SCIENTIFIC PROGRAM

SESSION CATEGORY

SOCIAL EVENTS

PROGRAM AT A GLANCE

PROGRAM

Invited Lectures
Presidential Lecture
Special Lecture
Memorial Lectures
Distinguished Young Investigators Session
Congress Symposia
Assembly Symposia
Luncheon Seminars
Evening Symposia
Coffee Break Seminars
Oral Sessions
Poster Sessions

Exhibitors

<table>
<thead>
<tr>
<th>Booth No.</th>
<th>Company</th>
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<tbody>
<tr>
<td>1</td>
<td>GlaxoSmithKline</td>
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<td>2</td>
<td>Novartis Pharma AG</td>
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<td>3</td>
<td>AstraZeneca / Astellas Pharma Inc.</td>
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<td>Nippon Boehringer Ingelheim Co., Ltd.</td>
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<td>5</td>
<td>SHIONOGI &amp; CO., Ltd.</td>
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<td>6</td>
<td>Vitalograph Ltd.</td>
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<td>7</td>
<td>Mundipharma Pte Ltd.</td>
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<td>10</td>
<td>Japanese Respiratory Society (JRS)</td>
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<td>11</td>
<td>American Thoracic Society (ATS)</td>
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<td>12</td>
<td>European Respiratory Society (ERS)</td>
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<td>13</td>
<td>Teijin Home Healthcare Limited</td>
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<td>ELSEVIER</td>
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<td>16</td>
<td>WILEY Blackwell</td>
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<td>18th WCBIP / ECBC</td>
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Program at a glance

Monday 11 November 2013
Room 1 (1F/Main Hall) Room 5 (fF/414+415) Room 6 (416+417)

14:00
ESAP (14:00-16:00)
Progress in Diagnosis and Management of Idiopathic Interstitial Pneumonias

15:00
Change of evaluation of severity in COPD (14:00-16:00)

PG 2
Update in Lung cancer (16:00-18:00)

PG 3
Recent Trends and New Insights in Respiratory Infection - Focusing on Epidemiology, Pathogenesis and Treatment- (16:00-18:00)

17:00
Opening Ceremony (18:00-18:45)

19:00
Welcome Cocktail Party (18:45-20:00)

20:00
Post-Graduate Courses (PG)
ESAP (Educational Seminar of the APSR)

For attending PG and ESAP, it needs to separately make a registration and pay an extra participation fee. Registration is available at the venue from 13:00 on 11 November. The Registration Desk for PG and ESAP is also separately installed at 4F Conference Center. Please note that registration for PG/ESAP is on a first-come-first-serve basis.

Participation Fee: JPY 5,000
* Including a cost of the special edition of program booklet.
* You can participate any of the 4 courses as you need/wish.

For Faculties of PG and ESAP
Please submit you presentation slide data at PC Center especially set up at the 4F Conference Center on 11 November from 13:00.

Social Event

All attendees are cordially invited to participate the social event below. For your participation, no need to make a registration. Please come directly to the each venue.

Opening Ceremony
Date: 11 November 2013 (Mon)
Time: 18:00-18:45
Venue: Room1, Main Hall, 1F Conference Center

Welcome Cocktail Party
Date: November 11, 2013 (Mon)
Time: 18:45-20:00
Venue: Foyer of Main Hall, 1F Conference Center

Get-together Party
Date: 13 November 2013 (Wed)
Time: 18:45-21:00
Venue: Ballroom, 3F InterContinental Yokohama Grand

Closing Ceremony
Date: November 14, 2013 (Thur)
Time: 12:00-12:30
Venue: Room 2 (503), 5F Conference Center

Session Category

<table>
<thead>
<tr>
<th>Letter</th>
<th>Session Category</th>
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<tr>
<td>IL</td>
<td>Invited Lecture</td>
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<tr>
<td>SL</td>
<td>Special Lecture</td>
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<tr>
<td>PL</td>
<td>Presidential Lecture</td>
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<tr>
<td>AS</td>
<td>Assembly Symposium organized by 16 Assembly Heads</td>
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<td>CS</td>
<td>Congress Symposium organized by LCC of APSR2013</td>
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<tr>
<td>LS</td>
<td>Luncheon Seminar (Co-sponsored Seminar)</td>
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<tr>
<td>ES</td>
<td>Evening Symposium (Co-sponsored Seminar)</td>
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<tr>
<td>CB</td>
<td>Coffee Break Seminar (Co-sponsored Seminar)</td>
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<tr>
<td>WS</td>
<td>Workshop-Japan Federation of Patient Organization for Respiratory Diseases</td>
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<tr>
<td>GINA</td>
<td>Global Strategy for Asthma Management and Prevention by GINA</td>
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<tr>
<td>OS</td>
<td>Oral Session</td>
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<tr>
<td>PS</td>
<td>Poster Session</td>
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<tr>
<td>PG</td>
<td>Post-Graduate Courses</td>
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<tr>
<td>ESAP</td>
<td>Educational Seminar of the APSR</td>
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## Program at a glance

### Monday 11 November 2013

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<tr>
<th>Time</th>
<th>Room 1 (1F/Main Hall)</th>
<th>Room 5 (fF/414+415)</th>
<th>Room 6 (416+417)</th>
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<tr>
<td>14:00</td>
<td>ESAP</td>
<td>PG1</td>
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<tr>
<td></td>
<td>Progress in Diagnosis and Management of Idiopathic Interstitial Pneumonias (14:00-16:00)</td>
<td>Change of evaluation of severity in COPD (14:00-16:00)</td>
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<td>15:00</td>
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<td>PG 2</td>
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<td>Update in Lung cancer (16:00-18:00)</td>
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<td>16:00</td>
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<td>PG 3</td>
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<td>Recent Trends and New Insights in Respiratory Infection - Focusing on Epidemiology, Pathogenesis and Treatment- (16:00-18:00)</td>
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<td>18:00</td>
<td>Opening Ceremony</td>
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<td>(18:00-18:45)</td>
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<td>19:00</td>
<td>Welcome Cocktail Party</td>
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<td>(18:45-20:00)</td>
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### Post-Graduate Courses (PG)

**ESAP (Educational Seminar of the APSR)**

For attending PG and ESAP, it needs to separately make a registration and pay an extra participation fee. Registration is available at the venue from 13:00 on 11 November. The Registration Desk for PG and ESAP is also separately installed at 4F Conference Center. Please note that registration for PG/ESAP is on a first-come-first-serve basis.

**Participation Fee:** JPY 5,000

* Including a cost of the special edition of program booklet.
* You can participate any of the 4 courses as you need/wish.

**For Faculties of PG and ESAP**

Please submit your presentation slide data at PC Center especially set up at the 4F Conference Center on 11 November from 13:00.
<table>
<thead>
<tr>
<th>Room</th>
<th>Level</th>
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<th>Time</th>
<th>Presentation title</th>
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<tr>
<td>Room 1</td>
<td>1F</td>
<td>Main Hall</td>
<td>8:20-10:20</td>
<td>Room 5 503 Assembly Symposium 1 Respiratory Infections (non-tuberculosis): Issues of pneumonia</td>
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<td>10:20-11:20</td>
<td>LS1 Dual bronchodilation: a new treatment option for COPD patients by Novartis Pharma AG</td>
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<td>Room 3 503 Assembly Symposium 2 COPD: Phenotyping of COPD beyond spirometry</td>
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<td>LS2 Current asthma control and future risk of exacerbations—what can we do to manage our patients effectively? by AstraZeneca K.K.</td>
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<td>Room 5 414-415 Assembly Symposium 3 Pulmonary Circulation: Recent progress in the management of pulmonary hypertension</td>
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<td>416-417</td>
<td>8:20-9:20</td>
<td>Room 5 414-415 Assembly Symposium 4 Respiratory Neurobiology and Sleep: The recent advances in sleep apnea in pathophysiology and treatment</td>
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<td>Room 5 414-415 Assembly Symposium 5 Lung Cancer 10:00:20-11:20 Lung Cancer 10:00:20-11:20</td>
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<td>Room A</td>
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<td>8:20-12:25</td>
<td>LS5 An Asthma Treatment Option that can be a Change for the Better by Mundipharma Pte. Ltd.</td>
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<td>Room B</td>
<td>3F</td>
<td>313-314</td>
<td>8:20-12:25</td>
<td>LS6 How should COPD be treated considering small airway obstruction and adherence? by Abbott Japan Co., Ltd.</td>
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<td>3F</td>
<td>311-312</td>
<td>8:20-12:25</td>
<td>Room 4 419 Poster Pin-up and Viewing</td>
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<td>Room 3 501 Poster Pin-up and Viewing</td>
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<td>8:20-12:25</td>
<td>Room 3 501 Poster Pin-up and Viewing</td>
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<td>Exhibition</td>
<td>3F</td>
<td>301-304</td>
<td>8:20-17:00 Exhibition Open Hours</td>
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<td>Exhibition 3F 301-304</td>
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<td>14:00-16:00 Distinguished Young Investigators Session</td>
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<td>16:15-17:45 ES1: Current approaches and future directions in COPD: diagnosis, burden, pathogenesis</td>
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<td>16:05-17:35 ES2: AstraZeneca Scientific Exchange Meeting Perspective of Lung Cancer Genetics</td>
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<td>16:15-17:45 ES3: When, Why, How do asthma &amp; COPD patients experience exacerbation?</td>
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<td>13:55-16:00 OS1: Asthma 1</td>
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<td>15:00-15:50 OS10: Asthma 2</td>
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<td>14:00-15:00 OS08: Critical Care Medicine 1</td>
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<td>15:00-16:00 OS11: Critical Care Medicine 2</td>
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<td>14:00-15:00 OS09: Cell and Molecular Biology</td>
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<td>15:00-16:00 OS12: Pulmonary Circulation</td>
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<td>13:35-15:15 P1-B1-P1-B3 POSTER SESSION PS69-PS56</td>
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<td>12:25-13:15 P1-C1-P1-C3 POSTER SESSION PS97-PS125</td>
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<td>12:25-13:15 P1-D1-P1-D4 POSTER SESSION PS126-PS160</td>
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<td>12:25-13:15 P1-E1-P1-E4 POSTER SESSION PS161-PS194</td>
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<td>12:25-13:15 P1-F1-P1-F2 POSTER SESSION PS195-PS212</td>
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<td>8:20-17:00 Exhibition Open Hours</td>
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### Poster Viewing and Removal

- **8:20-17:00**: Exhibition Open Hours
- **12:25-13:10**: P1-A1-P1-A7 (Poster Session PS1-P568)
- **13:15-13:55**: P1-B1-P1-B3 (Poster Session PS69-PS56)
- **12:25-13:15**: P1-C1-P1-C3 (Poster Session PS97-PS125)
- **12:25-13:15**: P1-D1-P1-D4 (Poster Session PS126-PS160)
- **12:25-13:15**: P1-E1-P1-E4 (Poster Session PS161-PS194)
- **12:25-13:15**: P1-F1-P1-F2 (Poster Session PS195-PS212)

### Schedules

- **14:00-16:00**: Distinguished Young Investigators Session
- **14:00-15:00**: Congress Symposium 1 (Post Con Session: Dutch hypothesis)
- **14:00-16:00**: Congress Symposium 3 (Asthma and COPD Section by young investigators: Recent advances in asthma and COPD management and pathogenesis)
- **14:00-16:00**: Congress Symposium 2 (Lung Cancer Session by young investigators: Update and future perspectives of basic science and clinical applications in non-small cell lung cancer)
- **14:00-16:00**: Assembly Symposium 5 (Interstitial Lung Disease: When and how should we treat IPF? Past and present)
- **14:00-16:30**: WS Workshop - Japan Federation of Patient Organizations for Respiratory Diseases
- **14:00-15:00**: OS07 (Asthma 1)
- **15:00-15:50**: OS10 (Asthma 2)
- **14:00-15:00**: OS08 (Critical Care Medicine 1)
- **15:00-16:00**: OS11 (Critical Care Medicine 2)
- **14:00-15:00**: OS09 (Cell and Molecular Biology)
- **15:00-16:00**: OS12 (Pulmonary Circulation)
- **12:25-13:10**: P1-A1-P1-A7 (Poster Session PS1-P568)
- **13:15-13:55**: P1-B1-P1-B3 (Poster Session PS69-PS56)
- **12:25-13:15**: P1-C1-P1-C3 (Poster Session PS97-PS125)
- **12:25-13:15**: P1-D1-P1-D4 (Poster Session PS126-PS160)
- **12:25-13:15**: P1-E1-P1-E4 (Poster Session PS161-PS194)
- **12:25-13:15**: P1-F1-P1-F2 (Poster Session PS195-PS212)

### Conference Schedule

- **12:25-13:10**: SL: Towards the clinical application of iPS cells in the respiratory field (Chair: Yoshie Nukiwa, Speaker: Michiaki Mishima)
- **14:00-16:00**: CS1: Congress Symposium 1 (Asthma and COPD Section by young investigators: Recent advances in asthma and COPD management and pathogenesis)
- **14:00-15:00**: CS3: Congress Symposium 3 (Lung Cancer Session by young investigators: Update and future perspectives of basic science and clinical applications in non-small cell lung cancer)
- **14:00-16:00**: A55: Assembly Symposium 5 (Interstitial Lung Disease: When and how should we treat IPF? Past and present)
- **14:00-16:30**: WS: Workshop - Japan Federation of Patient Organizations for Respiratory Diseases
- **14:00-15:00**: OS07: Asthma 1
- **15:00-15:50**: OS10: Asthma 2
- **14:00-15:00**: OS08: Critical Care Medicine 1
- **15:00-16:00**: OS11: Critical Care Medicine 2
- **14:00-15:00**: OS09: Cell and Molecular Biology
- **15:00-16:00**: OS12: Pulmonary Circulation
- **12:25-13:10**: P1-A1-P1-A7 (Poster Session PS1-P568)
- **13:15-13:55**: P1-B1-P1-B3 (Poster Session PS69-PS56)
- **12:25-13:15**: P1-C1-P1-C3 (Poster Session PS97-PS125)
- **12:25-13:15**: P1-D1-P1-D4 (Poster Session PS126-PS160)
- **12:25-13:15**: P1-E1-P1-E4 (Poster Session PS161-PS194)
- **12:25-13:15**: P1-F1-P1-F2 (Poster Session PS195-PS212)

### Poster Sessions

- **12:25-13:10**: P1-A1-P1-A7 (Poster Session PS1-P568)
- **13:15-13:55**: P1-B1-P1-B3 (Poster Session PS69-PS56)
- **12:25-13:15**: P1-C1-P1-C3 (Poster Session PS97-PS125)
- **12:25-13:15**: P1-D1-P1-D4 (Poster Session PS126-PS160)
- **12:25-13:15**: P1-E1-P1-E4 (Poster Session PS161-PS194)
- **12:25-13:15**: P1-F1-P1-F2 (Poster Session PS195-PS212)

### Exhibition

- **8:20-17:00**: Exhibition Open Hours
- **12:25-16:00**: Exhibit Session PS1-PS160
- **12:25-16:00**: Exhibit Session PS161-PS194
- **12:25-16:00**: Exhibit Session PS195-PS212

### Additional Notes

- **13:55-16:00**: Poster Viewing and Removal
- **13:55-16:00**: Poster Viewing and Removal
- **13:55-16:00**: Poster Viewing and Removal
- **13:55-16:00**: Poster Viewing and Removal
- **13:55-16:00**: Poster Viewing and Removal
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<th>1F</th>
<th>Main Hall</th>
<th>8:00-10:20</th>
<th>11:00-12:00</th>
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<tr>
<td>Room 2</td>
<td>503</td>
<td>8:20-10:20</td>
<td>Assembly Symposium 6: Asthma: Recent advances in asthma management</td>
<td>11:20-12:20</td>
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<td>Room 3</td>
<td>5F</td>
<td>8:20-10:20</td>
<td>Autophagy in Lung Disease: Chairing: Shu Hashimoto</td>
<td>11:20-12:20</td>
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<tr>
<td>Room C</td>
<td>311+312</td>
<td>8:20-10:20</td>
<td>Poster Pin-up and Viewing</td>
<td>11:20-12:20</td>
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<tr>
<td>Exhibition</td>
<td>3F</td>
<td>301-304</td>
<td>Exhibition Open Hours</td>
<td>11:20-12:20</td>
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<tr>
<td>13:00</td>
<td>ML1 Aon Woolcock Memorial Lecture</td>
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<td>13:30</td>
<td>ML2 Michiyoshi Harasawa Memorial Lecture</td>
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<td>14:00</td>
<td>IL3 Research into Molecular Pathogenesis of Lung Cancer into the Clinical Practice Chaired: Yoichi Nakamura Speaker: Ignacio I. Wistuba</td>
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<td>14:30</td>
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<td>15:00</td>
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<td>15:30</td>
<td>GALA-Get-together Party</td>
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<td>16:00</td>
<td>Exposition Open Hours</td>
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<tr>
<td>16:30</td>
<td>CSS Congress Symposium 5 COPD-Workshop: Early-onset COPD in Asia</td>
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<tr>
<td>16:00</td>
<td>AS10 Assembly Symposium 10 Clinical Allergy &amp; Immunology: Current topics on asthma and COPD pathogenesis</td>
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<td>16:00</td>
<td>AS11 Assembly Symposium 11 Tuberculosis: from Bench to Clinic: focus on new TB clinical trials</td>
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<td>16:00</td>
<td>OS19 Asthma 3</td>
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<td>16:00</td>
<td>OS20 Respiratory Structure and Function</td>
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<td>OS21 Others 1</td>
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<td>16:00</td>
<td>OS22 Interstitial Lung Disease 2</td>
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<td>17:00</td>
<td>OS23 Respiratory Infections (non-tuberculosis) 1</td>
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<td>17:00</td>
<td>OS24 Lung Cancer 5</td>
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<td>17:00</td>
<td>OS25 Bronchoscop and Interventional Techniques 1</td>
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<tr>
<td>17:00</td>
<td>OS26 Interstitial Lung Disease 3</td>
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<td>17:00</td>
<td>OS27 Respiratory Infections (non-tuberculosis) 2</td>
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<td>17:00</td>
<td>OS28 Lung Cancer 6</td>
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<td>17:00</td>
<td>OS29 Bronchoscop and Interventional Techniques 2</td>
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<td>17:00</td>
<td>OS30 Interstitial Lung Disease 4</td>
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<td>18:45</td>
<td>GALA-Get-together Party</td>
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<td>19:00</td>
<td>Poster Viewing and Removal</td>
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<td>19:00</td>
<td>Exhibition Open Hours</td>
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<td>Room</td>
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<td>Location</td>
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<tr>
<td>Room 1</td>
<td>1F</td>
<td>Main Hall</td>
<td>8:30-11:00</td>
<td>CS7 Congress Symposium 7: Epidemic of Fatal Viral Infections in 2013: Influenza H7N9 virus and MERS coV</td>
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<tr>
<td>Room 2</td>
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<td>9:00-10:30</td>
<td>AS13 Assembly Symposium 13: Critical Care Medicine: ARDS: new definition and a new approach for the future</td>
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<tr>
<td>Room 3</td>
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<td>10:30-12:00</td>
<td>AS15 Assembly Symposium 15: Paediatric Lung Disease: Innate immunity in children's lung health and disease</td>
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<tr>
<td>Room 4</td>
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<td>9:00-10:30</td>
<td>AS14 Assembly Symposium 14: Cell and Molecular Biology: Hot topics in cell and molecular biology</td>
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<td>Room 5</td>
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<td>9:00-9:50</td>
<td>OS31 Paediatric Lung Disease</td>
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<td>9:50-10:50</td>
<td>OS32 Respiratory Neurobiology and Sleep</td>
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<td>OS33 Tuberculosis 3</td>
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<td>Room 8</td>
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<td>10:00-11:00</td>
<td>OS34 Others 2</td>
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<tr>
<td>Room A</td>
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<td>11:00-12:00</td>
<td>OS37 Tuberculosis 4</td>
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<td>Room B</td>
<td>313+314</td>
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<td>11:00-12:00</td>
<td>OS39 Clinical Allergy &amp; Immunology</td>
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<td>11:00-12:00</td>
<td>OS40 COPD 4</td>
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<td>Room D</td>
<td>419</td>
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<td>11:00-12:00</td>
<td>OS41 Tuberculosis 5</td>
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<td>Room E</td>
<td>418</td>
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<td>11:00-12:00</td>
<td>OS42 Interstitial Lung Disease 6</td>
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<td>Room F</td>
<td>413</td>
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<td>11:00-12:00</td>
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<tr>
<td>Exhibition</td>
<td>3F</td>
<td>301-304</td>
<td>8:30-12:00</td>
<td>Exhibition Open Hours</td>
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PROGRAM
### Invited Lecture 1

**Date:** TUESDAY - NOVEMBER 12  
**Time:** 10:25-11:15  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** The “Healthy Smoker” is not Healthy—Smoking-Induced Disordering of Lung Biology Starts the Smoker Down the Road to COPD and Lung Cancer  

**Chairing:** Toshhiro Nukiwa  
(South Miyagi Medical Center, Japan)  

**Speaker:** Ronald G. Crystal  
(Department of Genetic Medicine, Weill Medical College of Cornell University, New York, U.S.A.)

### Presidential Lecture

**Date:** TUESDAY - NOVEMBER 12  
**Time:** 13:10-13:55  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** Evidence from Asian-Pacific Respiratory Medicine: Clinical trials and ethnicity for personalized EGFR-TKI in NSCLC and pirfenidone in IPF  

**Chairing:** Shoji Kudo  
(Fukujuji Hospital of Japan Anti-Tuberculosis Association, Japan)  

**Speaker:** Toshhiro Nukiwa  
(South Miyagi Medical Center, Japan)

### Invited Lecture 2

**Date:** WEDNESDAY - NOVEMBER 13  
**Time:** 10:25-11:15  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** Autophagy in Lung Disease  

**Chairing:** Shu Hashimoto  
(Division of Respiratory Medicine, Nihon University School of Medicine, Japan)  

**Speaker:** Augustine Choi  
(Weill Cornell Medical College, Weill Cornell Medical Center, USA)

### Invited Lecture 3

**Date:** WEDNESDAY - NOVEMBER 13  
**Time:** 14:00-14:50  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** Translating Recent Advances on the Molecular Pathogenesis of Lung Cancer into the Clinical Practice  

**Chairing:** Yoichi Nakanishi  
(Research Institute for Diseases of the Chest, Kyushu University, Japan)  

**Speaker:** Ignacio I. Wistuba  
(Department of Translational Molecular Pathology, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, USA.)

### Special Lecture

**Date:** WEDNESDAY - NOVEMBER 13  
**Time:** 12:25-13:10  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** Towards the clinical application of IPS cells in the respiratory field  

**Chairing:** Michiaki Mishima  
(Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Japan)  

**Speaker:** Jami Dulin  
(Weill Cornell Medical College, Weill Cornell Medical Center, USA)

### Ann Woolcock Memorial Lecture

**Date:** WEDNESDAY - NOVEMBER 13  
**Time:** 13:00-13:30  
**Venue:** The Conference Center, Pacifica Yokohama  
**Room:** Room 1

**Title:** Epithelial cell in asthma pathogenesis  

**Chairing:** Michiaki Mishima  
(Graduate School of Medicine Kyotou University, Japan)  

**Speaker:** Shu Hashimoto  
(Nihon University School of Medicine, Japan)
Michiyoshi Harasawa Memorial Lecture
WEDNESDAY - NOVEMBER 13 13:30-14:00
The Conference Center, Pacific Yokohama  Room 1

ML2  Early life origins of chronic lung disease

Chairing: Yoshinosuke Fukuchi
(Juntendo University School of Medicine, Japan)
Faisal Yunus
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Indonesia)

Speaker: Peter Sly
(Queensland Children’s Medical Research Institute, University of Queensland, Australia)

YI4  PET imaging with [18F]FDG distinguishes macrophage from neutrophil lung inflammation
Delphine L. Chen
(Mallinckrodt Institute of Radiology Washington University School of Medicine)

YI5  Study Of Incidence, Outcome And Antibiotic Sensitivity Pattern Of Ventilator Associated Pneumonia In Icu Of Tertiary Care Hospital In Nepal
Debbya Raj Mishra
(BP Koirala Institute of Health Sciences, Dharan, Nepal)

YI6  Human Rhinovirus Infection Of Asthmatic Airway Epithelial Cells Causes Tight Junction Disassembly Resulting In Increased Permeability.
Kevin Loo
(School of Paediatrics and Child Health, University of Western Australia, Australia)

YI7  One Year Changes Of Pulmonary Artery Pressure In Interstitial Lung Disease
Ryo Teramachi
(Tosei General Hospital, Aichi, Japan)

YI8  Mechanisms Of Autophagic Regulation Of Myofibroblast Differentiation In Ipf Pathogenesis.
Kenji Kobayashi
(Division of Respiratory Diseases, Department of Internal Medicine, Keio University School of Medicine, Japan)

YI9  NOVEL NONINVASIVE TECHNIQUES FOR ASSESSING DYNAMIC PULMONARY VASCULAR FUNCTION
EMT Lau
(Respiratory Medicine, Royal Prince Alfred Hospital, NSW/ Cardiology, Royal Prince Alfred Hospital, NSW, Australia)

Distinguished Young Investigators Session
TUESDAY - NOVEMBER 12 14:00-16:00
The Conference Center, Pacific Yokohama  Room 1

Chairing: Nobuki Kohno
(Department of Molecular and Internal Medicine, Graduate School of Biomedical Sciences, Hiroshima University, Japan)
Thomas W Ferko
(Washington University School of Medicine, U.S.A.)
Klaus Rabe
(University of Kiel, Germany)
Matthew Peters
(Respiratory Function Unit, Concord Repatriation General Hospital, Australia)

YI1  Knockdown Of Zinc Finger E-Box Binding Homeobox 1 (Zeb1) Reduces Stem Cells Characteristic Of Gliotinitib-Resistant-Persisters Of Pc9 Cells
Farz Nurwiyah
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

YI2  Clinical And Laboratory Profiles And Outcomes Of Critically Ill Chest Disease Patients In A Tertiary Care Chest Hospital
Md. Mamunur Rashid
(National Institute of Diseases of Chest and Hospital, Muhakhali, Dhaka, Bangladesh)

YI3  Healthcare Utilization Associated With Misdiagnosis Of COPD In Primary Care
Min J. Joo
(University of Illinois at Chicago, Chicago, IL, USA/Jesse Brown VA Medical Center, Chicago, IL, USA)

YI5  Study Of Incidence, Outcome And Antibiotic Sensitivity Pattern Of Ventilator Associated Pneumonia In Icu Of Tertiary Care Hospital In Nepal
Debbya Raj Mishra
(BP Koirala Institute of Health Sciences, Dharan, Nepal)

YI6  Human Rhinovirus Infection Of Asthmatic Airway Epithelial Cells Causes Tight Junction Disassembly Resulting In Increased Permeability.
Kevin Loo
(School of Paediatrics and Child Health, University of Western Australia, Australia)

YI7  One Year Changes Of Pulmonary Artery Pressure In Interstitial Lung Disease
Ryo Teramachi
(Tosei General Hospital, Aichi, Japan)

YI8  Mechanisms Of Autophagic Regulation Of Myofibroblast Differentiation In Ipf Pathogenesis.
Kenji Kobayashi
(Division of Respiratory Diseases, Department of Internal Medicine, Keio University School of Medicine, Japan)

YI9  NOVEL NONINVASIVE TECHNIQUES FOR ASSESSING DYNAMIC PULMONARY VASCULAR FUNCTION
EMT Lau
(Respiratory Medicine, Royal Prince Alfred Hospital, NSW/ Cardiology, Royal Prince Alfred Hospital, NSW, Australia)

Congress Symposium 1
TUESDAY - NOVEMBER 12 14:00-15:00
The Conference Center, Pacific Yokohama  Room 2

CS1  Pro Con Session: Dutch hypothesis

Target Audience
Clinicians, researchers

Objectives
1. what Dutch hypothesis is
2. what British hypothesis is
3. discuss the asthma and COPD pathogenesis

Summary
The aims of this session are to review and update Dutch hypothesis and British hypothesis, and discuss the most recent concept of asthma and COPD pathogenesis by incorporating understanding of their hypothesis.
18th Congress of the Asian Pacific Society of Respirology

Chairing: Augustine M.K. Choi
(Pulmonary and Critical Care Medicine, Brigham and Women’s Hospital, Harvard Medical School, U.S.A.)
Masakazu Ichinose
(Tohoku University School of Medicine, Japan)

CS1-1 Pro. Monica Kraft
(Executive Member, Immediate Past President of ATS, Duke University Medical Center, U.S.A.)

CS1-2 Con. Peter Barnes
(Executive Member, ERS President 2013–2014, National Heart & Lung Institute, Imperial College London, U.K.)

Congress Symposium 2
TUESDAY - NOVEMBER 12
14:00-16:00
The Conference Center, Pacific Yokohama

CS2 Lung Cancer Session by young investigators:
Update and future perspectives of basic science and clinical applications in non-small cell lung cancer

Target Audience
This course is designed for practicing physicians involved in the management of lung cancer. Target audiences are chest physicians and medical oncologists, clinical pathologists, medical staff, advanced practice nurses, pharmacists and pharmaceutical company who wish to learn about the latest advances in the basic science and clinical applications thoracic oncology.

Objectives
1. Identify new findings in basic science and clinical applications in non-small cell lung cancer.
2. Describe how new findings in basic science modify approaches to the treatment of non-small-cell lung cancer.
3. Determine how quality improvement strategies can be applied in the treatment of non-small-cell lung cancer.

Summary
Non-small-cell lung cancer is one of the leading causes of deaths from cancer worldwide. Therefore, improvements in diagnostics and treatments are urgently needed. The number of targeted drugs that can improve patient outcomes with an acceptable safety profile is steadily increasing. In this Congress Symposium, we will discuss the effect of multimodal treatment in locally advanced disease, and ongoing developments in the treatment of patients with metastatic disease. In particular, we will include an emphasis on basic research, which are based on cancer genetics and genomics. Finally, the position of lung cancer treatment on the pathway to personalized therapy will be discussed.

Chairing: Nagio Takigawa
(Department of General Internal Medicine 4, Kawasaki Medical School, Japan)
Takeshi Isobe
(Department of Medical Oncology & Respiratory Medicine, Shimane University, Japan)

CS2-1 Whole genome sequencing of lung adenocarcinoma and hallmarks
Marcin Imielinski
(Broad Institute, U.S.A.)

CS2-2 Dysfunctional KEAP1-NRF2 System in Non-Small-Cell Lung Cancer
Yaschiro Mitsuishi
(Department of Respiratory Medicine, Tohoku University Hospital, Miyagi, Japan)

CS2-3 Chemotherapy in the combined modality therapy for stage III NSCLC
Tetsunari Hase
(Nagoya University School of Medicine, Aichi, Japan)

CS2-4 Maximizing the benefit of chemotherapy for advanced NSCLC
Yuka Kato
(Okayama University, Okayama, Japan)

CS2-5 Selecting patients for maintenance therapy for advanced non-small-cell lung cancer (NSCLC)
Rudolf M. Huber
(University of Munich, Bavaria, Germany/Thoracic Oncology Centre of Munich, Bavaria, Germany)

Congress Symposium 3
TUESDAY - NOVEMBER 12
15:00-16:00
The Conference Center, Pacific Yokohama

CS3 Asthma and COPD Session by young investigators:
Recent advances in asthma and COPD management and pathogenesis

Target Audience
Clinicians, researchers

Objectives
1. Know current and future management of asthma
2. Discuss asthma and COPD pathogenesis

Summary
‘Raising son’ researcher and clinician will present this symposium. They will review the current understanding of asthma and COPD management and pathogenesis. Dr. Tanaka will present and introduce how to effectively manage asthma patient through his own experience. Dr. Shinkai will present his
own data on a role of HO-1 in COPD pathogenesis and summarize recent advances in COPD pathogenesis.

**Chairing:** Monica Kraft
(Executive Member, Immediate Past President of ATS, Duke University Medical Center, U.S.A.)
Takeshi Kaneko
(Respiratory Disease Center, Yokohama City University Medical Center, Japan)

**CS3-1** Advances in the management of asthma
Akihiko Tanaka
(Showa University, Tokyo, Japan)

**CS3-2** Potential of Heme oxygenase (HO)-1 in COPD
Masaharu Shinkai
(Yokohama City University Medical Center, Respiratory Disease Center, Japan)

**CS4** Rare Lung Diseases:
Recent advances in rare lung diseases

**Target Audience**
Pulmonologists, clinical and basic scientists, and other physicians who are interested in rare lung diseases and their recent progress

**Objectives**
1. update the understanding on the pathogenesis, diagnosis, and treatment of two representative rare lung diseases, lymphangioleiomyomatosis (LAM) and pulmonary alveolar proteinosis (PAP)
2. understand the current status on PAP in Asian countries.

**Summary**
This congress session will provide an opportunity to understand how translational research has contributed to the development of a new treatment in rare lung diseases. The session will inspire the participants in Asian countries to care patients with these diseases and even to be involved in the research of rare lung diseases.

**Chairing:** Ulrich Costabel
(University of Duisburg-Essen, Germany)
Yoshikazu Inoue
(National Hospital Organization Kinki-Chuo Chest Medical Center, Japan)

**CS4-1** Current understanding on pathogenesis and diagnosis of lymphangioleiomyomatosis
Kuniaki Seyama
(Juntendo University Faculty of Medicine and Graduate School of Medicine, Tokyo, Japan)

**CS4-2** Current therapeutic strategies for lymphangioleiomyomatosis
Francis X. McCormack
(Division of Pulmonary, Critical Care and Sleep Medicine, University of Cincinnati, U.S.A.)

**CS4-3** Current understanding on pathogenesis and diagnosis of pulmonary alveolar proteinosis
Koh Nakata
(Bioscience Medical Research Center, Niigata University Medical Dental Hospital, Niigata, Japan)

**CS4-4** Current therapeutic strategies for pulmonary alveolar proteinosis
Ulrich Costabel
(University of Duisburg-Essen, Germany)

**CS4-5** Survey for prevalence and treatment of pulmonary alveolar proteinosis in Asian countries
Moo Suk Park
(Yonsei University College of Medicine, Seoul, Republic of Korea)

**CS5** COPD-Workshop: Early-onset COPD in Asia

**Target Audience**
Clinicians, researchers, fellows and residents in training, medical students

**Objectives**
1. understand the definition of early-onset COPD and its differential diagnosis
2. understand distinct phenotypes in early-onset COPD
3. understand potential causes and mechanisms

**Summary**
This workshop is to summarize current understanding of early-onset COPD in Asia and to discuss about some potential future collaboration studies in an attempt to provide insight into causes and/or mechanisms.

**Chairing:** Sang-Do Lee
(Pulmonary and Critical Care Medicine, Asan Medical Center, Korea)
Masaharu Nishimura
(First Department of Medicine, Hokkaido University School of Medicine, Japan)

**Introduction**
Masaharu Nishimura
(First Department of Medicine, Hokkaido University School of Medicine, Japan)
CS5-1 Early-onset COPD in Japan
Toyohiro Hirai
(Department of Respiratory Medicine, Kyoto University, Kyoto, Japan)

CS5-2 Early-onset COPD in Asia
Yeon-Mok Oh
(Department of Pulmonary and Critical Care Medicine, Asan Medical Center, Seoul, South Korea)

CS5-3 Consider occupational causes of severe, fixed airway obstruction
Paul L. Enright
(The University of Arizona, Tucson, Arizona, United States)

CS5-4 Case Presentation 1: A patient with early onset, non-emphysematous COPD followed up over 10 years.
Masanori Yoshikawa
(Second Department of Internal Medicine, Nara Medical University, Japan)

CS5-4 Case Presentation 2: An asthma-associated early-onset COPD
Two cases of asthma-associated early-onset emphysema with severe airflow limitation
Katsura Naiga
(First Department of Medicine, Hokkaido University Hospital, Japan)

CS5-4 Korean female cases of early-onset COPD with emphysema-dominant phenotype
Sei Won Lee
(Asan Medical Center, University of Ulsan, Seoul, Korea)

CS5-5 Free Discussion for Future Collaboration Study

Summary
To run a clinical trial of IPF is tough and complicated process. While a recent perspective on phase 3 clinical trials on IPF has been published (AJRCCM, 2012), a number of correspondence on the article argue the difficulties including staging. The speakers of this session are composed of world-famous experts in the field of IPF, and will provide current understandings and future directions on "what is a clinical trial on IPF?"

Chairing: Ulrich Costabel
(University of Duisburg-Essen, Germany)
Toshifumi Nukiwa
(South Miyagi Medical Center, Japan)

CS6-1 Overview of recent and current clinical trials of IPF
Luca Richeldi
(Respiratory Medicine, University of Southampton, U.K.)

CS6-2 Definitions of disease: should "possible" and "probable" IPF be enrolled in treatment trials
Kevin K. Brown
(National Jewish Health, U.S.A.)

CS6-3 Trial design and outcome measures: lessons learned from recent clinical trials in IPF?
Ulrich Costabel
(University of Duisburg-Essen, Germany)

CS6-4 Essential rules and requirements for rare lung diseases global clinical trial: Sponsor’s standpoint
Thomas Kuehler
(Nippon Boehringer Ingelheim Co., Ltd., Tokyo, Japan)

CS6-5 Use of the severity grade for IPF in Japan? 20 years experience from empirical to RCT practice
Sakae Horuma
(Toho University Omori Medical Center, Tokyo, Japan)

Target Audience
Expert chest physicians for diffuse lung diseases and pulmonary fibrosis who are interested in clinical trials of novel drugs. Junior chest physicians who are eager to learn about IPF are also welcome.

Objectives
1. describe a number of recent clinical trials of IPF and the results,
2. discuss the current problems on diagnosis including staging, assessment of clinical parameters, and some ethnic differences in international clinical trials,
3. illustrate a possible improved strategies for better IPF clinical trials,
Summary
While the scientific knowledge on influenza virus or corona virus has recently been shared widely, unexpected new outbreaks are emerging almost every year. Chest physicians are highly aware of new outbreaks, and they are ready to care patients if by chance they are found transferred by airplanes. This symposium will summarize such fatal viral infections in 2013; H7N9 influenza virus from Asia and MERS-CoV from Mideast. World expert researchers will present the up-to-date information on these viruses.

Chairing: David Hui
(Division of Respiratory Medicine, The Chinese University of Hong Kong, Hong Kong)
Hitoshi Osakabe
(Department of Virology, Tohoku University Graduate School of Medicine, Japan)

CS7-1 H7N9 in China
Nan-Shan Zhong
(Guangzhou Medical College, China)

CS7-2 Basic overview to understand influenza H7N9 epidemic
Yoshishiro Kawaoka
(Division of Virology, Department of Microbiology and Immunology, Institute of Medical Science, University of Tokyo, Japan)

CS7-3 EPIDEMIOLOGICAL SUMMARY OF INFLUENZA H7N9 EPIDEMIC
Vernon J Lee
(National University of Singapore, Singapore, Singapore)

CS7-4 Coronavirus infection: Summary of SARS-CoV and watch on MERS-CoV
Shibukku Matsuyama
(National Institute of Infectious Diseases, Tokyo, Japan)

AS1-1 Newer Diagnostic methods
Yee-Chun Chen
(National Institute of Infectious Diseases and Vaccinology, National Health Research Institutes; Department of Medicine, National Taiwan University Hospital and College of Medicine, Taiwan)

AS1-2 Severe pneumonia
Shigeru Kohno
(Nagasaki University Hospital, Nagasaki University, Japan)

AS1-3 Guideline of pneumonia and treatment responses
Ki-Suck Jung
(Hallym University Sacred Heart Hospital, Gyunuggi, Rep of Korea)

AS1-4 Diagnosis and Management of Pneumonia in Lung Cancer
Masaki Fujita
(Fukuoka University Hospital, Fukuoka, Japan)

Assembly Symposium 2
TUESDAY - NOVEMBER 12 8:20-9:50
The Conference Center, Pacifico Yokohama Room 3

AS2 COPD: Phenotyping of COPD beyond spirometry

Target Audience
Clinicians, researchers, registered nurses, advanced practice nurses, respiratory therapists, fellows and residents in training

Objectives
1. recognize the clinical heterogeneity of COPD
2. discuss a specific therapeutic approach directed by the clinical phenotype
3. discuss more individualized approach to COPD treatment according to the clinical characteristics

Summary
This session will use international experts to provide balanced information regarding various clinical forms of COPD patients. The phenotyping of COPD should be able to determine the best therapy to achieve better clinical outcome.

Chairing: Sang-Do Lee
(Pulmonary and Critical Care Medicine, Asan Medical Center, Korea)
Atsushi Nagai
(Tokyo Women’s Medical University, Japan)
**AS2-1** Heterogeneity of COPD from Asian perspective  
Sang-Do Lee  
(Asian Medical Center, University of Ulsan College of Medicine, Seoul, Korea)

**AS2-2** Role of CT in COPD phenotyping  
Shigeo Muro  
(Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

**AS2-3** How COPD affects the heart: the CVD Phenotype of COPD  
Don D. Sin  
(PHIC Respiratory Medicine, St. Paul’s Hospital, University of British Columbia, Canada)

**AS2-4** Assessment of comorbidities in COPD  
Akihito Yokoyama  
(Kochi University, Kochi, Japan)

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**AS3-1** New concepts of pathogenesis of pulmonary arterial hypertension  
Paul M. Hassoun  
(Division of Pulmonary and Critical Care Medicine, Department of Medicine, Johns Hopkins University, U.S.A.)

**AS3-2** Early recognition and diagnosis of pulmonary hypertension  
Sean Gaine  
(Mater Misericordiae University Hospital, Dublin, Ireland)

**AS3-3** Vardenafil in pulmonary arterial hypertension and Chinese experience  
Zhi-Cheng Jing  
(Thrombosis and Vascular Medicine Center, State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Peking Union Medical College & Chinese Academy of Medical Sciences, Beijing, China)

**AS3-4** Pathogenesis and treatment of pulmonary hypertension associated with combined pulmonary fibrosis and emphysema  
Miyazaki Hanaoka  
(First Department of Medicine, Shinsu University School of Medicine, Japan)

**AS3-5** Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension  
Hiromi Matsuoka  
(National Hospital Organization Okayama Medical Center, Okayama, Japan)

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**AS4-1** Respiratory Neurobiology and Sleep: The recent advances in sleep apnea in pathophysiology and treatment  
Target Audience  
Professionals providing care to patients with sleep apnea and related disorders: pulmonary and sleep physicians and dentists, clinical and basic researchers in sleep medicine, scientists studying sleep apnea pathophysiology, nurses, respiratory therapists, and fellows who care for individuals with sleep apnea and related disorders

**AS4-2** How to treat and manage the patients with obstructive sleep apnea as one of systemic diseases

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**Assembly Symposium 3**  
**TUESDAY - NOVEMBER 12**  
8:20-10:20  
The Conference Center, Pacific Yokohama  
Room 4

**Assembly Symposium 4**  
**TUESDAY - NOVEMBER 12**  
8:20-10:20  
The Conference Center, Pacific Yokohama  
Room 5
Summary
It has been well demonstrated from the basic and clinical data that patients with untreated obstructive sleep apnea (OSA) are at increased risk of metabolic and cardiovascular diseases and the effective continuous positive airway pressure (CPAP) treatment improves the morbidities and mortality. The recent data also show the effectiveness of the oral appliance therapy for OSA. Attendees at this symposium will learn about the recent findings, the relationships between non-communicable diseases and OSA from the basic and clinical data. The audiences will also get the recent data to understand the pathophysiology of OSA.

Chairing: Mary Sau-Man (Immediate Past-President of APSR, The University of Hong Kong, Hong Kong)
Hiroshi Kimura (Second Department of Internal Medicine and Respiratory Medicine, Nara Medical University, Japan)

AS4-1 Recent Advances in OSA pathophysiology and treatment
Peter Cistulli (Royal North Shore Hospital and University of Sydney, Sydney, Australia)

AS4-2 Obstructive Sleep Apnea and Metabolic Dysfunction: translating animal data to humans
Vasundhara Polotsky (Johns Hopkins University School of Medicine, Maryland, USA)

AS4-3 Cardiovascular consequences of Obstructive Sleep Apnoea
Patrick Levy (Joseph Fourier University, Grenoble, France)

AS4-4 OSA pathophysiology from a standpoint of a collapsible tube
Shiroh Isono (Department of Anesthesiology, Graduate School of Medicine, Chiba University, Japan)

AS4-5 New insight in the management of patients with obstructive sleep apnea
Kazuo Chin (Department of Respiratory Care and Sleep Control Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

Target Audience
Pulmonary physicians, pulmonary residents, researchers of interstitial lung diseases, Medical students and co-medical staff who are interested in IPF are also welcomed.

Objectives
1. understand the points or problems of the current IPF guideline (2011)
2. learn managements of IPF before and after the guideline in USA, EU, Korea, Japan, and China.
3. discuss when and how we should treat.

Summary
In 2011, the guideline for IPF was published from ATS/ERS/JRS/ALAT. The guideline was the first official international evidence-based guideline, which include diagnosis, treatment, managements of IPF patients. The speakers from USA, EU, Korea, Japan, and China will show their histories of IPF in their countries/lesions and current management of IPF after the guideline. We will understand the difference of each areas, if any, and discuss “When and how should we treat IPF” after the standardization by the IPF guideline (2011).

Chairing: Yukihiko Sugiyama (Division of Pulmonary Medicine, Jichi Medical University, Japan)
Yoshikazu Inoue (National Hospital Organization Kinki-Chuo Chest Medical Center, Japan)

AS5-1 When and how to treat IPF: a US perspective
Kevin K. Brown (Department of Medicine, National Jewish Health, U.S.A.)

AS5-2 When and how should EU doctors treat IPF?: With Italian history
Luca Richeldi (Respiratory Medicine, University of Southampton, U.K.)

AS5-3 The past and current treatment patterns of IPF in Korea.
Soo-Taek Uh (Soon Chun Hyang University, Seoul Hospital, Korea)

AS5-4 When and how should we treat IPF?
Arata Azuma (Nippon Medical School, Japan)

AS5-5 Current strategy of IPF treatment in China
Jian Kang (Institute of Respiratory Diseases, First Hospital of China Medical University, LiaoNing, China)
**Assembly Symposium 6**

**AS6** Asthma: Recent advances in asthma management

**Target Audience**
Clinicians including respiratory physicians, intensivists, general practitioners, researchers and other health professionals including nurses, physiotherapists, etc.

**Objectives**
1. Discuss the current and new treatments for asthma.
2. Understand the mechanisms underlying asthma pathogenesis

**Summary**
This session will update audience with the latest information on asthma management, ranging from current to emerging novel therapies. It will emphasize the need for selecting the most appropriate treatment modalities based on an individual’s phenotype and endpoints. Further, it will also provide insights on the pathogenic mechanisms of asthma.

**Chairing:** Christopher Lai  
(The Chinese University of Hong Kong, Hong Kong)  
(Mitsuru Munekata  
(Department of Pulmonary Medicine, Fukushima Medical University, Japan)

**AS6-1** Novel treatment for virus induced asthma exacerbations.  
Sebastian L. Johnston  
(Airway Disease Infection Section, National Heart and Lung Institute, Imperial College London, U.K.)

**AS6-2** Pathogenisis of asthma and its implications for treatment—what’s new?  
Hae-Sim Park  
(Department of Allergy and Clinical Immunology, Ajou University School of Medicine, Suwon, Korea)

**AS6-3** Individualized treatment for asthma—are we there yet?  
Ken Otta  
(National Hospital Organization Tokyo National Hospital, Tokyo, Japan/Teikyo University School of Medicine, Tokyo, Japan)

**AS6-4** Towards a new taxonomy for asthma  
Richard Beasley  
(Medical Research Institute of New Zealand, Wellington, New Zealand)

**AS6-5** What to do if combination therapy with inhaled steroid and LABA fails to achieve asthma control?  
Christopher Lai  
(The Chinese University of Hong Kong, Hong Kong)

**Assembly Symposium 7**

**AS7** Environmental & Occupational Health and Epidemiology:  
Lung diseases and indoor and outdoor environment-organic and inorganic pollutants

**Target Audience**
Pulmonologists, epidemiologists, oncologists, thoracic surgeons and basic scientists who research mesothelioma, carcinogenesis, and occupational and environmental lung disease.

**Objectives**
2. Describe trends in tobacco leading preventable illness and cancer development.
3. Understand airborne particulate matter, potential pathogenicity of PM2.5

**Summary**
In this session, the international experts will offer the most up-to-date information on comprehensive health effects of airborne environmental factors, including asbestos, tobacco-related carcinogens, et al., and on advances in mesothelioma diagnosis and treatment. In general, organic dusts can induce allergic lung diseases, while inorganic dust induce pulmonary fibrosis and neoplasm of the lung and pleura. Several factors influence the effects of inhaled particles, which are some properties of the particles themselves, size, structure and chemical composition, and genetic backgrounds contributing to individual susceptibility to pleural neoplasm.

**Chairing:** Michele Carbone  
(University of Hawaii Cancer Center, U.S.A.)  
Takashi Nakano  
(Hyogo College of Medicine, Japan)

**AS7-1** BAP1 gene mutation and mesothelioma pathogenesis  
Michele Carbone  
(University of Hawaii Cancer Center, Honolulu, Hawaii, USA)

**AS7-2** Trends in Smoking and Cancer Development  
Paul Baas  
(The Netherlands Cancer Institute, Holland, The Netherlands)

**AS7-3** Asbestos-related diseases in Korea—background and incidence (based on the data of Asbestos Health Damage Relief System)  
Soon-Hee Jung  
(Yonsei University Wonju College of Medicine, Wonju, Gangwon-Do, Korea)
AS7-4 Airborne particulate matter and respiratory diseases in Japan
Masayuki Shima
(Hyogo College of Medicine, Hyogo, Japan)

AS7-5 Advances of diagnosis and treatment for mesothelioma
Amaud Scherpereel
(Hospital of the University (CHU) of Lille, Lille, France/
Medical School of Medicine Henri Warembourg of Lille,
Lille, France/INSERM U1019 - CIIL - Institut Pasteur de
Lille, Lille, France)

Assembly Symposium 8
WEDNESDAY - NOVEMBER 13
The Conference Center, Pacifico Yokohama Room 4

AS8 Respiratory Structure and Function: Pulmonary Function Tests Update

Target Audience
Providers of lung health, registered nurses, advanced practice nurses, those providing for both rare and common diseases, those with a single disease focus, those providing for adults and those providing for children with lung diseases who wish to learn about the latest advances in disparate areas of pulmonary function tests.

Objectives
1. Identify new clinical test for OSAS and COPD, and identify new clinical test using forced oscillation technique.
2. Understand the pulmonary function tests for children.
3. Understand the relationship between deep inspiration and pulmonary function tests.
4. Describe the structure and function changes in patients with cystic fibrosis.

Summary
Pulmonary function tests came back to the symposium organized by the respiratory structure and function assembly. This year, relatively new clinical tests will be introduced to the audience. The symposium also includes the deep inspiration which plays an important role in the pulmonary function tests. Lung functions of the children, and of the patients with cystic fibrosis will be also discussed extensively.

Chairing: Peter D. Pare
(Department of Laboratory Medicine and Pathology, University of British Columbia, St. Paul's Hospital, Canada)
Michiaki Mishima
(Department of Respiratory Medicine, Graduate School of Medicine Kyoto University, Japan)

AS8-1 New clinical test for evaluation of cardiovascular risks in OSAS and in COPD using a conventional hematology analyzer
Ichiro Kuwahira
(Department of Pulmonary Medicine, Tokai University Tokyo Hospital, Tokyo, Japan)

AS8-2 Pediatric Pulmonary Function
Sarah, C Ranganathan
(Department of Respiratory Medicine, Royal Children's Hospital Melbourne, Melbourne, Australia/Infection and Immunity, Murdoch Children's Research Institute, Melbourne, Australia/Department of Paediatrics, University of Melbourne, Melbourne, Australia)

AS8-3 Forced oscillation technique (FOT)
Hajime Kurosawa
(Department of Occupational Health, Tohoku University School of Medicine, Japan)

AS8-4 Deep Inspiration: Its role in causing Airway Hyperresponsiveness in Asthma
Peter Pare
(University of British Columbia, Vancouver, Canada)

AS8-5 Structure and function changes in children and adults with cystic fibrosis
Harm Tiddens
(Inhumin MC, Rotterdam, Netherlands)

Assembly Symposium 9
WEDNESDAY - NOVEMBER 13
The Conference Center, Pacifico Yokohama Room 4

AS9 Lung Cancer: Targeted therapy for lung cancer

Target Audience
The target audience members expected to join this symposium are young investigators who are studying the molecular biology and molecular pathology of lung cancer, young and senior investigators who take part in and/or conduct clinical trials on lung cancer, and young investigators who wish to learn the newest information on thoracic oncology from top leaders in this field.

Objectives
1. Understand the newest systems for the studies of thoracic oncology
2. Understand studies on the molecular mechanisms of drug resistance
3. Present situations in lung cancer clinical trials and the way to use targeted drugs based on the newest evidence.

Summary
Main stream of drug therapy for lung cancer this century is based on molecular targeted therapy. The administration of EGFR TKI or ALK inhibitors to appropriate patients resulted in improved survival and enhanced OOL. Accordingly, we have faced new issues such as 1) how to discover unknown driver
gene mutations. 2) how to detect specific mutations from observations of rare mutations, 3) how to screen eligible drugs to establish optimal treatment, and 4) how to develop new targeted drugs to establish optimal treatment, and 5) how to overcome drug resistance. In this symposium, we will exchange and share information among top investigators, and discuss these issues.

Chairing: Rudolf M. Huber
(Division of Respiratory Medicine and Thoracic Oncology, Thoracic Oncology Centre Munich, University of Munich, Germany)
Yoichi Nakanishi
(Research Institute for Diseases of the Chest, Kyushu University, Japan)

AS9-1 Challenges to Investigate Lung Carcinogenesis at the University of Texas M.D. Anderson Cancer Center Thoracic Molecular Pathology Lab.
Junya Fujimoto
(Department of Translational Molecular Pathology, Division of Pathology and Laboratory Medicine, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, USA)

AS9-2 Targeted therapy for lung cancer: Clinical trials for lung cancer in Europe
Rudolf M. Huber
(University of Munich, Bavaria, Germany/Thoracic Oncology Centre Munich, Bavaria, Germany)

AS9-3 Targeted therapy to lung cancer with EML4-ALK mutation
Keunchil Park
(Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)

AS9-4 Molecular mechanisms of resistance to EGFR-TKI in lung cancer
Seiji Yano
(Kanazawa University, Ishikawa, Japan)

Summary
The aims of this session are to: review and update asthma and COPD pathogenesis; and discuss a role of bacteria and virus infection in pathogenesis and mechanism in exacerbation of asthma and COPD.

Chairing: Monica Kraft
(Division of Pulmonary, allergy and Critical Care Medicine, Duke University Medical Center, U.S.A.)
Yui Tohda
(Fourth Department of Internal Medicine, Kinki University School of Medicine, Japan)

AS10-1 Update on COPD biomarkers
Ian A Yang
(The Prince Charles Hospital and The University of Queensland, Brisbane, Australia)

AS10-2 The Initiation of Allergic Asthma: Bacterial Products Revisited
Shuichi Maruoka
(Division of Respiratory Medicine, Nihon University School of Medicine, Tokyo, Japan)

AS10-3 Infections and COPD exacerbations Focus on respiratory viruses
Alberto Papi
(Section of Respiratory Diseases of the Department of Clinical And Experimental Medicine, University of Ferrara at S. Anna University Hospital, Italy)

AS10-4 Asthma, infection and innate immunity
Monica Kraft
(Division of Pulmonary, allergy and Critical Care Medicine, Duke University Medical Center, U.S.A.)

Assembly Symposium 11

AS11 Tuberculosis: from Bench to clinics: focus on new TB clinical trials

Target Audience
All stakeholders in TB, clinicians, clinical and bench researchers, trainees and students

Objectives
To give an overview and update on current groundbreaking researches in TB tools in diagnosis, treatment and vaccines and the challenges posed as well as its impact on guidelines and practice.

Summary
The TB assembly symposia focuses on the different facets of TB clinical tri-
Chairing: Charles Yu
(Office of the Vice Chancellor for Lasallian Mission & Linkages, De La Salle Health Sciences Institute, Philippines)
Tori Mori
(Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Japan)

AS11-1 Overview: Challenges in 21st century TB Clinical Research
Charles Yu
(Office of the Vice Chancellor for Lasallian Mission & Linkages, De La Salle Health Sciences Institute, Philippines)

AS11-2 Development of Delamanid for the Treatment of Multidrug-Resistant Tuberculosis
Jeffrey Haflin
(Otsuka Pharmaceutical Development and Commercialization, Rockville, Maryland, USA)

AS11-3 New diagnostics and TB vaccines
Tori Mori
(Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Japan)

Philip Hopewell
(Curry International Tuberculosis Center University of California, San Francisco, USA)

Summary
This symposium addressed by international experts will discuss recent advances in the relationship between lung inflammation and cardiovascular disease and the consequences of air pollution on lung health. The symposium will also review the diagnosis and treatment of chronic cough, commonly encountered in daily practice and the diagnosis and treatment of protozoal lung diseases seen frequently in Asia-Pacific region.

Chairing: V.K. Vijiyan
(Pulmonary Medicine, Bhopal Memorial Hospital & Research Centre, Bhopal, India)
Hajime Takizawa
(Department of Respiratory Medicine, Kyorin University, Japan)

AS12-1 Effects of Lung Inflammation on Cardiovascular Health
Don D. Sin
(Department of Medicine, St. Paul’s Hospital, University of British Columbia, Canada)

AS12-2 Chronic cough: Diagnosis and management
Nan-Shan Zhong
(Guangzhou Medical College, China)

AS12-3 Impact of air pollution on lung health
Hajime Takizawa
(Kyorin University School of Medicine, Tokyo, Japan)

AS12-4 Protozoal Parasites and Lung Diseases
V K Vijayan
(Bhopal Memorial Hospital & Research Centre, Bhopal, and Valabhai Patel Chest Institute, University of Delhi, India)

Assembly Symposium 13
THURSDAY • NOVEMBER 14 9:00-10:30
The Conference Center, Pacifico Yokohama Room 4

AS13 Critical Care Medicine: ARDS: new definition and a new approach for the future

Target Audience
Pulmonary and critical care physicians, doctors in general medical fields, and allied health professionals (e.g., nurses, nurse practitioners, respiratory therapists). Because of the emphasis on clinical and scientific investigation, this symposium also target basic, translational, and clinical investigators who are interested in ARDS, as well as biomedical researchers within industries.

Objectives
1. Identify new approaches to diagnose ARDS and how to judge the patients’ condition
2. Understand and discuss the new criteria for ARDS (Berlin definition)
3. discuss current controversy how to treat and manage ARDS

Summary

Refined ARDS definition (Berlin definition) was proposed last year. This new definition will provide much clearer criteria for ARDS. Dr. Camponota, one of the ARDS Definition Task Force members, will give us the background and the future of Berlin definition. Even with this definition, we still need other parameters and biomarkers to assess the phase and the condition of ARDS to decide patients' management. Drs. Ware and Ichikado will discuss about biomarkers and image analyses for better understanding of patients' condition. Dr. Koh will summarize and discuss the management of ARDS. The audience will be able to learn up-to-date information about ARDS.

Chairing: Younsuck Koh
(Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)
Hiroshi Kubo
(Department of Advanced Preventive Medicine for Infectious Diseases, Tohoku University School of Medicine, Japan)

AS13-1 Biomarkers for Diagnosis, Prognosis and Clinical Trial Design in ARDS
Lorraine B. Ware
(Vanderbilt University, Nashville, Tennessee, United States of America)

AS13-2 High-resolution computed tomography in ARDS: What has it taught us?
Kazuya Ichikado
(Saiseikai Kumamoto Hospital, Kumamoto, Japan)

AS13-3 Berlin definition of Acute Respiratory Distress Syndrome
Luigi Camponota
(Department of Adult Critical Care, Guy’s and St Thomas’ NHS Foundation Trust, London, United Kingdom)

AS13-4 How to Manage Acute Respiratory Distress Syndrome?
Younsuck Koh
(Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea)

Assembly Symposium 14
THURSDAY - NOVEMBER 14
9:00-10:30
The Conference Center, Pacifico Yokohama
Room 4

AS14 Cell and Molecular Biology:
Hot topics in cell and molecular biology

Target Audience
Researchers of pulmonary medicine, cell physiology and molecular biology, respiratory physicians and students who are interested in the latest findings about the cell and molecular mechanisms of lung diseases including COPD, bronchial asthma and acute lung injury, those who wish to learn about the hot topics in lung cell and molecular biology

Objectives
1. obtain the latest information about the advances in lung cell and molecular biology
2. learn about the topics in COPD, bronchial asthma and ALI/ARDS
3. identify novel findings in immunity and airway remodeling

Summary

This APSR 2013 Cell and Molecular Biology session will be held by international experts who are intensively doing research about pulmonary medicine, basic cell physiology and molecular biology. Novel topics including epithelial mesenchymal transition in airways, lung and cancer stem cell research, molecular mechanisms underlying ALI/ARDS, and roles of T cells in airway remodeling are to be proposed and discussed in this session. The participants will be interested in the fashionable style of lung research using the up-to-date techniques and technology regarding cell and molecular biology, and some of them may start doing research after attending this session.

Chairing: Chul-Gyu Yoo
(Division of Pulmonary and Critical Care Medicine, Seoul National University College of Medicine, Korea)
Takahide Nagase
(Department of Respiratory Medicine, Graduate School of Medicine, The University of Tokyo, Japan)

AS14-1 Cellular and molecular mechanisms of epithelial mesenchymal transition in airway epithelial cells under airway inflammation
Yasuhito Yamauchi
(The University of Tokyo, Tokyo, Japan)

AS14-2 New advances in lung stem cell and cancer stem cell fields
Ahmed E Hegab
(Division of Pulmonary Medicine, Department of Medicine, Keio University School of Medicine, Tokyo, Japan)

AS14-3 Molecular Mechanisms Underlying ALI/ARDS
Chul-Gyu Yoo
(Department of Internal Medicine, Seoul National University College of Medicine, Seoul, Korea)

AS14-4 Novel roles of T cells in airway remodeling
James G. Martin
(Department of Medicine, McGill University, Canada)
Assembly Symposium 15
THURSDAY - NOVEMBER 14 10:30-12:00
The Conference Center, Pacifica Yokohama Room 3

AS15 Paediatric Lung Disease:
Innate immunity in children’s lung health and disease

Target Audience
Clinicians who look after children with respiratory problems
Scientists with a research interest in immunity of the lungs

Objectives
1. Appreciate the ontogeny of innate immunity in humans
2. Understand the contribution of innate immunity in children with asthma and protracted bacterial bronchitis
3. Recognise the importance of innate immunity responses to common respiratory pathogens

Summary
The innate immune response is a genetically conserved, pre-programmed response to molecular patterns. It is responsible for the initiation of immune responses to potentially noxious stimuli. Innate immunity is required for adaptive immunity to function effectively, and its responses in children differ from those in adults.

Innate immunity likely plays a pivotal role in health and disease. Its importance as a modifier of pulmonary illnesses is increasingly recognized. In this symposium, presentations focus on the development of innate immunity as a child matures, and the relationship between clinical disease and innate immune function.

Chairing: Anne Chang
(Royal Children’s Hospital, Australia)
Shigemi Yoshihara
(Department of Pediatrics, Dokkyo Medical University, Japan)

AS15-1 Relevance of innate immunity in childhood asthma
James G. Martin
(Meakins-Christie Laboratories, Department of Medicine, McGill University, Montreal, Quebec, Canada)

AS15-2 Ontogeny of innate immunity in the lung-an overview
John W. Upham
(The University of Queensland, Queensland, Australia)

AS15-3 Innate immunity in children with protracted bacterial bronchitis
Anne, B Chang
(Queensland Children’s Respiratory Centre, Royal Children’s Hospital, Brisbane, Queensland, and Menzies School of Health Research, Darwin, Northern Territory, Australia)

AS15-4 Innate immunity responses to common respiratory pathogens in the upper airways
Takashi Hirono
(Oita University, Faculty of Medicine, Department of Otolaryngology, Oita, Japan)

Assembly Symposium 16
THURSDAY - NOVEMBER 14 10:30-12:00
The Conference Center, Pacifica Yokohama Room 4

AS16 Bronchoscopy and Interventional Techniques:
Diagnosing Peripheral Pulmonary Nodules

Target Audience
Bronchoscopists, pulmonologists, oncologists, researchers, registered nurses, fellows and residents in training

Objectives
1. Recognize new findings in pulmonary intervention techniques in the field of diagnostic bronchoscopy;
2. Describe how new findings in interventional pulmonary techniques modify approaches to diagnosis peripheral pulmonary nodules;
3. Determine how quality improvement strategies can be applied in diagnostic bronchoscopy for small lesions.

Summary
Interventional bronchoscopy is a challenging practice. Novel techniques have been developed and many of them are accessible. This session will review advances in the field of interventional technique for diagnosing peripheral pulmonary nodules. Available and novel topics to improve diagnostic yields will be presented by specialists. The choice of appropriate bronchoscope, and the use of the navigational bronchoscopy, including electromagnetic-guided and image-guided techniques, will be highlighted. The advantage and disadvantage of endoscopic procedure and trans thoracic needle aspiration (TTNA) will be discussed. This symposium will provide evidence-based, up-to-date knowledge and future insights for diagnostic interventional procedures.

Chairing: Yehuda A. Schwarz
(Tel Aviv Sourasky Medical Center, Israel)
Terumi Miyazawa
(St. Marianna University School of Medicine Hospital, Japan)

AS16-1 Thin bronchoscopy for peripheral pulmonary nodules
Masahide Oki
(Department of Respiratory Medicine, Nagoya Medical Center, Aichi, Japan)

AS16-2 SPN: EMB or TTNA, which is your choice?
Yehuda A. Schwarz
(Pulmonary Medicine Dep., Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel)
AS16-3  Back to the basics, lessons taught by Professors Tsuboi and Ikeda, plus sound improvement (EBUS)
Rex Chin-Wai Yung
(The Johns Hopkins Hospital, U.S.A.)

AS16-4  Advances in Navigational Bronchoscopy
Takashi Ishida
(Clinical Oncology Center / Department of Pulmonary Medicine, Fukushima Medical University, Japan)

Workshop - Japan Federation of Patient Organizations for Respiratory Diseases
TUESDAY - NOVEMBER 12
14:00-16:30
The Conference Center, Pacifica Yokohama  Room 3

WS1  Sharing common aim for better respiratory care—Professional Societies’ and Patient Organizations

Target Audience
Clinicians who are involved or willing to start or interested in patient organization and support groups to improve patient focused respiratory care in Asia-Pacific region.

Objectives
1. Describe several approaches for collaboration of professional societies and patient organizations
2. Describe outcome of sharing common aim between professional societies and patient organizations
3. Illustrate the value of working with patient organization/patient support groups and how it can be applied to overall respiratory care

Summary
In this workshop, we will share the experience of Japan Federation of Patient Organizations for Respiratory Diseases from both professional points of view and patient points of view, as a practical example, followed by the current status of patient support activity in Asia Pacific countries. The global experience COPD and Asthma will be presented for wider perspective, to give insights to the audience for starting and improving this valuable collaboration for better awareness and promotion of lung health, care and treatment.

Chairing: Nan-Shan Zhong
(Guangzhou Medical College, China)
Yoshinosuke Fukuchi
(Juntendo University School of Medicine, Japan)

WS1  Lessons learned from 10 years’ collaborations in Japan: Evolution and perspectives from patient organization viewpoint
Jun Ueki
(Clinical Research Unit of Respiratory Pathophysiology, Juntendo University Graduate School of Health Care and Nursing, Japan)

WS2  Lessons learned from 10 years’ collaborations in Japan: Evolution and perspectives from patient organization viewpoint
Kazuko Tohyama
(President of NPO J-Breath, JPORD Adviser, Japan)

WS3-1  Viewpoints from Thailand
Anith Nana
(Thailand Lung Association, Mahidol University, Thailand)

WS3-2  Contribution of Indonesian Pulmonologists to the Indonesian Asthma Foundation Activities
Faisal Yunus
(Head of Pulmonary and Respiratory Medicine, Faculty of Medicine Indonesia-Persahabatan Hospital, Jakarta, Indonesia)

WS3-3  TBA
Christine Jenkins
(Department of Thoracic Medicine, Concord Clinical School, Australia)

WS3-4  TBA
Teresa de Guia
(Philippine Heart Center, Philippines)

WS3-5  Serve the Patients through Cell-Phone Based Medicine in China
Chunxue Bai
(Department of Pulmonary Medicine, Zhongshan Hospital, Fudan University, China)

WS3-6  TBA
Ying-Huang Tsai
(Pulmonary and Critical Care, Chang Gung Memorial Hospital, Taiwan)

WS3-7  Sharing common aim for better respiratory care—Professional Societies’ and Patient Organizations
Ki-Suck Jung
(Hallym University Sacred Heart Hospital, Gumi, Republic of Korea)

WS4  A GLOBAL UPDATE ON COPD AWARENESS AND ACTION AMONG PATIENTS AND THE PUBLIC
Lawrence D Grouse
(University of Washington School of Medicine, Washington, United States of America)

WS5  Special Comments
Masaharu Nishimura
(Department of Neurology, Hokkaido University School of Medicine, Japan)
GINA The Global Initiative for Asthma (GINA) Launch of 2013

Target Audience
Health care professionals providing care for young children and adults with chronic asthma, respiratory, allergy, and pediatric specialists and general practitioners. Hospital clinic staff providing emergency care for acute asthma patients.

Objectives
1. Identify new approaches to care of chronic and acute asthma patients
2. Describe how to diagnose asthma, assess level of control and choose appropriate treatment options
3. Determine how asthma care is tailored to very young children

Summary
This session will summarize new recommendations in the “Global Strategy for Asthma Management and Prevention,” an evidence-based strategy report prepared by the Global Initiative for Asthma (GINA) to be released in early 2014.

Chairing: Claude Lemflant
(Executive Director, GINA, Vancouver Washington, USA)
Suzanne S. Hurd
(Scientific Director GINA, Vancouver Washington, USA)

GINA1 New recommendations: asthma management for adults
Helen K Reddel
(Woolcock Institute of Medical Research, NSW, Australia)

GINA2 Asthma Management for Young Children
Saren E. Pedersen
(Department of Pediatrics, Kolding hospital, Kolding, Denmark)

J Mark Fitzgerald
(University of British Columbia, Vancouver, Canada)

Objectives
1. To highlight the rationale behind combining bronchodilators to treat COPD
2. To review the evidence from key clinical trials that support the use of dual bronchodilators in patients with COPD
3. To review the impact of dual bronchodilators on COPD patient outcomes

Summary
The aims of this symposium are to examine the rationale and evidence for treating COPD patients with a combination of long-acting bronchodilators. Many COPD patients remain symptomatic despite treatment with single bronchodilators. Inhaled corticosteroids are often used earlier in COPD treatment than recommended in the current GOLD treatment strategy. Beta-agonists and muscarinic antagonists provide bronchodilation via distinct pathways and sites of action, and a small body of evidence from studies of free combinations of bronchodilators indicates benefit to patients in terms of lung function and other outcomes. A number of fixed-dose bronchodilator combinations are in development. The data supporting the use of the dual bronchodilator combinations in COPD, in terms of improvement in lung function measurements and symptoms, exacerbations and health status will be presented. The place of dual bronchodilation in COPD treatment guidelines will also be discussed.

Chairing: Masaharu Nishimura
(First Department of Medicine, Hokkaido University School of Medicine, Japan)

LS1-1 Improving lung function through dual bronchodilation in COPD
Jørgen Vestbo
(Institute of Inflammation and Repair, University of Manchester, Manchester, UK; Department of Respiratory Diseases, University of Southern Denmark, Odense, Denmark)

LS1-2 Measuring the impact of dual bronchodilation on COPD patient outcomes
Wisia Wedzicha
(Centre for Respiratory Medicine, Royal Free Campus, University College London, London, UK)

Co Sponsored by
Novartis Pharma AG

Luncheon Seminar 1
TUESDAY - NOVEMBER 12 11:20-12:20
The Conference Center, Pacifics Yokohama
Room 2

LS1 Dual bronchodilation: a new treatment option for COPD patients

Target Audience
Pulmonologists and primary care physicians with an interest in the management of COPD

LS2 Current asthma control and future risk of exacerbations -what can we do to manage our patients effectively?

Target Audience
Specialist respiratory physicians, Practicing physicians and nurses with an interest in treating respiratory disease, fellows and residents in training, and associated health care professionals
18th Congress of the Asian Pacific Society of Respirology

**Program**

**Objectives**
1. Define optimal asthma control in their patients
2. Support a strategy to reduce future exacerbations
3. Understand SMART as a treatment option

**Summary**
Following this presentation the participants will be able to effectively manage their asthma patients by helping them to optimally control their symptoms and reduce future risk of exacerbations.

**Chairing:** Ken Otta  
(National Hospital Organization Tokyo National Hospital, Japan)

**Speaker:** Claus Vogelmeier  
(Department for Respiratory Diseases, University of Marburg, Germany)

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**Luncheon Seminar 3**  
**TUESDAY - NOVEMBER 12**  
**The Conference Center, Pacifico Yokohama**  
**Room 4**

**LS3 Are we making progress? chemotherapy for advanced non-small cell lung cancer**

**Target Audience**
Clinicians, researchers, registered nurses, advanced practice nurses, respiratory therapists, fellows and residents in training

**Objectives**
1. Properly interpret the results of recent chemotherapy trials for NSCLC
2. Understand what are, and what are not, the "true" endpoints in clinical trials
3. How the future treatment of advanced NSCLC looks like

**Summary**
Efficacy of cytotoxic chemotherapy appears to be modest. However, "conventional" chemotherapy has achieved what EGFR-TKI or ALK inhibitors have not. Just let me remind you, for example, that post-operative adjuvant chemotherapy has significantly increased the "cure" rate, whereas it is not yet clear whether target-based drugs could "cure" a single patient. We must not underestimate the power of chemotherapy, nor should we run to medical nihilism, such as that everything is equal as long as it is platinum-based. What we need to do: properly interpret the results of clinical trials, and optimize our patient care.

**Chairing:** Akihiko Gemma  
(Department of Pulmonary Medicine and Oncology, Graduate School of Medicine, Nippon Medical School, Japan)

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**Luncheon Seminar 4**  
**TUESDAY - NOVEMBER 12**  
**The Conference Center, Pacifico Yokohama**  
**Room 5**

**LS4 Current & Future Treatment Strategy in EGFR gene mutation positive NSCLC.**

**Target Audience**
Clinicians, Researchers, Oncologist, Fellows and residents in training

**Objectives**
1. understand the evidences of EGFR-TKIs
2. know the future direction in treatment of EGFR gene mutation positive NSCLC
3. get the knowledge about oncogene in NSCLC

**Summary**
In the past 10 years, the treatment strategy of non-small-cell lung cancer has dramatically changed. The discovery of EGFR gene mutations, the routine testing of lung cancers for these EGFR mutations, and initial treatment with EGFR-tyrosine kinase inhibitors have all contributed to this progress. Several Phase III trial have now been conducted and all of them demonstrate superiority of EGFR-tyrosine kinase inhibitor over platinum-based therapy. But even with EGFR-TKI, most patients progress in 10 to 12 months. New issues are how we can prolong the treatment duration by treating after RECIST progressison and how we can effectively treat the patients after EGFR-TKI failure. In this seminar, these future directions will be discussed based on the activity in CTONG group and Dana Farber Cancer Institute.

**Chairing:** Kazuoka Takahashi  
(Division of Respiratory Medicine, Juntendo University Faculty of Medicine & Graduate School of Medicine, Japan)

**LS4-1 Bruce E. Johnson**  
(Dana-Farber Cancer Institute and Brigham and Women’s Hospital Harvard Medical School, U.S.A.)

**LS4-2 Yi-Long Wu**  
(Guangdong Lung Cancer Institute/Guangdong General Hospital, Guangzhou, PR China)

**Co Sponsored by**
Chugai Pharmaceutical Co., Ltd.
Luncheon Seminar 5
TUESDAY - NOVEMBER 12
11:20-12:20
The Conference Center, Pacific Yokohama
Room 6

LS5 An Asthma Treatment Option that can be a Change for the Better

Target Audience
Respiratory specialists, physicians in primary care practice, fellows and residents in training, and health care professionals who have special interest in managing patients with asthma.

Objectives
1. Identify the pharmacological properties of inhaled corticosteroids and long-acting bronchodilators that can contribute to their effectiveness, safety, and tolerability
2. Discuss the aspects of combination ICS/LABA therapy in asthma which are considered important by physicians in clinical practice
3. Integrate current insights, clinical trial data, and clinical experience in assessing asthma patients who can benefit from the new combination therapy

Summary
Combining fluticasone and formoterol for the first time in a single, patient-friendly, HFA-based pressurized metered-dose inhaler (Flutiform®), leading experts in the field will be sharing information on this new ICS/LABA therapy. Beginning with what would be considered an ideal ICS and LABA, the session will dig deep into the pharmacological properties of the individual components, their synergy, and what clinicians deem as important properties in making treatment decisions in asthma. An overview of efficacy and tolerability data from its comprehensive clinical trial programme will be discussed, and this will be bridged with the insights and clinical experience of the experts as to how the new treatment option can be a change for the better.

Chairing: Ki-Suck Jung
(Hallym University Sacred Heart Hospital, South Korea)

LS5-1 Fluticasone and formoterol: a powerful partnership
Peter J Barnes
(National Heart & Lung Institute, Imperial College, London, UK)

LS5-2 Flutiform®: Discovering the Latest Combination Product in Asthma Therapy
J Christian Virchow
(University of Rostock, Germany)

Co Sponsored by
Mundipharma Pte. Ltd.

Luncheon Seminar 6
TUESDAY - NOVEMBER 12
11:20-12:20
The Conference Center, Pacific Yokohama
Room 7

LS6 How should COPD be treated considering small airway obstruction and adherence?

Target Audience
Clinicians, researchers, registered nurses, advanced practical nurse, respiratory therapists, fellows and residents in training.

Objectives
This session will provide balanced information regarding various aspects of controversial therapy in COPD that has much interest of clinical for elderly patients COPD treatments.

Summary
Chronic obstructive pulmonary disease (COPD) is a chronic inflammatory disease that is characterized by persistent airflow limitation. Because of an aging population, the disease is becoming increasingly more common in Japan (and worldwide), with an estimated 5.3 million Japanese people aged>40 years thought to be living with the disease. Some studies have shown that inflammation of the small airway is associated with lung function abnormalities, leading to the concept that this lung compartment may be a useful target for the pharmacological treatment of COPD. Inhaled long-acting bronchodilators have been used to treat COPD. However, the recommendations given in the established guidelines are often followed poorly for various reasons, including poor adherence to the medication. Treatment by inhalation involves relatively complex procedures for handling the inhaler device. Elderly COPD patients have compromised coordination and thus find it harder to use inhaled devices than asthmatic patients. Because adherence to treatment is a critical component of treatment response, it is important to consider this factor when prescribing inhaled medications for elderly patients. To circumvent obstacles in COPD therapy for elderly patient, transdermal tubocuril patch is one of candidate medicine.

Chairing: Masakazu Ichinose
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Japan)

Speaker: Yasuhiro Setoguchi
(Tokyo Medical University Hospital, Tokyo, Japan)

Co Sponsored by
Abbott Japan Co., Ltd.
**LS7** Innovation for Individualisation: Navigating the guidelines

**Target Audience**
Physicians who manage asthma patients who have an interest in the current challenges and dilemmas in asthma management and in asthma management guidelines

**Objectives**
1. Have a better understanding of differences in asthma management guidelines.
2. Understand existing gaps in treatment options.

**Summary**
Asthma management and control varies within the Asia Pacific region with a variety of barriers faced by different countries to improve asthma patient care. Available evidence on asthma management comes mainly from traditional randomised controlled trials which may not answer key questions important for the management of patients. Alternative trial designs such as real world studies, population based evidence, may provide important evidence to the prescriber. Navigating the available evidence can be difficult. Guidelines provide some guidance on interpreting the evidence although interpretation of the evidence varies by guideline committee which can lead to different management approaches even within one region.

**Chairing:** Hirorin Sagara
(Showa University, Tokyo, Japan)

**LS7-1** Putting the patient first
Ashley Woodcock
(University of Manchester, Manchester, UK)

**LS7-2** Future opportunities
Jan Lövblad
(University of Gothenburg, Gothenburg, Sweden)

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**LS8** Omalizumab in allergic asthma: a clinical update

**Target Audience**
Omalizumab is licensed for the treatment of adults and adolescents (aged 12 years and over) with moderate-to-severe (US) or severe (EU) allergic asthma that remains uncontrolled despite treatment with inhaled corticosteroids (ICS) and, in the EU, inhaled long-acting beta2-agonists (LABA). We therefore believe that the target audience for this symposium are clinicians who treat allergic asthma, including pulmonologists and allergists.

**Objectives**
1. To highlight what we know about how omalizumab works in allergic asthma, and what has yet to be established.
2. To review the evidence from key clinical trials and real world studies that support the use of omalizumab in adults and adolescents with allergic asthma.
3. To review the evidence supporting the use of omalizumab in children with allergic asthma.

**Summary**
This symposium will provide an update for clinicians on the current status of omalizumab in the treatment of severe allergic asthma. We will be discussing the current understanding around the mechanism of action of omalizumab, as well as the potential of omalizumab to improve outcomes in children, adolescents and adults with reference to major clinical trials and observational studies. The symposium will also include an opportunity for delegates to put their questions on omalizumab to the faculty.

**Chairing:** Ken Ohta
(National Hospital Organization Tokyo National Hospital, Japan)

**LS8-1** How omalizumab works: what we know and what we don’t
Klaus Robe
(University of Kiel and Lungen Clinic Grosshansdorf, Kiel, Germany)

**LS8-2** The efficacy and safety of omalizumab in asthma
Ken Ohta
(National Hospital Organization Tokyo National Hospital, Tokyo, Japan)

**LS8-3** Omalizumab in children with allergic asthma
Antonio Nistico
(Children’s Hospital La Fe, Valencia, Spain)

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**LS9** Importance of the inhalational therapy for COPD treatment

**Target Audience**
COPD & Asthma specialist, Pulmonologist
Objectives
1. Understand importance of the physical activity in the COPD patients
2. Understand importance of the early intervention in the COPD patients
3. Understand the importance of the inhalational device for the COPD treatment

Summary
COPD is considered to be a preventable and treatable disease recently. Therefore, early treatment intervention is very important. However, COPD is under diagnosis and there are not many patients intervened in early stage. Long-acting bronchodilators are currently the most effective therapy for COPD patients and reduce symptoms by acting on small airways to reduce air trapping. Furthermore, pulmonary rehabilitation, which includes exercise training, smoking cessation, nutritional intervention, and patient’s education, reduces symptom burden, increases exercise capacity, improves HRQoL, and reduces health care utilization, probably reducing the severity of exacerbations.

In this seminar, I reconfirm importance of the early treatment of COPD at a point of view of medical treatment and the rehabilitation.

Chairing: Masakazu Ichinose
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Japan)

LS9-1 Pulmonary rehabilitation and pharmacologic therapy: strategy for improving physical activity in COPD
Hideki Katsura
(Division of Respiratory Medicine, Tokyo Women’s Medical University Yachiyo Medical Center, Japan)

LS9-2 Importance of the early intervention in the COPD patients
Peter J Barnes
(National Heart & Lung Institute, Imperial College, London, UK)

Co Sponsored by
Nippon Boehringer Ingelheim Co., Ltd.

Luncheon Seminar 10
WEDNESDAY - NOVEMBER 13 11:20-12:20
The Conference Center, Pacific Yokohama Room 5

LS10 Latest news in combinations therapy in asthma

Target Audience
Clinicians, researchers, pharmacists, respiratory therapists, fellows and residents in training

Objectives
1. discuss the current therapy in asthma
2. discuss and learn combinations therapy in asthma
3. learn about new asthma drug

Summary
This session will review current therapy, especially combination therapy, in asthma and provide an introduction to the features of the new ICS/LABA combination drug.

Chairing: Shu Hashimoto
(Division of Respiratory Medicine, Nihon University School of Medicine, Japan)

Speaker: Alberto Papi
(Section of Respiratory Diseases of the Department of Clinical And Experimental Medicine, University of Ferrara at S. Anna University Hospital, Italy)

Co Sponsored by
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Luncheon Seminar 11
WEDNESDAY - NOVEMBER 13 11:20-12:20
The Conference Center, Pacific Yokohama Room 6

LS11 Latest strategies in the treatment of advanced NSCLC, achieving efficacy with less toxicity

Target Audience
Oncologists, pulmonologists who conduct chemotherapy, nurses and pharmacists who see lung cancer patients treated with chemotherapy

Objectives
1. Discuss recent chemo treatment strategy which is applicable to daily clinical practice in NSCLC
2. Describe importance of QOL when interpreting clinical studies in NSCLC

Summary
In this session Dr. Zinner, a primary investigator of PRONOUNCE study, will review advances of NSCLC chemotherapy for recent years as well as the latest clinical trials presented this year which could impact on our daily clinical practice. He will then discuss importance of balancing efficacy and toxicity by showing QOL-related endpoints such as PFS without Grade 4 toxicity (G4 PFS), EGSD-I/ VAS etc. He will also provide some examples of the U.S. practice to maintain patients’ QOL in NSCLC chemotherapy.

Chairing: Kazuhiisa Takahashi
(Division of Respiratory Medicine, Juntendo University Faculty of Medicine and Graduate School of Medicine, Japan)

Speaker: Ralph G. Zinner
(Department of Investigational Cancer Therapeutics, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, U.S.A.)

Co Sponsored by
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### Luncheon Seminar 12

**LS12  Review of the Japanese CAP therapeutic guidelines for adults**

**Target Audience**
Clinicians, infection control doctors, researchers and residents in training.

**Objectives**
1. Learn about differential diagnosis of pathogens causing CAP, and choice of appropriate antimicrobials
2. Identify the difference of recommendations between Japan and North America
3. Learn about current prevalence of atypical pathogenic infections in Japan

**Summary**
This seminar will provide useful therapeutic recommendations against CAP by the guidelines of the Japanese Respiratory Society with comparison of the ATS/IDSA therapeutic guidelines, and provide various information regarding prevalence of causative pathogens of CAP in Japan.

**Chairing:** Shoji Kudoh  
(Fukuoka Hospital of Japan Anti-Tuberculosis Association, Japan)

**Speaker:** Tadashi Ishida  
(Department of Respiratory Medicine, Kurashiki Central Hospital, Ohara Memorial Healthcare Foundation, Okayama, Japan)

**ES1-2  COPD pathogenesis, mechanism of disease progression and management**
Jorgen Vestbo  
(University of Southern Denmark, Odense University Hospital, Odense, Denmark)

**ES1-3  COPD management and future possibilities**
Paul Jones  
(Division of Clinical Science, St George’s Hospital, University of London, London, UK)

**Co Sponsored by:**  
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### Evening Symposium 1

**ES1  Current approaches and future directions in COPD: diagnosis, burden, pathogenesis and management**

**Chairing:** Masakazu Ichinose  
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Japan)

**ES1-1  The diagnosis and impact of COPD**
Tomoko Bettsuyaku  
(Division of Pulmonary Medicine, Department of Medicine, Keio University, Tokyo, Japan)

**ES1-2  Next-generation hallmarks of lung adenocarcinoma**
Marcin Mielniski  
(Broad Institute of Harvard and M.I.T. Molecular Pathology Unit, Massachusetts General Hospital, USA)

**ES1-3  Cutting-edge of Cancer Genomic “Target genome sequence toward clinical application”**
Koichi Hagiwara  
(Department of Allergy and Respiratory Medicine, Saitama Medical University, Japan)

**Co Sponsored by:**  
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ES3 When, Why, How do asthma & COPD patients experience exacerbation?

Target Audience
CPD & Asthma specialist, Allergist, Pulmonologist

Objectives
1. be enlightened importance of Asthma & COPD exacerbation
2. understand pathophysiology of Asthma & COPD exacerbation
3. understand the importance of inhalation device to prevent exacerbation.

Summary
Disease control and QOL of patients with COPD and asthma have been improved significantly through the advanced drug treatment of recent years. However, despite using current drugs and treatment, the number of patients who experience frequent worsening/exacerbation is not decreasing. To be well controlled, Asthma & COPD worsening/exacerbation are regarded as one of the most important aspects because both of them significantly affect patient’s ADL and QOL in terms of airway remodeling, disease progression, prevention of lung dysfunction and so on.

In this symposium, we will be able to re-confirm and overview the importance of controlling exacerbation, the difference of pathophysiology/diagnosis/current treatment options in terms of asthma & COPD exacerbation.

Chairing: Mitsuhiro Adachi
(Department of clinical research center International University of Health and Welfare/Sanno Hospital, Japan)
Koito Ohita
(National Hospital Organization Tokyo National Hospital, Japan)

ES3-1 Asthma and COPD in Asia Pacific
Christopher KW Lai
(Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong)

ES3-2 Phenotypes of asthma/COPD and exacerbation
Koichiro Asano
(Division of Pulmonary Medicine, Department of Medicine, Tokai University School of Medicine, Japan)

ES3-3 Correlation between exacerbation and peripheral airway in asthma & COPD
Motokazu Kato
(Department of Respiratory Medicine, Kishiwada City Hospital, Japan)

ES3-4 Future direction of inhaled anticholinergic drugs for airway obstructive diseases: lesson from TIOSPIR trial
Shu Hashimoto
(Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine, Japan)

Co-Sponsored by
Nippon Boehringer Ingelheim Co., Ltd.

CB1 Rethinking the treatment landscape of COPD

Target Audience
Pulmonologists and primary care physicians with an interest in the burden and management of COPD

Objectives
1. To discuss the real-world impact of COPD, the importance of symptom management and the progress that has been made in COPD management with a focus on symptoms and activity
2. To introduce GOLD strategy goals for assessing COPD (based on symptoms and risk) with a focus on GOLD A and B patients
3. To highlight the importance of bronchodilator in the management of COPD

Summary
The aims of this symposium are to examine the burden of COPD on the patient, and consider the treatment options available. COPD has a major real-world impact on patients, and early diagnosis and timely and appropriate management are critical. Physicians are also increasingly aware of the presence of comorbidities in COPD patients. Measurement of treatment efficacy has also evolved, moving beyond lung function and towards increasing activity, improving symptoms and reducing exacerbations. Several new therapeutic options are emerging, offering physicians the opportunity to change or combine treatments for patients who are less or more symptomatic and are at lower or higher risk of COPD exacerbations. The evidence for these approaches in the treatment of COPD will be presented.

Chairing: Michiaki Mishima
(Graduate School of Medicine Kyoto University, Japan)

CB1-1 Uncovering the burden of COPD
Christine Jenkins
(Department of Thoracic Medicine Concord Hospital and the George Institute for Global Health, Sydney, Australia)
CB1-2  Low risk, more symptoms, what are the options?  
(Pneumology Department, Vall d’Hebron University Hospital, Barcelona, Spain)  
Co Sponsored by  
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**Coffee Break Seminar 2**  
**WEDNESDAY - NOVEMBER 13**  
15:35-16:25  
The Conference Center, Pacifico Yokohama  
Room 3

**CB2  Management of IPF: the role of pharmacotherapy and strategy to overcome acute exacerbation**

**Target Audience**  
Clinicians and fellows interested in interstitial lung diseases and particularly in idiopathic pulmonary fibrosis.

**Objectives**  
- Improve their understanding of current perspectives on the treatment of idiopathic Pulmonary Fibrosis.

**Summary**  
This session will review advances over the last few years in pharmacotherapy for IPF, especially about current situation of priflenide in Japan and EU.

**Chairing:** Yasuhiro Setoguchi  
(Tokyo Medical University, Japan)

**CB2-1  to be determined**  
Luca Richeldi  
(University of Southampton, U.K.)

**CB2-2  Acute exacerbation in IPF-Treatment approach to this life-threatening complication**  
Hiroyuki Taniguchi  
(Tosai General Hospital, Japan)

**Chairing:** Keiichi Kubo  
(Nagano Prefectural Hospital Organization, Japan)

**Speaker:** Seitaro Fujishima  
(Center for General Internal Medicine and Education, School of Medicine, Keio University, Japan)

**Co Sponsored by**  
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**Coffee Break Seminar 3**  
**WEDNESDAY - NOVEMBER 13**  
15:35-16:25  
The Conference Center, Pacifico Yokohama  
Room 4

**CB3  Acute Respiratory Distress Syndrome: A Case-based Approach for a Heterogenous Pathophysiological Condition**

**Target Audience**  
The target audience will be physicians and researchers who are interested in the field of Acute Respiratory Distress Syndrome (ARDS). This audience will include professionals with sufficient background to allow appreciation of the case-based presentation that will be used to show current knowledge and details of the heterogeneity of ARDS.

**Objectives**  
1. Understand the new Berlin definition of ARDS  
2. Appreciate the heterogeneity of ARDS  
3. Master treatment strategies for various types of ARDS

**Summary**  
Acute Respiratory Distress Syndrome (ARDS) is defined as a hypoxic condition that develops in patients with various underlying diseases or injuries and shows bilateral lung infiltrates on chest X-rays. In 2012, the new Berlin definition of ARDS was published to improve the specificity of clinical diagnosis. However, exclusion of other diseases that show similar clinical findings is still a matter of critical importance. Furthermore, response to treatment is non-uniform and depends on the underlying condition and the time after onset. In this lecture, multiple ARDS cases will be presented to illustrate the current understanding of the disease.

**Chairing:** Keishi Kubo  
(Nagano Prefectural Hospital Organization, Japan)

**Speaker:** Seitaro Fujishima  
(Center for General Internal Medicine and Education, School of Medicine, Keio University, Japan)

**Co Sponsored by**  
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**Coffee Break Seminar 4**  
**WEDNESDAY - NOVEMBER 13**  
15:35-16:25  
The Conference Center, Pacifico Yokohama  
Room 5

**CB4  Cough, asthma, and cysteinyl-leukotrienes**

**Target Audience**  
Clinical, translational, or basic researchers with an interest in pulmonary or allergic disease related to airway inflammation and airway hyperreactivity. Clinicians, those responsible for clinical pathways or guidelines for the management of cough in asthma and involved in pulmonary or allergic disease. All physicians interested in treatment and mechanism of cough in asthma.

**Objectives**  
Understand the role of mechanism and new findings about treatment of cough in asthma.

**Summary**  
This session will provide information regarding cough in asthma and cysteinyl-leukotrienes (cys-LTs), one of the chemical mediators that plays major pathophysiological roles in asthma. Anti-leukotrienes, including leukotriene recop-
tor antagonists (LTRAs) which block cysteLT1 receptors, exert both bronchodi-
latory and anti-inflammatory effects and are utilized as controller medication of
persistent asthma. One of the important clinical questions is that whether
LTRAs involve non-specific antiviral effects. It will be introduced and de-
scribed with clinical studies and mechanism of cough in asthma.

Chairing: Hirotsugu Kohgo
(Deartment of Respiratory Medicine, Kumamoto University, Japan)

Speaker: Akio Nii
(Deartment of Medical Oncology and Immunology, Nagoya
City University, Graduate School of Medical Sciences, Ja-
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Coffee Break Seminar 5
WEDNESDAY · NOVEMBER 13 15:35-16:25
The Conference Center, Pacifico Yokohama

CB5 Regulation of airway cleaning in inflammatory air-
way diseases

Target Audience
Clinicians, researchers, registered nurses, advanced practice nurses, respira-
tory therapists, clinical and research fellows, residents in training, and med-
ical students who wish to learn about regulation of airway mucus secretion
and mucociliary transport and treatment of impairment of airway clearance in
chronic airway inflammatory diseases including bronchiectasis, diffuse pan-
bronchiolitis, asthma, and COPD.

Objectives
1. describe how airway mucus secretion is regulated;
2. identify cellular and molecular mechanisms of airway mucociliary transport;
3. discuss and learn treatment of airway hypersecretion in chronic airway dis-

Summary
Airway clearance depends on ciliary motility of airway epithelial cells, coordi-
nation of ciliary beating, and rheological properties of airway surface fluid.
There are several ways to enhance airway clearance, including to activate air-
way ciliary motility, to reduce production of viscous mucus, bronchodilation,
and to attenuate airway inflammation. In this session, I will demonstrate that
the 14-membered macrolides such as erythromycin and clarithromycin in-
crease ciliary beat frequency of human airway epithelial cells and stimulate
rabbit mucociliary transport rate. Therefore, macrolides can be used for the
treatment of airway mucociliary dysfunction in various inflammatory diseases.

Chairing: Masaharu Nishimura
(First Department of Medicine, Hokkaido University Graduate
School of Medicine, Japan)

Speaker: Jun Tamaoki
(Tokyo Women’s Medical University, Tokyo, Japan)

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Coffee Break Seminar 6
WEDNESDAY · NOVEMBER 13 15:35-16:25
The Conference Center, Pacifico Yokohama

CB6 Usefulness of Biomakers in interstitial lung dis-

ease

Target Audience
Physician with an interest in biomarkers for diagnosis of interstitial lung dis-
 ease.

Objectives
1. Have a better understanding of new international multidisciplinary classifi-
cation of idiopathic interstitial pneumonias, and the potential of the biomark-
ers
2. Have a better understanding of the usefulness of biomarkers, including KL-
6 in the diagnosis of interstitial lung disease
3. Have a better understanding of an expectations and evaluation of KL-6 in
diffuse parenchymal lung disease in Europe.

Summary
KL-6 are commonly used to diagnose interstitial lung disease in Japan, but is
still not widely known and used in overseas. New international multidisciplinary classification of idiopathic interstitial pneumonia is published by the ATS/ERS in 2013, biomarkers has been intro-
duced in consensus statement.
In this seminar, we ask specialists to provide the latest findings in the diagno-
sis of interstitial lung disease, focusing on KL-6.

Chairing: Nobuaki Kohno
(Hiroshima University, Hiroshima, Japan)

CB6-1 Update of the International Multidisciplinary Classifica-
tion of the ILPs: Roles of Biomarkers
Yoshikazu Inoue
(Kinki-Chuo Chest Medical Center, Osaka, Japan)

CB6-2 Role and expectation of serum biomarkers including KL-6
in ILD
Ulrich Costabel
(Ruhrlandklinik, Essen, Germany)

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CO., LTD.
OS01 Lung Cancer 1

Chairing: Ralph G. Zinner
(The University of Texas MD Anderson Cancer Center, U.S. A.)
Yoshiki Hasegawa
(Nagoya University Hospital, Japan)

OS1 Efficacy And Safety Of Platinum-Combination Chemotherapy Re-Challenge For Non-Small-Cell Lung Cancer Patients Relapsed After Adjuvant Chemotherapy Of Cisplatin Plus Vinorelbine
Keiko Muraki
(Department of Respiratory Medicine, Juntendo University, Graduate School of Medicine, Tokyo, Japan)

OS2 Phase I/II Study Of Amrubicin Combined With Nedaplatin (Cdgp) In Untreated Non-Small-Cell Lung Cancer
Yoichi Nakamura
(Second Department of Internal Medicine, Nagasaki University Hospital, Nagasaki, Japan)

OS3 Prognostic Factors For Patients With Lung Cancer In The Terminal Stage
Ryo Matsunuma
(The Department of Respiratory medicine, The Komatsu municipal hospital)

OS4 The Outcome Of Patients With Resected Clinical N3 Or M1 Lung Cancer
Takehito Shukuya
(Department of Respiratory Medicine, Juntendo University, Graduate School of Medicine)

OS5 Prognosis And Prognostic Factors In Advanced Lung Cancer Patients Diagnosed Following Emergency Admission: A Single Critical Care Medical Center Study
Daichi Fujimoto
(Department of Respiratory Medicine, Kobe City Medical Center, General Hospital)

OS6 A Retrospective Analysis Of The Effect Of Continuing Bevacizumab Beyond Disease Progression In Patients With Non-Small Cell Lung Cancer
Takashi Yokoi
(Department of Thoracic Oncology, Kansai Medical University, Hirakata Hospital)

OS02 Tuberculosis 1

Chairing: Phil Hopewell
(San Francisco general Hospital, University of California, San Francisco, U.S.A.)
Jun-ichi Kadota
(Oita University Hospital, Japan)

OS7 Profile And Treatment Outcome Of Extensive Drug Resistant Tuberculosis (Xdr-Tb) Patients In Persahabatan Hospital, Jakarta Indonesia
Diah Handyayan
(Department Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia)

OS8 Interferon-Gamma Responses To Tuberculosis-Specific Antigens During Treatment Course And Recurrence Of Tuberculosis
Nguyen Ti. Hang
(NCCM-BMH Medical Collaboration Center, Hanoi, Viet Nam)

OS9 Anti-Tuberculosis Drug Resistance Pattern Among Different Category Of Tuberculosis Patients In Bangladesh
Mostafizur Rahman
(National Institute of Diseases of Chest and Hospital (NIDCH), Dhaka)

OS10 Efficacy Of Real-Time Polymerase Chain Reaction For Rapid Diagnosis Of Endobronchial Tuberculosis
Gang Hou
(Institute of Respiratory Disease, The First Affiliated Hospital of China Medical University, Shenyang, China)

OS11 Linezolid For The Treatment Of Extensively Drug Resistant Tuberculosis: Multicenter, Randomized Controlled Study
Shenjie Tang
(TB diagnosis and treatment center, Shanghai Pulmonary Hospital Affiliated to Tongji University, Tuberculosis key Laboratory of Shanghai)

OS12 Clofazimine For The Treatment Of Multidrug-Resistant Tuberculosis: Multicenter, Randomized Controlled Study
Shenjie Tang
(TB diagnosis and treatment center, Shanghai Pulmonary Hospital Affiliated to Tongji University, Tuberculosis key Laboratory of Shanghai)
OS03 Clinical Respiratory Medicine 1

Chairing: Francis X McCormack  
(University of Cincinnati, U.S.A.)  
Kentaro Watanabe  
(Fukuoka University Hospital, Japan)

OS13 Sinobronchial Syndrome (Sbs) Not Upper Airway Cough Syndrome (Uacs): Clinical Experience With Low Dose Erythromycin (Ldem) Therapy In Thailand  
Chalee Putsipurnya  
(Chest Disease Institute of Thailand, Bangkok, Thailand)

OS14 The Prevalence And Outcomes Of Co-Morbid Illnesses In Elderly Patients With Respiratory Diseases  
Aye Bahnad  
(Yedikule Chest Diseases Hospital)

OS15 Patient Safety In Respiratory And Critical Care Medicine: From Errors To Solutions  
T. K. Lim  
(Department of Medicine, National University Hospital, Singapore.)

OS16 In Vivo Imaging Of Diffuse Pulmonary Ossification  
Hinoya Iwahori  
(Department of Respiratory Medicine, Mita Hospital, International University of Health and Welfare, Tokyo, Japan)

OS17 Importance Of Recognition Of Sinobronchial Syndrome (Sbs) Because Of Excellent Effect Of Low Dose Erythromycin (Ldem) Therapy In Thailand  
Chalee Putsipurnya  
(Chest Disease Institute of Thailand, Thailand)

OS18 Treatment Of Pulmonary Mucosa-Associated Lymphoid Tissue Lymphoma With Clarithromycin: A Case Report  
Qiao Yu  
(Department of Gerontology and Respirology Medicine, Xiangya Hospital of Central South University, Changsha, China)

OS04 Lung Cancer 2

Chairing: Bruce E. Johnson  
(Emory University School of Medicine, U.S.A.)

OS19 The Risk Factors For Severe Adverse Events Of Chemotherapy For Advanced Non-Small Cell Lung Cancer  
Kentarou Suira  
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine)

OS20 Distinct Characteristics Of Brain Metastases From Non-Small Lung Cancer With Egrf Mutation  
Akinesa Sekine  
(Kanagawa Cardiovascular and Respiratory Center, Yokohama, Japan)

OS21 Thymidylate Synthase Expression Can Guide Anti-Cancer Drug Selection For Advanced Non-Small Cell Lung Cancer Patients  
Tetsuo Shimizu  
(Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine, Tokyo, Japan)

OS22 Lung Cancer In Patients With Combined Pulmonary Fibrosis And Emphysema  
Makiko Yorota  
(Tokyo Metropolitan Cancer and Infectious diseases Center Komagome Hospital)

OS23 A Case Of Small Cell Lung Cancer With Cancer-Associated Retinopathy (Car) Accompanied By Circulating Anti-Crmp5/Cv2 Antibodies  
Mari Morita  
(The Department of Respiratory Medicine, Miyagi Cancer Center, Natori, Japan)

OS24 Phase II Study Of Amrubcin For Patients With Non-Small Cell Lung Cancer As Third-Line Or Fourth-Line Chemotherapy: Updated Results  
Satoshi Oizumi  
(Hokkaido University Graduate School of Medicine, Sapporo, Japan)
OS05 Tuberculosis 2

Chairing: Tae Sun Shim
(Department of Pulmonary and Critical Care Medicine, University of Ulsan College of Medicine, Asan Medical Center, Seoul, South Korea)
Tetsuo Yamaguchi
(JR Tokyo General Hospital, Japan)

OS25 Adenosine Deaminase Levels In Cerebrospinal Fluid For Diagnosis Of Tuberculous Meningitis (Tbm) And Its Correlation With Adverse Neurological Outcome
Aryan Khanna
(Department of Pulmonary and Critical Care Medicine, Safdarjung Hospital, New Delhi, India)

OS26 Impact Of Socio Economic Status On Net Outcome Dots Cat I & Cat II Cases
Manoj Meena
(Department of Respiratory Medicine, Institute of Medical Sciences, Banaras Hindu University, Varanasi, India)

OS27 Double Blind Randomized Placebo-Controlled Trial In Tuberculosis Patients With Tuberculosis Treatment Supplemented With Morrinda-Zinger Extract: The Speed Of Sputum Conversion
Mohamad Atifin Nawas
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia)

OS28 Longer Delays In Diagnosis Of Tuberculosis In A Tokyo Metropolitan Area
Kazue Fujita
(Department of Pulmonary Medicine, Infectious Diseases and Oncology, Graduate School of Medicine, Nippon Medical School, Tokyo, Japan)

OS29 The Incidence Of Multi Drug Resistant Tuberculosis Among Patients Receiving Standardized Treatment Regimens For Suspected Mdr-Tb
Augusto Jr Sablan
(Pulmonary Medicine, Lung Center of the Philippines)

OS30 Delay In Diagnosis Of Pulmonary Tuberculosis And Risk Of Nosocomial Transmission Among Intensive Care Units: A National Surveillance In Taiwan
Chih-Hsin Lee
(Department of Internal Medicine, Taipei Tzu Chi Hospital, The Buddhist Tzu Chi Medical Foundation/School of Medicine, Tzu Chi University, Hualien, Taiwan)

OS06 Clinical Respiratory Medicine 2

Chairing: Moo-Suk Park
(Yonsei University College of Medicine, Korea)
Kazuto Hiroti
(Graduate School of Medicine, Osaka City University, Japan)

OS31 Point-Of-Care Discrimination Of Exudative And Transudative Pleural Effusions In The Emergency Department
Hsin Goi
(Chest Division, Department of Internal Medicine, Buddhist Tzu Chi General Hospital, Taichung Branch, Taiwan)

OS32 Pulmonary Complications As An Independent Prognostic Factor In Patients With Hematologic Malignancies
Hiroshi Ohnishi
(Department of Hematology and Respiratory Medicine, Kochi University, Kochi, Japan)

OS33 Comparison Of Curb-65 And Curb-65 As A Prognostic Scoring System For Adult Patients With Pneumonia
Cleopas M Rumende
(Division of Respirology and Critical Care, Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

OS34 Hugos Score: A New Proposed Prognostic Score For Adult Patients With Pneumonia
Ceva W Pitojo
(Division of Respirology and Critical Care, Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

OS35 Clinical Features And Gremlin 1Rn Mutations In The 152 Unrelated Families With Birt-Hogg-Dubé Syndrome
Mika Kikka
(Division of Molecular and Biochemical Research, Biomedical Research Center, Juntendo University Graduate School of Medicine, Tokyo, Japan)

OS36 Correlation Of Exhaled Nitric Oxide, Nasal Nitric Oxide And Atopic Status In Bronchial Asthma And Allergic Rhinitis: An Indian Experience
Nitesh Gupta
(Department of Respiratory Allergy and Applied Immunology, Vallabh Vidyanalaya Chest Institute, University of Delhi, Delhi, India)
### ORAL PRESENTATION

**TUESDAY • NOVEMBER 12 **

**14:00-15:00**

The Conference Center, Pacifico Yokohama  
Room 6

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(New York Presbyterian Hospital-Weill Cornell Medical Center, U.S.A.)  
Kohei Yamauchi  
(Iwate Medical University School of Medicine, Japan) |
| OS37    | The Effects Of An Arg16Gly Adrb2 Polymorphism On Responses To Salmeterol Or Montelukast In Japanese Patients With Mild Persistent Asthma | Satoshi Konno  
(First Department of Medicine, Hokkaido University School of Medicine, Sapporo, Japan) |
| OS38    | Efficacy Of Tiotropium As Add-On Therapy For Adults With Uncontrolled Asthma: A Meta-Analysis | Marc Gregory Y. Yu  
(Department of Medicine, University of the Philippines-Philippine General Hospital, Manila, Philippines) |
| OS39    | High Asthma Prevalence In Schoolchildren From Metro Antananarivo (Madagascar): The Influence Of The Genetic Link To Polynesia? | Peter Th. Wolff  
(Pediatric Practice kids-doxx, Pfllendorf, Germany) |
| OS40    | Factors Associated With Uncontrolled Severe Asthma In Patients With Aspirin-Exacerbated Respiratory Disease | Chihiro Mitsui  
(Sagamihara National Hospital Clinical Research Center for Allergy and Rheumatology) |
| OS41    | Comparison Of Distal Airway Nitric Oxide Derived By 2 Cm And Tmad As An Index Of Inos Mrna Expression | Kazuyuki Chibana  
(Dokkyo Medical University school of Medicine Department of Pulmonary Medicine and Clinical Immunology) |
| OS42    | Association Studies Of SnpS In Asthma Candidate Genes In Pakistani Asthmatic Cases And Controls | Nusrat Saba  
(Institute of Biomedical and Genetic Engineering, G-9/1, Islamabad, Pakistan. Department of Biochemistry, Pir Mehar Ali Shah ANd Agriculture University Rawalpindi, Pakistan.) |
| OS08    | Critical Care Medicine 1                                               | Yoonsuck Koh  
(Asian Medical Center, University of Ulsan College of Medicine, Korea)  
Seitaro Fujishima  
(Koe University Hospital, Japan) |
| OS43    | Acute Presenting Symptoms, Clinical Profiles And Outcome Of Adult Medical Patients In Emergency Room Of Cipto Mangunkusumo Hospital | Gurneet Singh  
(Division of Respirology and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia) |
| OS45    | Efficacy And Safety Of Dexmedetomidine For Sedating Patients With Acute Exacerbation Of Chronic Respiratory Failure During Non-Invasive Ventilation | Shunsuke Akashi  
(Center of respiratory diseases, NHO Tokyo National Hospital) |
| OS46    | Preoperative Risk Scoring System For Infants And Young Children Undergoing Cardiothoracic Surgery (Predict) | Maria Nina F. Banque  
(Division of Pulmonary and Critical Care Medicine Section of Pediatric Pulmonology Philippine Heart Center) |
| OS47    | Non-Invasive Ventilation For Acute Respiratory Failure: One Year Observational Study | Toshiki Yokoyama  
(Department of Respiratory Medicine and Allergy, Tosei General Hospital, Aichi, Japan) |

**OS48 a vacant number**

### ORAL PRESENTATION

**TUESDAY • NOVEMBER 12 **

**14:00-15:00**

The Conference Center, Pacifico Yokohama  
Room 7

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| OS09    | Cell and Molecular Biology                                           | James G. Martin  
(McGill University, Canada)  
Yasuhiro Nishioka  
(Institute of Health Biosience, The University of Tokushima Graduate School, Japan) |
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<td>Qiaoyu (Department of Gerontology and Respiratory Medicine, Xiangya Hospital of Central South University, Changsha, China)</td>
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<td>OS50</td>
<td>A Critical Role Of Phosphorylation Of The Pten C-Terminus In Tgf-β-Induced β-Catenin Translocation Into Cytoplasm During Emt In Epithelial Cells</td>
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<td>Naouzumi Hashimoto (Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)</td>
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<td>OS52</td>
<td>The Involvement Of Il-8 And Leptin In Regulation Of Rsv Infected Bronchial Epithelial Cells On Th Subsets Drift</td>
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<td>Ling Qin (Respiratory department, Xiangya Hospital, Central South University, Changsha, China)</td>
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<td>OS54</td>
<td>Identification Of A Factor Responsible For Bronchiolar Progenitor Cell Kinetics</td>
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<td>Arisantoso (Department Respiratory Medicine, Tohoku University, Sendai, Japan)</td>
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### ORAL PRESENTATION

**OS10** Asthma 2

**Chairing:** Richard Beasley (Medical Research Institute of New Zealand, New Zealand)  
Hirotsugu Kohrogi (Kumamoto University Hospital, Japan)

**OS55** Observation Of Autophagy In Allergic Asthma Mice Models And The Effects Of Nerve Growth Factor Antibody Intervention  
Zuo Cao (Department of respiratory and intensive medicine, XiangYa hospital, Central south university)

**OS56** Plume Characteristics Of Fluticasone Propionate/Formoterol Fumarate Combination With Fluticasone Propionate/Salmeterol Pmdt  
Baljinder Johal (Mundipharma Research Ltd, Cambridge, UK)
Comparison Of Serial Rapid Shallow Breathing Index To Serial Crop Index In Prediction Of Weaning Outcome In Critical Care Patients
Angeline Taleon-Parazo
(Pulmonary and Critical Care, Philippine Heart Center)

Early Predictors Of Mortality In Patients With Mechanical Ventilation
Bona Adhista
(Department of Internal Medicine, Faculty of Medicine University of Indonesia, Jakarta, Indonesia)

Serum Albumin Level As A Predictor Of Mortality In Patient With Ventilator-Associated Pneumonia
Zulkifli Amin
(Division of Respirology and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

Wave Intensity Analysis Of The Pulmonary Circulation In Health And Disease
Edmund M.T. Lau
(Royal Prince Alfred Hospital, Sydney, Australia)

The Pulmonary Hypertension Registry In The Philippines: Results From The Philippine Heart Center - Center For Pulmonary Vascular Disorders
Maria Paz B. Mateo
(Center for Pulmonary Vascular Disorders, Division of Pulmonary and Critical Care Medicine, Philippine Heart Center, Manila, Philippines)

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Maria Paz B. Mateo
(Center for Pulmonary Vascular Disorders, Division of Pulmonary and Critical Care Medicine, Philippine Heart Center, Manila, Philippines)

Oslo Pulmonary Circulation
Chairing: Sean Gaine
(Mater Misericordiae University Hospital, University College, Ireland)
Koichiro Tatsumi
(School of Medicine, Chiba University, Japan)

Three Dimensional Echocardiography Is Useful For Assessing Right Ventricular Function In Patients With Pulmonary Hypertension Associated With Lung Diseases
Shinichi Hayashi
(Division of Respiratory Medicine, Nihon University School of Medicine.)

Simple Prediction Of Right Ventricular Ejection Fraction Using Tricuspid Annular Plane Systolic Excursion In Pulmonary Hypertension
Takahiro Sato
(First Department of Medicine, Hokkaido University Hospital)

Favorable Effect Of Oral Combination Vasodilator Therapy For Two Cases With Severe Portopulmonary Hypertension
Yu Yamauchi
(First Department of Medicine, Hokkaido University Hospital)

Quantitative Evaluation For The Complexity Of The Outlines Of Pulmonary Nodules
Tatsuya Yoshimasu
(Department of Thoracic and Cardiovascular Surgery, Wakayama Medical University, Wakayama, Japan)

Pulmonary Thromboembolism In Lung Cancer Patients And Egfr Mutations
Susumu Yamasaki
(Department of Respiratory Medicine, Saitama Medical University International Medical Center, Department of Respiratory Medicine, Saitama Medical University)

The Role Of Cytokine-Induced Killer (Cik) Cells Therapy In Modulating Tregs In Patients With Non-Small Cell Lung Cancer (Nasci)
Baidan Yu
(Department of oncology and hematology, Laboratory of Respiratory Diseases, The first affiliated Hospital of Guangzhou Medical University, Guangzhou Medical University, Guangzhou, P.R. China.)

Bone Metastases Are More Frequent And Multiple In Egfr Mutation Positive Nasci Patients
Keiichi Ota
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University)
OS76  Diagnostic Value Of Tumor M2 Pyruvate Kinase In Patients With Lung Cancer
Asunaro Aisakurakura
(Yokohane Chest Disease and Thoracic Surgery Training and Research Hospital)

OS77  Effect Of Cefepime (Cfpm) Or Meropenem (Mepm) For Febrile Neutropenia Patients With Lung Cancer. Randomized Phase II Study (LogiK1003)
Taihei Haraida
(Research Institute for Disease of the Chest, Graduate school of Medical Sciences, Kyushu University, Japan)

OS82  Effects Of Indacaterol In Addition To Tiotropium In Patients With Copd
Tsubasa Onishi
(Division of Respiratory Medicine and Allergology, Department of Internal Medicine, Showa University School of Medicine, Shinagawa, Tokyo, Japan)

OS83  Higher Prevalence Of Aortic Aneurysm Is Associated With The Severe Lung Destruction And Aortic Wall Calcification In Patients With Copd
Katsumi Ando
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

OS14 COPD 1

Chairing:
Sang-Do Lee
(Asan Medical Center, Korea)
Naozumi Hashimoto
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)

OS78  Factors Associated With Outcome Among Copd Patients Undergoing Pulmonary Rehabilitation
Stefan M. Paraguas
(Philippine Heart Center, Quezon City, Philippines)

OS79  Concurrent Use Of Tiotropium And Salmeterol/Fluticasone Propionate Combination In Copd: Effects On Airway Dimensions And Airflow Limitation
Makoto Hoashi
(Department of Respiratory Medicine, Atami Hospital, International University of Health and Welfare, Atami, Japan)

OS80  Subgroups Of Copd Patients With Distinct Phenotypes In Four Regions Of Ten Asian Cities
Yeon-Mok Oh
(Department of Pulmonary and Critical Care, Friends of the Breathless Foundation, Pune, India)

OS81  The 0.70 Fixed Ratio And Lower Limit Of Normal Of Fev1/Fvc Identify An Postoperative Risk In Patients Undergoing Thoracic Surgery
Naozumi Hashimoto
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)

OS15 Clinical Respiratory Medicine 3

Chairing:
V.K. Vijayan
(Bhopal Memorial Hospital & Research Centre, India)
Toshinori Takada
(Niigata University Medical & Dental Hospital, Japan)

OS84  Prostacyclin And Cough In Patients With Bronchial Asthma
Yoshihisa Ishiura
(Respiratory Medicine, Toyama City Hospital, Toyama, Japan)

OS85  Inhaled Corticosteroids And Risk Of Admission For Emergency Department Children With Acute Asthma: A Meta-analysis
Xinning Su
(Institute of Respiratory Disease, the First Hospital of China Medical University, Shenyang, China)

OS86  Effect Of Nail Polish And Artificial Acrylic Nails On Oxygen Saturation Determined By Pulse Oximetry In Normoxic Adults
Suree Sompradisekul
(Div of Respiratory Diseases and Tuberculosis, Dept of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand)

OS87  It'S Time To Call Attention To Clinical Significance Of Basidiomycetous Fungi In Chronic Cough
Horuhiko Ogawa
(Division of Pulmonary Medicine, Ishikawa-ken Saiseikai Kanazawa Hospital)
OS88 To Study The Prescription Pattern Of Inhalers And Medication In Management Of Chronic Obstructive Pulmonary Disease In Primary Care Practice
Vitull K. Gupta
(Dept of Medicine, Adesh Institute of Medical Sciences and Research, Bathinda, Punjab, India)

OS89 To Study The Type Of Inhalers Used And Errors In Inhaler Techniques Committed By Chronic Pulmonary Disease Patients In Punjab
Vitull K. Gupta
(Dept of Medicine, Adesh Institute of Medical Sciences and Research, Bathinda, Punjab, India)

OS90 The Effect Of Tai Chi On Lung Function, Exercise Capacity And Diaphragm Strength In People With Chronic Obstructive Pulmonary Disease
Rui C. Niu
(Department of Respiratory Medicine, Xiangya Hospital of Central South University, Hunan, China)

OS91 Carcinomatous Meningitis And Egr Mutation
Rinako Ishikawa
(Department of Respiratory Medicine, Saitama Medical University International Medical Center, Saitama, Japan)

OS92 Randomized Study Of Pemetrexed Plus Carboplatin Followed By Pemetrexed Versus Paclitaxel Plus Carboplatin Followed By Pemetrexed In Non-Squamous Nsclc (Logik 0904)
Atsushi Moriwaki
(Department of Respiratory Disease, Steel Memorial Yawata Hospital/Lung Oncology Group in Kyushu, Japan)

OS93 Treatment With Egcg In Nsclc Leads To Decreasing Ifp And Hypoxia To Improve Chemotherapy Efficacy Through Rebalance Of Angs
Pang B Deng
(Department of Respiratory Medicine, Xiangya Hospital, Central South University, Changsha, China)

OS94 Prognosis Of Cancer Patients In The Hospital Damaged By The Japan Earthquake And Tsunami
Naoto Morikawa
(Tohoku Pharmaceutical University-Hospital, Sendai, Miyagi, Japan/Division of Pulmonary Medicine, Allergy, and Rheumatology, Department of Internal Medicine, Iwate Medical University School of Medicine, Morioka, Iwate, Japan)

OS95 Phase II Study Of S-1 With Patient-Reported Outcome Evaluation In Elderly Patients With Advanced Non-Small Cell Lung Cancer
Hisatsugu Goto
(Department of Respiratory Medicine and Rheumatology, Institute of Health Biosciences, The University of Tokushima Graduate School)

OS96 Which Do Nsclc Patients With Egr Mutation Prefer As A First-Line Therapy, Egfr-Tki Or Chemotherapy ? A Vignettes Study (Logik0903)
Eiji Iwama
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University)

OS97 The Prevalence Rate Of Copd As A Comorbidity In Japanese Patients With Lung Cancers Undergoing Bronchoscopy
Yu Okada
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)

OS98 Co-Administration Of Glycopyrronium And Indacaterol Improves Lung Function And Symptoms In Patients With Copd Versus Indacaterol Alone: The Glow6 Study
Vincken Walter
(Respiratory Division, University Hospital Brussels, University of Brussels, Brussels, Belgium)
OS99  Comparison Of The Efficacy And Safety Of Once-Daily Glycopyrronium With Blinded Tiotropium In Patients With Copd: The Glow5 Study
Kenneth R. Chapman
(Asthma and Airway Centre, University Health Network, Toronto Western Hospital, Toronto, Canada)

OS100  Once-Daily Qva149 Improves Lung Function, Dyspnea And Health Status Regardless Of Disease Severity And Prior Medications: The Shine Study
Kenneth R Chapman
(Asthma and Airway Centre, University Health Network, Toronto Western Hospital, Toronto, ON, Canada)

OS101  The Efficacy And Safety Of Inhaled Fluticasone Furoate (Ff)/Vilanterol (Vi) In Asian Patients With Copd
Jirong Zheng
(State Key Lab of Respiratory Disease, 1st Affiliated Hospital of Guangzhou Medical University, Guangzhou, China)

OS102  Copd Prevalence And Patient Burden In Korea And Japan: Continuing To Confront (C2C) Copd International Patient Survey 2012-13
Yeon-Mok Oh
(University of Ulsan College of Medicine, Clinical Research Center for Chronic Obstructive Airway Diseases)

OS103  Health-Related Quality Of Life Impacts On Survival In Idiopathic Pulmonary Fibrosis

OS104  Analysis Of Clinical Prognostic Factors In Patients With Idiopathic Pulmonary Fibrosis Less Than 60 Years Of Age
Shunsaku Hayashi
(Tosai General Hospital, Aichi, Japan)

OS105  Respiratory Hospitalization As A Prognostic Factor In Idiopathic Pulmonary Fibrosis
Osamu Nishiyama
(Department of Respiratory Medicine and Allergology, Kinki University Faculty of Medicine, Osaka, Japan)

OS106  Continuous Subcutaneous Injection Of Morphine For Dyspnea In Patients With Terminal Stage Interstitial Pneumonias
Yoshinobu Matsuda
(The Department of Psychosomatic Internal Medicine, National Hospital Organization Kinki-Chuo Chest Medical Center, Osaka, Japan/Department of Respiratory Medicine, National Hospital Organization Kinki-Chuo Chest Medical Center, Osaka, Japan)

OS107  Usual Interstitial Pneumonia In Primary SjÖgren’s Syndrome In Comparison With Idiopathic Pulmonary Fibrosis
Yasuori Enomoto
(Department of Respiratory Medicine, Kanazawa Cardiovascular and Respiratory Center, Yokohama, Japan)

OS108  What Are Reasons For Non-Adherence In Patients With Asthma? A 24 Weeks Prospective Telephone Follow-Up Research
Qianli Ma
(Institute of Respiration, Xinqiao Hospital, Third Military Medical University, Chongqing, China)

OS109  A Clinical Analysis To Compare The Anti-Inflammatory Effect On Peripheral Airway By Salmeterol/Fluticasone Combination Inhaler Between Dpi And Pmdi Products
Masayuki Hojo
(Division of Respiratory Medicine, National Center for Global Health and Medicine, Tokyo, Japan)

OS110  Differential Effects Of Asymptomatic Allergic Airway Disease On Airway Inflammation And Physiology In Adolescents
Koukouko Fukuda
(Second Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki, Japan)

OS111  Exacerbations And Symptoms Remain Common In Patients With Asthma Control: A Survey Of 8000 Patients In Europe
David Price
(Centre of Academic Primary Care, University of Aberdeen, Aberdeen, UK)
OS112  Asthma Phenotypes Integrating Longitudinal Aspects Of Pulmonary Function And Inflammation  
Tadak Nagasaki  
(Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

OS113  Endogenous Hydrogen Sulfide In Serum And Sputum As Novel Biomarker Of Asthma  
Junpei Saito  
(Department of Pulmonary Medicine, Fukushima Medical University, Fukushima, Japan)

OS114  Spirometric Reference Equations For Healthy Children Aged 5-15 Years In Guangzhou, Southern China  
Mei Jiang  
(State Key Laboratory of Respiratory Disease, Guangzhou Institute of Respiratory Diseases, First Affiliated Hospital of Guangzhou Medical College, Guangzhou, China)

OS115  Factors That Influence Lung Function Of Traffic Police-men In East Jakarta  
Amir Luthfi  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)

OS116  Novel Interpretations Of Respiratory Impedance Measured By Forced Oscillation Technique Based On Computational Fluid Dynamics  
Hiroko Kitaka  
(Division of Engineering Technology, JSOL Corporation, Nagoya, Japan)

OS117  The Effects Of The Regulating Respiratory Rate On Forced Oscillation Technique Parameters Measured By Using A Mostgraph Machine  
Takashige Kuraki  
(Shimane Prefectural Central Hospital, Shimane, Japan)

OS118  Effects Of Respiratory Pattern Intervention On Dyspnea During Inspiratory Resistive Loading In Healthy Subjects  
Daisuke Kobayashi  
(Department of Rehabilitation, Tohoku University Faculty of Health Sciences, Sendai, Japan)

OS119  Relative Contribution Of Ct-Based Emphysema And Airway Wall Area In Predicting Airflow Limitation In Copd  
Nguyen V. Tho  
(Division of Respiratory Medicine, Department of Medicine, Shiga University of Medical Science, Shiga, Japan/Respiratory Care Center, University Medical Center in Ho Chi Minh City, Vietnam)

OS120  Roles Of Vascular Endothelial Growth Factor Receptor -1 Signaling In Compensatory Contralateral Lung Growth After Unilateral Pneumonectomy  
Hideki Amano  
(Clinical Research Center, Kitasato University School of Medicine, Kanagawa, Japan)

OS121  4D Model Generator Of The Human Lung; Lung4Cer  
Hiroko Kitaka  
(Division of Engineering Technology, JSOL Corporation, Nagoya, Japan)

OS122  Clinical Characteristics Of Secondary Pulmonary Alveolar Proteinosis Complicated With Myelodysplastic Syndrome In Japan  
Haruyuki Ishi  
(Department of Respiratory Medicine, Kyorin University Hospital)

OS123  Relationship Between Serum Vascular Endothelial Growth Factor-D Levels And Disease Severity In Lymphangioleiomyomatosis  
Katsutoshi Ando  
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)
OS124  Mpo-Anca Positive Granulomatosis With Polyangitis (Wegener’s) May Be Equated To Pr3-Anca Positive Cases: Comparative Investigation Of Clinical And Radiological Findings
Satoshi Ikeda
(Department of Respiratory Medicine, Kanazawa University Hospital, Okayama, Japan)

OS125  Myasthenia Gravis With Thymoma In Our Hospital
Tomoo Kishiba
(Department of Respiratory Medicine, Okinawa Chubu Hospital, Okinawa, Japan)

OS126  Steroids For Pulmonary Involvement In Leptospirosis: A Meta-Analysis
Diane Garlia C. Bernardo
(Department of Medicine, Philippine General Hospital, Manila, Philippines)

OS127  Premature Ejaculation With Anti-Tuberculosis Drugs
Suresh K. K Chyala
(Ravishankar Nursing Home, Tadepalligudem, Andhra Pradesh, India)

OS128  End-Of-Life Decision Making: Ethics And Practices Of The Respiratory Specialists: A Filipino Perspective
Roland M. Panaligan
(Center for Respiratory Medicine, UST Hospital Manila)

OS131  Comparison Of Nsaip With Or Without Anti-Ars Antibody In Idiopathic Interstitial Pneumonia
Yuko Waseda
(Department of Respiratory Medicine, Kanazawa University Hospital)

OS132  Anti-Cadm-140/Mda5 Autoantibody Titer Predicts Disease Outcome In Patients With Dermatomyositis And Rapidly Progressive Interstitial Lung Disease
Toshinori Takada
(Division of Respiratory Medicine, Graduate School of Medical and Dental Sciences, Niigata University, Niigata, Japan)

OS133  Is There A Difference Between Idiopathic Pulmonary Fibrosis And Autoimmune Connective Tissue Disorder Related Pulmonary Fibrosis?
Hong Sang Wong
(Changi General Hospital, Singapore)

OS134  Prognostic Significance Of Lung-Dominant Ctd On Usual Interstitial Pneumonia
Yasuhiro Yamanaka
(Department of Respiratory Medicine and Allergy, Tosei General Hospital, Aichi, Japan)

OS23  Respiratory Infections (non-tuberculosis) 1

Chairing: David Hui
(The Chinese University of Hong Kong, Hong Kong)
Jiro Fujita
(University of the Ryukyus, Faculty of Medicine, Japan)

OS135  Clinical Characteristics Of Patients With Chronic Pulmonary Aspergillosis; Retrospective Analysis Of Patients With Isolation Of Aspergillus Species From Respiratory Samples
Sayaka Ohara
(Division of Respirology, NTT Medical Center Tokyo, Tokyo, Japan)

OS136  Loop-Mediated Isotherma Amplification Method For Diagnosing Pneumocystis Pneumonia In Non-Hiv Patients With Pulmonary Infiltrates
Kei Nakashima
(Department of Pulmonology, Kameda Medical Center, Chiba, Japan)
OS137  Usefulness Of The Anti-Glycopeptidolipid-Core Antibody To Mac Lung Disease (Contrast With Clinical Symptoms, Bacteriological Examination And A Picture View)  
Yasunari Ohki  
(Showa University Hospital Respiratory and Allergy Division, Department of Internal Medicine)

OS138  Predictors Of Mortality In Indonesian Patients With Hospital Acquired Pneumonia  
Samuel Halim  
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

OS139  The Clinical Aspects Of Pulmonary Cryptococcosis In Non-Hiv/Aids Patients In Tokyo Metropolitan Area  
Kosuke Narita  
(Division of Pulmonary Medicine and Oncology, Department of Internal Medicine, Nippon Medical School, Tokyo, Japan)

OS140  Relationship Between Pulmonary Non-Tuberculous Mycobacterial Infection And Autoantibody  
Hiroyasu Kobayashi  
(Division of Pulmonary and Critical Care Medicine, Mie University School of Medicine, Mie, Japan)

OS141  Progesterone Inhibits The Migration And Invasion Of A 549 Lung Cancer Cells Through Membrane Progesterone Receptor Alpha-Mediated Mechanisms  
Minguan Xie  
(Department of Gerontology and Respiratory Diseases, Xiangya Hospital, Central South University, Changsha, Hunan, P.R. China)

OS142  Human Lung Epithelial Cells Progressed To Malignancy Through Specific Oncogenic Manipulations  
Mitsuo Satoh  
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)

OS143  Dual Met/Vegfr-2 Inhibitor Foretinib Overcomes Acquired Resistance To Bevacizumab In Lung Cancer  
Mian Xie  
(China State Key Laboratory of Respiratory Disease)

OS144  The Effect Of Re-Expression Of Rassf1A Induced By 5-Aza-Cdr On Proliferation And Apoptosis Of A549 Cell Line  
Xi Chen  
(Department of Respirology Medicine and Gerontology, Xiangya Hospital of Central South University, Changsha, China)

OS145  Ability Of The Met Kinase Inhibitor Crizotinib And New Generation Egr Inhibitors To Overcome Resistance To Egr Inhibitors  
Shigeaki Hanp  
(Division of Medical Oncology, Cancer Research Institute, Kanazawa University, Kanazawa, Japan)

OS146  The Effect Of Re-Expression Of Rassf1A Induced By 5-Aza-Cdr On Proliferation And Apoptosis Of A549 Cell Line  
Xi Chen  
(Department of Respirology Medicine and Gerontology, Xiangya Hospital of Central South University, Changsha, China)

OS147  Fibreoptic Endoscopy Examination Of Swallowing (Fees) Is An Effective Diagnostic Examination In Aspiration Pneumonia  
Pance Cy Kung  
(Hong Kong Institute of Speech & Swallowing Rehabilitation)

OS148  Prospective Study Of The Optimal Sequence For Bronchial Brushing And Biopsy In Lung Cancer Diagnosis  
Gang Hou  
(Institute of Respiratory Disease, The First Affiliated Hospital of China Medical University, Shenyang, China)

OS149  Combined Effect Of Urokinase Intrathoracic Infusion Therapy And Debridement With Thoracoscopy Under Local Anesthesia For Acute Empyema  
Akira Matsui  
(Department of Respiratory Medicine and Allergology, Kariya Toyota General Hospital)
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<th>OS150</th>
<th>Thoracic Ultrasound Versus Ct For Imaging Pre-Assessment Prior To Medical Thoracoscopy</th>
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<tbody>
<tr>
<td></td>
<td>Magdy M Khalil</td>
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<tr>
<td></td>
<td>(Chest department, Ain Shams University, Cairo, Egypt)</td>
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<tr>
<th>OS151</th>
<th>Febrile Complications After Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration For Intrapulmonary Mass Lesions Of Lung Cancer</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Kazuyoshi Imazumi</td>
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<td></td>
<td>(Division of Respiratory medicine, Department of Internal Medicine, Fujita Health University, Toyoake, Japan)</td>
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<tr>
<th>OS152</th>
<th>Use Of Hourglass Stent For Upper Tracheal Stenosis</th>
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<tbody>
<tr>
<td></td>
<td>Saemi Oka</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Nagoya Medical Center, Nagoya, Japan)</td>
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<th>ORAL PRESENTATION</th>
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<td>WEDNESDAY - NOVEMBER 13 16:30-17:30</td>
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<td>The Conference Center, Pacifico Yokohama Room 5</td>
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<th>OS26</th>
<th>Interstitial Lung Disease 3</th>
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<tr>
<td></td>
<td>Chairing: Suo-Taek Uhm</td>
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<tr>
<td></td>
<td>(Soon Chun Hyang University, Seoul Hospital, Korea)</td>
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<tr>
<td></td>
<td>Takashi Ogura</td>
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<tr>
<td></td>
<td>(Kanagawa Cardiovascular and Respiratory Center, Japan)</td>
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<tr>
<th>OS153</th>
<th>Is Emphysema A Prognostic Factor In Acute Exacerbation Of Idiopathic Pulmonary Fibrosis?</th>
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<tbody>
<tr>
<td></td>
<td>Chiaki Hosoda</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Kanagawa Cardiovascular and Respiratory Center, Yokohama, Japan)</td>
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<tr>
<th>OS154</th>
<th>Clinical Significance Of Serum Marker Of Interstitial Pneumonia In Combined Pulmonary Fibrosis And Emphysema</th>
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<tbody>
<tr>
<td></td>
<td>Masayuki Nakayama</td>
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<tr>
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<td>(Division of Pulmonary Medicine, Department of Internal Medicine, Jichi Medical University)</td>
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<tr>
<th>OS155</th>
<th>Is Pleuroparenchymal Fibroelastosis With Usual Interstitial Pneumonia Pattern A Disease Distinct From Idiopathic Pulmonary Fibrosis?</th>
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<tr>
<td></td>
<td>Yasunori Enomoto</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Kanagawa Cardiovascular and Respiratory Center, Yokohama, Japan)</td>
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<tr>
<th>OS156</th>
<th>Forced Vital Capacity And Dto Rapidly Deteriorate In Patients With Pulmonary Upper-Lobe Fibrosis</th>
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<tr>
<td></td>
<td>Kentaro Watanabe</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Homanomachi Hospital, Fukuoka, Japan)</td>
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<tr>
<th>OS157</th>
<th>The Use Of Nippv In Acute Respiratory Failure Including Intestinal Pneumonia (Joss Stick Lung): 3 Cases</th>
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<tr>
<td></td>
<td>Etsuo Fujita</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Hashimoto Municipal Hospital, Wakayama, Japan)</td>
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<tr>
<th>OS158</th>
<th>The Prognostic Influence Of Cigarette Smoking In Idiopathic Nonspecific Interstitial Pneumonia</th>
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<tr>
<td></td>
<td>Hirotsuki Ito</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Kanagawa Cardiovascular and Respiratory Center)</td>
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<tr>
<th>OS27</th>
<th>Respiratory Infections (non-tuberculosis) 2</th>
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<tr>
<td></td>
<td>Chairing: Falal Yunus</td>
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<tr>
<td></td>
<td>(Department of Community Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia)</td>
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<tr>
<th>OS159</th>
<th>Evaluation Of Initial Antimicrobial Therapy For Pneumococcal Respiratory Infections</th>
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<tbody>
<tr>
<td></td>
<td>Shuichi Abe</td>
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<td>(Clinical Laboratory and Infection Control, Yamagata University Hospital)</td>
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<tr>
<th>OS160</th>
<th>Association Between Mycobacterial Genotypes And The Treatment Response Of M. Avium Lung Disease</th>
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<tbody>
<tr>
<td></td>
<td>Toshiaki Kikuchi</td>
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<td></td>
<td>(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine)</td>
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<tr>
<th>OS161</th>
<th>Evaluation Of Hbz And Fosp3 Mma Expression In Bronchoalveolar Lavage Cells From Human T-Lymphotrophic Virus Type 1-Associated Lung Disorder Patients</th>
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<tbody>
<tr>
<td></td>
<td>Yuko Nakayama</td>
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<td>(Department of Infectious, Respiratory, and Digestive Medicine, Graduate School and Faculty of Medicine, University of the Ryukyu, Okinawa, Japan)</td>
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<tr>
<th>OS162</th>
<th>Advantages And Disadvantages Of Gram Staining In The Initial Approach To Pleural Effusions</th>
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<tbody>
<tr>
<td></td>
<td>Yohsei Suzuki</td>
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<td>(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine)</td>
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<tr>
<th>OS163</th>
<th>Respiratory Viral Infection In Admitted Adult Patients</th>
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<tbody>
<tr>
<td></td>
<td>Daisuke Kuriya</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Kyorin University School of Medicine, Tokyo, Japan)</td>
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</tbody>
</table>
Bacterial Load And Multiple-Serotype Colonization Of Pneumococcus In A Case-Control Study Of Pneumonia In Vietnam

Therapeutic Efficacy Of Endothelin Receptor Blockade On Experimental Brain Metastases Of Human Non-Small Cell Lung Cancer

Possible Role Of Tocilizumab For Cachectic Patients With Interleukin-6 Expressing Lung Cancer

OS164

OS169

OS170

OS28 Lung Cancer 6

Chairing: Junya Fujimoto
(The University of Texas MD Anderson Cancer Center, U.S.A.)

Yuichi Takeguchi
(Graduate School of Medicine, Chiba University, Japan)

Vascular Normalization In Human Lung Adenocarcinoma Induced By Egog And The Efficacy Of Combine Chemotherapy In Normalization Time Window

Inhibition Of H446 Growth By Bcl-Xl Antisense Oligonucleotide (Ason) Loaded Cyclodextrin Hybrid Nanosystem

Effect Of Bcl-Xl Antisense Oligonucleotide Loaded Cyclodextrin Hybrid Nanosystem On The Proliferation Of Vascular Smooth Muscle Cells

Surfactant Proteins A And D Suppress Epidermal Growth Factor Signaling Through Interactions With N-Glycans Of Receptor

Bhim Gopal Dhoubhadel
(Department of Clinical Medicine, Institute of Tropical Medicine, Nagasaki University, Japan)

Masaki Hanabuchi
(Department of Respiratory Medicine and Rheumatology, Institute of Health Biosciences, The University of Tokushima Graduate School)

Katsutoshi Ando
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

OS165

OS166

OS167

OS168

OS29 Bronchoscopy and Interventional Techniques 2

Chairing: Rex Chin-Wei Yung
(The Johns Hopkins Hospital, U.S.A.)

Hideto Saka
(Nagoya Medical Center, Japan)

Endobronchial Ultrasonography With A Guide Sheath In The Diagnosis Of Benign Peripheral Lesions

Diagnostic Performance And Safety Of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration In Suspected Mediastinal Lymph Node Metastasis

Diagnostic Performance And Safety Of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration In Suspected Mediastinal Lymph Node Metastasis

Guansong Wang
(Institute of Respiratory Diseases, The Second Affiliated Hospital of the Third Military Medical University, Chongqing, PR China.)

Alicia P.S. Cheung
(Division of Respiratory Medicine, Department of Medicine, United Christian Hospital, Hong Kong Special Administrative Region, China/First Department of Medicine, Hokkaido University School of Medicine, Sapporo, Japan)

Hiroshi Chinnishi
(Department of Hematology and Respiratory Medicine, Kochi University, Kochi, Japan)

Kazuyoshi Inazumi
(Division of Respiratory Medicine and Clinical Allergy, Department of Internal Medicine, Fujita Health University, Toyoake, Japan)

Wai-Lam Law
(Department of Medicine, Queen Elizabeth Hospital, Hong Kong)

OS171

OS172

OS173

OS174
Utilization Of Thoracic Ultrasonography (Usg) By Pulmonologists: A Prospective Evaluation
Johnny Wm Chan (Department of Medicine, Queen Elizabeth Hospital, Hong Kong)

Diagnosis Of Peripheral Pulmonary Lesions With Radial Endobronchial Ultrasound-Guided Bronchoscopy
Viboon Boonsangruk (Department of Medicine, Ramathibodi hospital, Mahidol University, Bangkok, Thailand)

OS181 Bronchoalveolar Lavage Neutrophilia Predicts Mortality In Acute Exacerbation Of Interstitial Pneumonia
Kazuma Nagata (Department of Respiratory Medicine, Kobe City Medical Center General Hospital, Kobe, Japan)

OS182 Lung Flute In The Management Of Pneumonia In Children
Mia. Regina Alvarez (Pulmonary and Critical Care Medicine, Section of Pediatric Pulmonology, Philippine Heart Center)

OS183 Non-Typeable H. Influenzae-Specific Immune Responses In Children With Chronic Suppurative Lung Disease
Susan J Pizzuto (Child Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, Australia)

OS184 Carbon-Monoxide Level And Smoking Pregnant Mother
Praetyo Hariadi (Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)

OS185 Rudhe Syndrome: Reversible Shunt Related Lobar Emphysema- A Report Of Cases And Systematic Review Of Literature
Maria N. F. Banque (Division of Pulmonary and Critical Care Medicine Section of Pediatric Pulmonology, Philippine Heart Center)

OS186 A Rare Cause Of Congenital Stridor In A Two-Month Old Infant
Bless Sc Amatong (Department of Pediatrics, Chong Hua Hospital, Cebu City, Philippines)
### ORAL PRESENTATION

**OS32 Respiratory Neurobiology and Sleep**

**Chairing:** Peter Eastwood  
(Sir Charles Gardner Hospital)  
Tsuneto Akashiba  
(Nihon University School of Medicine, Japan)

**OS187 Risk Factors Of Obstructive Sleep Apnea Among Overweight And Obese Taxi Drivers In Jakarta, Indonesia**

Agus D. Susanto  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine University of Indonesia, Persahabatan Hospital, Jakarta)

**OS188 Significant Associations Between Obstructive Sleep Apnea And Fat Accumulation In The Liver In Male Subjects Without Visceral Obesity**

Yoshio Toyama  
(Department of Respiratory Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan)

**OS189 The Additive Impact Of Periodic Limb Movements During Sleep On Inflammation In Obstructive Sleep Apnea Patients**

Kimihiko Murase  
(Department of respiratory medicine, Graduate school of medicine, Kyoto University, Kyoto, Japan)

**OS190 The Role Of Cih Mediated By Tnf-α-Regulated Fractalkine In Liver Injury**

Yini Wang  
(Department of Geriatrics, The Second Xiangya Hospital of Central South University, Changsha, PR China)

**OS191 The Role Of Raphe Serotonergic Neurons In The Responses Of Genioglossus Corticomotor Area During Intermittent Hypoxia In Rats**

Jiao Su  
(Institute of Respiratory Disease, The 1st Affiliated Hospital of China Medical University, Shenyang City, Liaoning Province, People’s Republic of China)

**OS33 Tuberculosis 3**

**Chairing:** V.K. Vijayan  
(Bhopal Memorial Hospital & Research Centre, India)  
Shin Sasaki  
(National Hospital Organization Himeji Medical Center, Japan)

**OS192 Audit Of Turnaround Time For Sputum Mycobacteriological Laboratory Tests In Public Hospitals In Hong Kong From Clinicians’ Perspective**

Chi Fong Wong  
(TB and Chest Unit, Grantham Hospital)

**OS193 Tuberculosis Tests And Diabetes Mellitus**

Yuyus Dew Prasetyo  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga/DR. Soetomo Hospital, Surabaya)

**OS194 The Role Of Tlr-2, Tnf-Alpha, Il-4 In Diabetes Mellitus Patients With Pulmonary Tuberculosis**

Mohamad Isa  
(The Pulmonology Departement of Faculty of Medicine Lumbang Mangkurat.)

**OS195 Lymphocyte-Predominant Exudative Pleural Effusion With Low Ada Levels And Negative Cytology: What Is The Final Diagnosis?**

Shin Sasaki  
(Respiratory Medicine, National Hospital Organization Himeji Medical Center, Hyogo, Japan)

**OS196 Clinical Features And Outcomes Of Isoniazid Mono-Resistant Pulmonary Tuberculosis**

Nilapatna Chienakul  
(Faculty of Medicine Siriraj Hospital, Mahidol University)

**OS197 Associations Between Recurrent Pulmonary Tuberculosis And Mdi-Tb Infection Event In Patients With Hiv**

Uyainah Z Nazir  
(Division of Respiratory and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)
**OS34 Others 2**

**Chairing:** Peter Cistulli  
(Royal North Shore Hospital and the University of Sydney, Australia)  
Toshinori Takada  
(Nagata University Medical & Dental Hospital, Japan)

**OS198 Smoking Cessation When How & Whom To Be Approach**  
Govind Narayan Srivastava  
(Department of Respiratory Diseases, Institute of Medical Sciences, Banaras Hindu University)

**OS199 Association Between Lns-6 And Cat In Patients Undergoing Long-Term Oxygen Therapy (Ltot) For Chronic Respiratory Failure (Crf)**  
Hiroo Wada  
(Department of Respiratory Medicine, Kyorin University School of Medicine, Tokyo, Japan)

**OS200 The Correlation Of Pef And Fev1 Values In Normal Subjects, Patients With Restrictive And Obstructive Pulmonary Diseases In Persahabatan Hospital**  
Haruyuki D. Faisal  
(Department of Pulmonology and Respiratory Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)

**OS201 A Comparative Study Between Portable Polygraph And Full Polysomnography In Patients With Sleep Apnea Syndrome**  
Chinatsu Nishida  
(The Department of Respiratory Medicine, University of Occupational and Environmental Health, Fukuoka, Japan)

**OS202 The Comparison Of Supralaryngeal Airway Devices: Slipa Versus Lma: Systematic Review And Meta-Analysis**  
Geun Jo Choi  
(Departments of Anesthesiology and Pain Medicine, College of Medicine, Chung-Ang University, Seoul, Korea)

**OS203 Evaluation Of Fibrinogen Levels In Patients With Obstructive Sleep Apnea Syndrome**  
Ezgi Demirden Cetinoglu  
(Department of Pulmonary Diseases, Uludag University, Bursa, Turkey)

**OS204 The Protection Effect Of Sodium Aescinate Via Jak-Stat In Rat Modles Of High Altitude Pulmonary Edema**  
Binfeng He  
(Institute of Respiratory Diseases, The Second Affiliated Hospital of the Third Military Medical University, Chongqing, PR China)

**OS35 Environmental & Occupational Health and Epidemiology**

**Chairing:** Mitsuru Emi  
(University Hawaii Cancer Center, U.S.A.)  
Shuichiro Maruoka  
(Nihon University School of Medicine, Japan)

**OS205 Efficacy Of Varenicline, An Nicotinic Acetylcholine Receptor Partial Agonist, Vs Placebo For Smoking Cessation. A Randomized Controlled Trial**  
Minyam R. Winatmoko  
(Department of Pulmonology and Respiratory Medicine Faculty of Medicine University of Indonesia.)

**OS206 The Neglected Risk For Copd And Lung Cancer From Chinese Waterpipe Smoking: A Multicenter Cross-Sectional Study**  
Jun She  
(Department of Pulmonary Medicine, Zhongshan Hospital, Fudan University, Shanghai, China)

**OS207 Effect Volcanic Ash Bromo Mountain In Pulmonary Function Test Of Ngadas And Sukapura Village Population East Java Indonesia**  
Winariani Koessoempoto  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga/DR. Soetomo Hospital, Surabaya)

**OS208 Health Impact Of The 2013 South East Asian Haze In Singapore**  
T. K. Lim  
(Department of Medicine, National University Hospital, Singapore.)

**OS209 Pulmonary Function Changes On Surabaya City Of Fire Fighters Department**  
Irvin Anang Marhana  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga/DR. Soetomo Hospital, Surabaya)
OS210  Occupational Tuberculosis Infection Compensated With The Industrial Accident Compensation Insurance From 2006 To 2011
Jun-Pyo Myong
(Department of Occupational and Environmental Medicine, Center for Occupational and Environmental Medicine, Seoul St. Mary’s Hospital, Republic of Korea)

OS211  Weather And Respiratory Death
Jaek Oh
(Seoul Science High School, Seoul, Korea)

OS212  Simian Virus 40 Is Prevalent In Malignant Pleural Mesothelioma In Vietnam
Nguyen Son Lam
(Department of Pathology, Pham Ngoc Thach Hospital, Ho CH Minh City, Vietnam)

ORAL PRESENTATION
THURSDAY - NOVEMBER 14  9:50-10:50
The Conference Center, Pacifico Yokohama  Room 5

OS213  Emphysematous Change In Low-Dose Ct Screening Is An Evident Risk Factor Of Future Airflow Obstruction Among Smokers
Takeshi Nawa
(Hitachi General Hospital, Hitachi, Ltd.)

OS214  Dual Bronchodilation With Ova149 In Patients With Moderate-To-Severe Copd: Ignite Trials Overview
Karen Mezzi
(Novartis Pharma AG, Postfach, Basel, Switzerland)

OS215  Glycopyrronium And Tiotropium Demonstrate Similar Improvements In Lung Function And Reductions In Exacerbations In Severe-To-Very Severe Copd: The Spark Study
Jadwiga A Wędzicha
(Centre for Respiratory Medicine, University College London, London, United Kingdom)

OS216  Cannabis Lung Causing Precocious Emphysema- On The Verge Of An Epidemic
Damian J McKeon
(Respiratory Department, Bangor University and Ysbyty Gwynedd, Bangor, North Wales.)

OS217  Dual Bronchodilation With Ova149 Reduces Copd Exacerbations: Results From The Ignite Program
Donald Banorji
(Novartis Pharmaceuticals Corporation, East Hanover, N.J., USA)

OS218  Muscarinic Receptor Antagonist Inhibits Cigarette Smoke-Induced Airway Inflammation And Remodeling
Yi-Han Hsiao
(Department of Chest Medicine, Taipei Veterans General Hospital, Taipei, Taiwan)

OS219  The Ability Of Afb Sputum Smear And Bactec Mgit 960 In Diagnosis Of Pulmonary Tuberculosis Hiv Patients
Gurmeet Singh
(Division of Respiriology and Critical Care, Departement of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

OS220  Comparison Of Whole Blood Gamma Interferon Assay And Tuberculin Skin Testing In Tuberculosis Contacts
Alex Ketanci
(Ozel Yeni Iklim Hastanesi, Istanbul, Turkey)

OS222  Prognostic Factors In Patients With Tuberculosis-Destroyed Lung Admitted To An Intensive Care Unit
Min Ki Lee
(Department of Internal Medicine, Pusan National University Hospital, Busan, Korea)

OS223  Latent Tuberculosis Infection Assessed By Interferon-Gamma Release Assay And Circulating Granulysin Levels
Pham H. Thuong
(Hanoi Lung Hospital, Hanoi, Viet Nam)
ORAL PRESENTATION
THURSDAY - NOVEMBER 14
10:10-11:10
The Conference Center, Pacifics Yokohama
Room 8

OS224 Vitamin D Receptor Gene Foki And Bsmi Polymorphisms In Susceptibility To Pulmonary Tuberculosis Among Indonesian Batak-Ethnic Population
Bintang Y.M. Sinaga
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia)

OS225 Fluorofenidone Attenuates Bleomycin-Induced Pulmonary Inflammation And Fibrosis In Mice Via Restoring Caveolin-1 Expression And Inhibiting Mitogen-Activated Protein Kinase Signaling Pathway
Jie Meng
(Department of respiratory medicine, Xiangya Hospital, Central South University, Hunan, China)

OS226 Tranilast Inhibits Pulmonary Fibrosis By Suppressing Tgf-B-Mediated Extracellular Matrix Protein Production
Motoyasa Kato
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

OS227 Role Of Apoptosis Inhibitor Of Macrophage (Aim) In Bleomycin-Induced Lung Inflammation And Fibrosis In Mice
Hinoki Kimura
(First Department of Medicine, Hokkaido University School of Medicine, Sapporo, Hokkaido, Japan. /Department of Respiratory Medicine, Graduate School of Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan. /Laboratory of Molecular Biomedicine for Pathogenesis, Center for Disease Biology and Integrative Medicine, Faculty of Medicine, The University of Tokyo, Tokyo, Japan.)

OS228 The Enhancement Of Stanniocalcin-1 (Stc1) Secretion Of Mesenchymal-Stem-Cells (Mscs) Increases The Ability To Reduce Bleomycin-Induced Lung Injuries
Marubu Ono
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan)

OS229 Induced Pluripotent Stem (Ips) Cell-Derived Macrophages From Patients With Hereditary Pulmonary Alveolar Proteinosis (Haps) Recapitulate The Disease Pathogenesis
Takui Suzuki
(Division of Pulmonary Biology, Cincinnati Children’s Hospital Medical Center)

OS229 The Enhancement Of Stanniocalcin-1 (Stc1) Secretion Of Mesenchymal-Stem-Cells (Mscs) Increases The Ability To Reduce Bleomycin-Induced Lung Injuries
Marubu Ono
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan)

OS230 A Survey Of Common Allergens In Patents With Allergic Diseases In Guangzhou, China
Zhong Peiyuan
(State Key Laboratory of Respiratory Disease, Guangzhou Institute of Respiratory Diseases, Guangzhou, China)

OS231 Guangdong Province Pre-School Children Allergic Disease Situation And Related Factors On Allergic Impact Analysis Research
Luo Jiaqing
(State Key Laboratory of Respiratory Disease, Guangzhou Medical University, Guangzhou, China)

OS232 Bronchial Asthma Preceding IgG4-Related Autoimmune Pancreatitis
Satoru Ito
(Respiratory Medicine, Nagoya University, Nagoya, Japan)
OS235  Hla Class I And II Allele Frequencies In Pakistani Psoriasis Patients And Controls
Saweda Munir
(Institute of Biomedical & Genetic Engineering G-9/1 Islamabad, Pakistan/Quaid-I-Azam University Islamabad, Pakistan.)

OS241  Possible Intracellular Mechanisms Underlying The Synergistic Action Between Laras And Labas Against Muscarinic Contraction In Airway Smooth Muscle
Hiroyuki Kume
(Department of Respiratory Medicine and Allergology, Kinki University Faculty of Medicine, Osaka, Japan)

OS236  Hhip Gene Plays An Important Role In Cigarette-Induced Airway Inflammation
Yi Guo
(Deptartment of Pulmonary Medicine, Rui Jin Hospital, School of Medicine, Shanghai Jiaotong University, Shanghai, China)

OS242  Pulmonary Tuberculosis In Filipino Children With Congenital Heart Disease In A Tertiary Subspecialty Hospital
Churu N. Francisco
(Section of pediatric pulmonology, Philippine Heart Center)

OS237  Diagnosis Of Copd In The Face Of Multimorbidity, Patients' Perspectives
Sameera Ansari
(School of Public Health & Community Medicine, The University of New South Wales, Sydney, Australia)

OS243  New Candidate For Treatment Both Actively Growing And Dormant Mycobacterium Tuberculosis
Elena G. Salina
(Institution of the Russian Academy of Sciences A.N. Bach Institute of Biochemistry RAS)

OS238  The Role Of Tumor Necrosis Factor-α And Interferon-γ In Regulating Angiomotin-Like Protein 1 Expression In Lung Microvascular Endothelial Cells
Yutaka Nakamura
(Division of Pulmonary Medicine, Allergy, and Rheumatology, Iwate Medical University School of Medicine, Morioka, Japan)

OS244  New Generation Benzothiazinones For Tuberculosis Therapy
Vadim Makarov
(Balt Institute of Biochemistry, Russian Academy of Science, Moscow, Russia)

OS239  Influence Of Variations Of Group Component On Chronic Obstructive Pulmonary Disease And Its Progression
Takao Ishii
(Respiratory Care Clinic, Nippon Medical School, Tokyo, Japan)

OS240  Critical Role Of Rig-Like Receptors In The Inflammation Of Chronic Obstructive Pulmonary Disease
Qianzi Zhang
(Department of respiratory, Ruijin Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China)
OS246  Reciprocal Regulation Of Autophagy By Mycobacterium Tuberculosis In Alveolar Epithelial Cells
Xu Guang Guo
(Center for Clinical Laboratory Medicine of PLA, Xijing Hospital, Fourth Military Medical University, Xian, Shanxi, People's Republic of China/Department of Clinical Laboratory Medicine, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People's Republic of China/Department of Clinical Laboratory Medicine, Xijing Hospital, Fourth Military Medical University, Xian, Shanxi, People's Republic of China/Department of Internal Medicine, The Third Clinical College of Guangzhou Medical University, Guangzhou, Guangdong, People's Republic of China/Centers for Severe Maternal Treatment of Guangzhou City, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People's Republic of China)

OS250  Levels Of Autoantibodies Against Granulocyte-Macrophage Colony-Stimulating Factor (Gm-CSF) In Clinical Course Of Autoimmune Pulmonary Alveolar Proteinosis (Aapp)
Ayumu Takahashi
(Division of Respiratory Medicine and Allergology, Department of Medicine, Aichi Medical University School of Medicine, Aichi, Japan)

OS247  Mannose-Binding Lectin Gene Polymorphisms In Vietnamese Patients With Pulmonary Tuberculosis
Misako Hijikata
(Department of Pathophysiology and Host Defense, The Research Institute of Tuberculosis, JATA, Tokyo, Japan)

OS251  Incidence Of Silicosis In Stone Processing Areas, Bangladesh
Ashraful Alam Khan
(National Institute of Diseases of the Chest & Hospital, Mohakhali, Dhaka, Bangladesh)

OS248  Historical Changes Over Four Decades In The Age-Specific Distribution Of Sarcoidosis Cases At Diagnosis In Japan
Michihiro Sawahara
(Division of Pulmonary Medicine, Department of Medicine, Jichi Medical University, Shimotsuke, Tochigi, Japan)

OS252  Assessment Of Mineral Particles And Fibers In Balf In Patients With Interstitial Lung Diseases Using Electron Microscopy
Takashi Kido
(Department of Respiratory Disease, University of Occupational and Environmental Health, Fukuoka, Japan/Department of Emergency Medicine, University of Occupational and Environmental Health, Fukuoka, Japan)
Higher Incidence Of Lung Cancer In Female Passive Smokers  
Sawang Saenghinunvattana  
(Pulmonary Center, Bangkok Hospital Medical Center)

The Sensitivity Of Cytologic Examination Of Pleural Fluid In The Diagnosis Of Malignant Pleuritis  
Hiro Yoshi Kitagawa  
(Department of Respiratory Medicine and Allergology, Kariya Toyota General Hospital)

The High Plasma Concentration Of Gefitinib In Patients With Egfr Mutated Nsclc Can Be Longer Progression-Free Survival  
Hajime Miura  
(Department of Cardiovascular and Respiratory Medicine, Akita University Graduate School of Medicine, Akita, Japan)

Increased Red Blood Cell Distribution Width Correlates With Cancer Stage And Prognosis In Patients With Lung Cancer  
Yasuko Koma  
(Respiratory Center, Shinko hospital)

Efficacy And Safety Of Cisplatin/Pemetrexed As First-Line Treatment For Japanese Patients With Advanced Nonsquamous Non-Small Cell Lung Cancer  
Tepppei Yamaguchi  
(Division of Respiratory Medicine and Clinical Allergy Department of Internal Medicine, Fujita Health University, Aichi, Japan)

Characteristics And Outcomes Of Advanced Non-Small Cell Lung Cancer Of The Young Patients  
Hiroshi Sakata  
(Department of Respiratory Medicine, Kumamoto University Hospital, Faculty of Life Sciences, Kumamoto University, Kumamoto, Japan)

The Shortest Survival Time Observed In Lung Cancer Patients With Positive Pleural Fluid Cytology  
Erika Syahruddin  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Indonesia-Persahabatan Hospital, Jakarta, Indonesia)

Frequency Of Thrombocytopenia Due To Gemcitabine And Carboplatin Regimen In Non-Small-Cell Lung Cancer Patients  
Andi Nazaruddin  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Indonesia-Persahabatan Hospital, Jakarta, Indonesia)

Monitoring Serial Of Serum Levels Carcynoembrionic Antigen In Lung Cancer Patients Receiving Chemotherapy In Adam Malik General Hospital Medan Indonesia  
Ade Rahmaini  
(Department pulmonology and respiratory medicine school of medicine USU, Medan, Indonesia)

Survival Of Superior Vena Cava Syndrome Patients Without Radiation Therapy In Cipto Mangunkusumo Hospital And Dharmas Cancer Hospital  
Gurmeet Singh  
(Division of Respirology and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

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Sawang Saenghinunvattana  
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Andi Nazaruddin  
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Indonesia-Persahabatan Hospital, Jakarta, Indonesia)
Impact Of Chronic Obstructive Pulmonary Disease On Mortality Of Patients With Non-Small Cell Lung Cancer
Seung J. Lee
(Gyeongsang National University Hospital, Jinju, Korea)

Atypical Presentation Of Combined Large Cell Neuroendocrine Cancer Of Lung: A Case Report
Angeliee Taleon-Paraz
(Pulmonary and Critical Care, Philippine Heart Center)

Chemotherapy For Non-Small Cell Lung Cancer In Patients With Long-Term Oxygen Therapy
Keisuke Watanabe
(Respiratory Disease Center, Yokohama City University Medical Center, Kanagawa, Japan)

Retrospective Analysis Of The Effect Of Chemotherapy In Patients With Recurrent Nsclc After The First Line Chemoradiotherapy Or Curative Radiotherapy
Noriko Fujimoto
(Research Institute for diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

Evaluation Of Social Nicotine Dependence Using The Kano Test For Social Nicotine Dependence (Ktsnd-K) In Patients With Lung Cancer
Chiharu Yoshii
(Department of Respiratory Medicine, Wakamatsu Hospital of the University of Occupational and Environmental Health, Japan)

The Administration Of Bevacizumab For Non-Squamous Non-Small Cell Lung Cancer Patients With Brain Metastases
Kentaro Fukunaga
(Division of Respiratory Medicine, Department of Medicine, Shiga University of Medical Science)

Efficacy And Safety Of Chemotherapy Containing Bevacizumab In Patients With Non-Small Cell Lung Cancer With Malignant Pleural Effusion
Mitsuhito Fuji
(Department of Respiratory Medicine, Juntendo University Shizuoka Hospital, Shizuoka, Japan)

Clinical Respiratory Medicine 1
Chairing:
James G Martin
(McGill University, Canada)
Kondo Yasuhiro
(Tosei General Hospital, Japan)

Once-Daily Tiotropium As Add-On To Ics+Laba For Patients With Severe Severe Asthma: Baseline Characteristics In Japanese Patients
Shu Hashimoto
(Department of Internal Medicine, Division of Respiratory Medicine, Nihon University School of Medicine, Tokyo, Japan)

Sef Classification For Copd Management
Md Ali Hossain
(National Institute of Diseases of the Chest & Hospital (NIDCH), Mohakhali, Dhaka, Bangladesh Institute of Epidemiology, Disease Control and Research (IEDCR), Mohakhali, Dhaka, Bangladesh)

To Study Attitudes, Beliefs, And Perceptions Regarding Use Of Inhalers Among Chronic Pulmonary Diseases Patients And General Population In Punjab
Vruti K. Gupta
(Dept. of Medicine, Adesh Institute of Medical Sciences and Research, Bathinda, Punjab, India)

Implications Of Using The Philippine College Of Chest Physicians (Pccp) Consensus Statement On The Performance And Reporting Of Spirometry Testing
Irene Salve D. Jison-Verpara
(Center for Respiratory Medicine, University of Santo Tomas Hospital, Manila, Philippines)

Predictors Of Mortality For Adult Medical Emergency Patients With Pneumonia In Indonesia
Marin Winardi
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

Comparison Of Clinical Efficacy By Respimat And Handihaler Of Tiotropium Bromide Hydrate In Patients With Copd
Naoto Watanabe
(Tokyo Allergy and Respiratory Disease Research Institute, Tokyo, Japan)
PS29 Prostacyclin And Cough In Patients With Sinobronchial Syndrome
Yoshishia Ishiura
(Respiratory Medicine, Toyama City Hospital, Toyama, Japan)

PS30 Cyclooxygenase-2 And Cough In Patients With Sinobronchial Syndrome
Yoshishia Ishiura
(Respiratory Medicine, Toyama City Hospital, Toyama, Japan)

PS31 Cyclooxygenase-2 And Cough In Patients With Bronchial Asthma
Yoshishia Ishiura
(Respiratory Medicine, Toyama City Hospital, Toyama, Japan)

PS32 Prostaglandin E1 And Cough In Patients With Bronchial Asthma
Yoshishia Ishiura
(Respiratory Medicine, Toyama City Hospital, Toyama, Japan)

PS33 Comparing Apples With Apples. Clinico-Radiological Diagnosis Of Multiple Cystic Lung Diseases
Taher Mahmoud
(Shaikh Zayed Hospital, Post Graduate Medical Institute Lahore)

PS34 Multiple Myeloma Extramedullary Infiltration Mistaken For Tuberculous Pleurisy: A Case Report And Review Of Literature
Lili Zhang
(The Respiratory Department of Internal Medicine, Xiangya Hospital, Central South University, Changsha, China)

PS35 Pulmonary Mass-Like Opacities Secondary To Acute Hypersensitivity Pneumonitis In A Patient With Chronic Granulomatous Disease
Yuki Katsuya
(Department of Respiratory medicine, National Center for Global Health and Medicine, Tokyo, Japan)

PS36 The Magic In Pregnancy
Abdelhaleem Bella
(Department of Internal medicine, University of Dammam, Saudi Arabia)

PS37 The Lung In Connective Tissue Disorders: A Hospital Based Prevalence Study With Clinical And Radiological Analysis Of Cases
Shreeja Kumar
(Department of Respiratory Medicine, Indraprastha Apollo Hospitals, New Delhi, India)

PS38 The Profile And Survival Of Superior Vena Cava Syndrome Patients In Cipto Mangunkusumo Hospital And Dharmais Cancer Hospital
Malikuk Chair
(Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS39 Characteristics And 90 Days Survival Of Superior Vena Cava Syndrome Patients In Cipto Mangunkusumo And Dharmais Cancer Hospital
Malikuk Chair
(Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS40 Black Pleural Effusion: Causes And Pathophysiological Classification
Takeshi Saraya
(Department of Respiratory Medicine, Kyorin University School of Medicine)

PS41 The Retrospective Study Of Re-Challenge Malignant Pleural Mesothelioma Patients Previously Treated With Pemetrexed
Koji Mikami
(Division of Respiratory Medicine, Department of Internal Medicine, Hyogo College of Medicine, Hyogo, Japan)

PS42 Metastatic Pulmonary Calcification In Chronic Kidney Disease Mimicking Diffuse Alveolar Hemorrhage
Hyon Ho Ryu
(Emergency Medicine, Chonnam National University Hospital, Gwangju, Republic of Korea)
### POSTER SESSION

**TUESDAY - NOVEMBER 12**  
12:25-15:35

**The Conference Center, Pacifica Yokohama**

**Room A**

#### P1−A5  Cell and Molecular Biology 1

**Chairing:**  
Ahmed E. Hegab  
(Keio University, Japan)  
Tomoki Hoshino  
(Kurume University School of Medicine, Japan)

| PS43 | Antitumor Activity Of Combined Vegf And Egfr Inhibitors In Xenograft Models Of Egfr Inhibitor Resistance | Hoyan Li  
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan) |
| PS44 | Beta Defensin-1 Expression And Genetic Polymorphisms In Human Airway Epithelial Cells | Kimi Matsushita  
(Department of Pathophysiology and Host Defense, Research Institute of Tuberculosis JATA, Japan) |
| PS45 | Hypoxia Increases Gefitinib-Resistant Lung Cancer Stem Cells Through The Activation Of Insulin-Like Growth Factor 1 Receptor | Akiko Murakami  
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan) |
| PS46 | Characteristics Of Alveolar Macrophages From Murine Model Of Ova-Induced And Lps-Induced Airway Inflammation | Norihito Harada  
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan) |
| PS47 | Antifibrotic Effects Of Focal Adhesion Kinase Inhibitor In Bleomycin-Induced Pulmonary Fibrosis In Mice | Katsumi Kinoshita  
(Department of Respiratory Medicine and Rheumatology, University of Tokushima Graduate School, Tokushima, Japan) |

#### P1−A6  Cell and Molecular Biology 2

**Chairing:**  
Chul-Gyu Yoo  
(Seoul National University College of Medicine, Korea)  
Koichiro Asano  
(Tokai University School of Medicine, Japan)

| PS48 | The Role Of Phosphorylation Sites Of The Pten C-Terminal For Tgfl-induced Translocation Of β-Catenin In Lung Cancer Cells | Masaaki Kusunose  
(Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya-city, Aichi, Japan) |
| PS49 | Effects Of Oxidative Stress And Vitamin C On The Electrolyte Secretion In Mouse Tracheal Epithelium | Woo Kyung Kim  
(Department of Internal Medicine, Dongguk University Ilsan Hospital, Gyeonggi, Korea/Lab of Ion channelopathy, Dongguk University College of Medicine) |
| PS50 | Steroid-Inducible Genes Regulate Airway Epithelial Barrier Function | Yoshihiko Shintani  
(Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine, Tokyo, Japan) |
| PS51 | Ablation Of Cd206+ M2 Alveolar Macrophages Exacerbates Acute Lung Injury | Kentaro Kambria  
| PS52 | Curcumin Facilitates Induction Of Phase II Antioxidant Enzymes Aiding Pulmonary Surfactant Homeostasis Under Hypoxia | Titto Mathew  
(Defence Institute of Physiology and Allied Science) |
| PS53 | The Effect Of Exogenous Pten4A Induction On Tgfl-induced Epithelial-Mesenchymal Transition (Emt) In Epithelial Cells By Using Adenovirus Delivery System | Moshiko Kimura  
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan) |
PS54 Effect Of Mtor Sima Loaded Cyclodextrin Hybrid Nano-system On Hypoxia-Induced Proliferation And Apoptosis Of Vascular Smooth Muscle Cells
Xueping Liu
(Institute of Respiratory Diseases, The Second Affiliated Hospital of the Third Military Medical University, Chongqing, PR China.)

PS55 Rab5 Gtpase Modulates The Intracellular Trafficking Of Beta-Ars In Rpnvecs
Huan Sun
(Institute of Respiratory Diseases, The Second Affiliated Hospital of the Third Military Medical University, Chongqing, PR China.)

PS56 Corticosteroid Plus Long-Acting Beta2-Agonist Prevent Virus-Associated Upregulation Of B7-H1/Pd-L1 On Airway Epithelium
Saika Hamano
(Research Institute for Diseases of the Chest, Graduate School of Medical Science, Kyushu University, Fukuoka, Japan)

PS57 Tweak Enhances Tgf-β-Induced Epithelial-Mesenchymal Transition In Beas-2B Human Bronchial Epithelial Cells
Yukinori Itaiowa
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Japan)

PS58 The Effect Of Chitin On Il-1β Production By Alveolar Macrophage
Yoko Katsura
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

PS59 Epigenetic Regulation Of Lung Cancer Stem-Like Cell Gene Sox2
Hinsho Saiyo
(Department of Respiratory Medicine and Allergology, Sapporo Medical University School of Medicine, Sapporo, Japan)

PS60 Pneumoconiosis Due To Environmental Cement Dust Exposure Among The Residents Near The Portland Cement Factories In Korea
Jun-Pyo Myong
(Department of Occupational and Environmental Medicine, Center for Occupational and Environmental Medicine, Seoul St. Mary’s Hospital, Republic of Korea/Department of Preventive medicine, College of Medicine, The Catholic University of Korea, Republic of Korea)

PS61 Influence Of Environmental Exposure On Copd Subjects In Korea
Woo Jin Kim
(Department of Internal Medicine and Environmental Health Center, Kangwon National University Hospital, School of Medicine, Kangwon National University, Chuncheon, Korea)

PS62 Atmospheric Pollutants Due To Forest Fires And Their Influence On Respiratory Health In Russia In Abnormally Hot Summer Of 2010
Andrey Gusakov
(Occupational Lung Diseases Department, Pulmonology Research Institute, Moscow, Russian Federation)

PS63 The Forced Oscillation Technique Parameters In Population Screening On Shimane Prefecture
Shunichi Haraguchi
(Shimane University Faculty of Medicine, Izumo, Japan)

PS64 Effects Of Acute Altitude Exposure On Respiratory System
Erdinc Ercan
(Department of Hyperbaric Medicine, Eskisehir Military Hospital, Eskisehir, Turkey)

PS65 Role Of Atmospheric Samples Collected From Asian Sand Dust Storm In Allergic Airway Inflammation And Immune Tolerance
Miao He
(Department of Environmental and Occupational Health, College of Public Health, China Medical University, China)

PS66 The Influence Of Cement Dust Exposure Level To Respiratory Symptoms And Pulmonary Function In Employers Cohort Of Cement Factory Workers
Zudi Afki
(Department of Pulmonary and Respiratory Medicine in M. Djameil Hospital/Medical Faculty of Andalas University, Padang, West Sumatera Indonesia)
PS67  Effects Of Asian Sand Dust On Respiratory Symptoms And Health Status In The Patients With Respiratory Diseases
Motoyuki Nakao
(Department of Public Health, School of Medicine, Kurume University, Fukuoka, Japan)

PS68  Seasonal Changes Of Health Status And Respiratory Symptoms In Elderly Patients With Chronic Pulmonary Diseases In Korea And Japan
Fumiko Ono
(Depart. of Public Health, School of Medicine, Kurume University, Fukuoka, Japan)

PS73  The Molecular Epidemiology And Antibiotic Resistance Of Acinetobacter Baumannii Isolated From Intensive Care Unit In Hunan Province
Hongyi Tan
(Department of Pulmonary, Xiangya Hospital, Central South University, Changsha, China)

PS74  Clinical And Radiographic Features In Nontuberculous Mycobacterial Lung Disease
Ayako Miyazawa
(Department of Respiratory Medicine and Allergology, Kariya Toyota General Hospital)

PS75  Surfactant Protein A-Derived Peptide Protects Lung Epithelial Cells From Cytotoxic Activity Of Human α-Defensin 3
Yasuaki Uehara
(Department of Biochemistry, Sapporo Medical University School of Medicine, Sapporo, Japan/Department of Respiratory Medicine and Allergology, Sapporo Medical University School of Medicine, Sapporo, Japan)

PS76  Predictors For Successful Eradication Of Multidrug-Resistant Acinetobacter Baumannii In The Respiratory Tract Using Aerosolized Colistin
Yu-Mu Chen
(Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan)

PS77  Pathological Examination Of Two Cases Of Acute Exacerbation Of Chronic Necrotizing Pulmonary Aspergillosis Leading To Pneumonecortmy
Tomohiro Akaba
(Center for Pulmonary Diseases, National Hospital Organization Tokyo Hospital, Tokyo, Japan)

PS78  A Case Of Pulmonary Aspergillosis Effectively Treated With Transbronchial Intracavitary Amphotericin B
Yumi Tanaka
(Department of Thoracic surgery, Wakayama Rosai Hospital, Wakayama, Japan)

P1-B1  Respiratory Infections (non-tuberculosis) 1

Chairing: Samuel Halim
(Department of Internal Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)
Masafumi Seki
(Graduate School of Medicine, Osaka University, Japan)

PS69  Clinical Characteristics Of Nursing Home Acquired Pneumonia (Nhp) Among Hospitalized Patients In A Korean Teaching Hospital
Jong-Ho Lee
(Department of Pulmonary and Critical Care Medicine, Jeju National University Hospital, School of Medicine, Jeju National University, Jeju, Korea)

PS70  Association Of Decreased Renal Function With Mortality In Indonesian Hospital Acquired Pneumonia Patients
Samuel Halim
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

PS71  Clinical Features Of Non-Tuberculous Mycobacteriosis Presenting As A Solitary Pulmonary Nodule
Masaomi Marukawa
(The Department of Respiratory Medicine, Fukuyma Medical Center, Hiroshima, Japan)

PS72  Clinical Features Of Patients With Positive Sputum Culture For Trichoosporon Species
Nozomi Takai
(First Department of Medicine, Hokkaido University School of Medicine, Sapporo, Japan)

P2-B1  Respiratory Infections (non-tuberculosis) 2

Chairing: Jun-Hee Woo
(University of Ulsan College of Medicine, Korea)
Kouichi Izumikawa
(Department of Respiratory Medicine, Nagasaki University Graduate School of Biomedical Sciences, Japan)
PS79  Predictors Of Mortality In Patients With Ventilator-Associated Pneumonia In Indonesia
Riashdo J. Saraghi
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

PS80  Clinical Profile And Outcomes Of Patients With Ventilator-Associated Pneumonia In Indonesia
Riashdo J. Saraghi
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia)

PS81  The Relationship Between Crp And Etiology Pneumonia For Inpatients Pneumonia Community In Pulmonary Ward M. Djamil Hospital, Padang Indonesia
Evelina Susanti
(Department of Pulmonary and Respiratory Medicine in M. Djamil Hospital/Medical Faculty of Andalas University, Padang, West Sumatera, Indonesia)

PS82  Validation Of Curb-65 Scoring System In Patients With Hospital Acquired Pneumonia
Zulkiifil Amin
(Division of Respirology and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS83  Prevalence And Risk Factors Of Chronic Co-Infection In Pulmonary Mycobacterium Avium Complex Disease
Kohel Fujita
(Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

PS84  Efficacy Of Long-Term Low-Dose Azithromycin Administration In Patients With Sinobronchial Syndrome Refractory To Clarithromycin
Johsuhe Hara
(Respiratory Medicine, Kanazawa University Hospital, Kanazawa, Japan)

PS85  Chronic Pulmonary Aspergillosis As A Negative Prognostic Factor For Patients With Mycobacterium Avium Complex Lung Disease: Incidence And Risk Factors
Keitaro Nakamoto
(Department of Respiratory Medicine, Saitama Cardiovascular and Respiratory Center, Saitama, Japan/Department of Respiratory Medicine, Kyorin University School of Medicine, Tokyo, Japan)

PS86  Survey Of Pulmonary Aspergillosis With Surgical Treatment
Takemasa Matsumoto
(Department of Respiratory Medicine, Fukuoka University School of Medicine)

PS87  Role Of Syndecan-4 In Acute Pneumonia
Takefumi Nikuredo
(Department of Pulmonary Medicine, Fukushima Medical University, Fukushima, Japan)

P1–B3  Respiratory Infections (non-tuberculosis) 3
Chairing: Arth Nana
(Srinak Hospital, Mahidol University, Thailand)
Katsunori Yanagihara
(Nagasaki University Hospital, Japan)

PS88  Clinicopathological Findings Of Four Cases Of Pure Influenza Virus A Infection
Jiro Fujita
(Department of Infectious, Respiratory, and Digestive Medicine, University of the Ryukyus)

PS89  Clinical Significance Of Lysophosphatidylcholine In Community Acquired Pneumonia
Yun Seong Kim
(Department of Internal medicine, Pusan National University Yangsan Hospital, Yangsan, Korea)

PS90  Detection Rate Of Pneumococcal Pneumonia Using Binaxnow Streptococcus Pneumoniae Test, A Prospective Cohort Study In A Tertiary Hospital In Malaysia
Mohamed Faisal
(University of Medicine, University Kebangsaan Malaysia, Medical center)

PS91  Clinical Characteristics And Outcomes Of Nontuberculous Mycobacterial Lung Disease In King Chulalongkorn Memorial Hospital, Thailand
Arpa Smiruttiopak
(Division of Pulmonary and Critical Care Medicine, Department of Medicine, King Chulalongkorn Memorial Hospital, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand)

PS92  Community-Acquired Pneumonia In Copd Patients Requiring Admission To The Intensive Care Unit: Risk Factors For Mortality
Aykut Cilli
(Akdeniz University, School of Medicine, Department of Pulmonary Diseases)
PS93  Real-Time Loop-Mediated Isothermal Amplification For The Identification Of Streptococcus Pneumoniae
Xu-Guang Guo
(Department of Clinical Laboratory Medicine, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China/Department of Internal Medicine, The Third Clinical College of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China/Center for Severe maternal Treatment of Guangzhou City, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China)

PS94  Safety And Tolerability Of Single-Dose Tedizolid Phosphate In A Japanese Phase I Study
Toshiki Tanaka
(Clinical Pharmacology, Bayer Yakuhin)

PS95  Safety And Tolerability Of 7-Day Multiple-Dose Tedizolid Phosphate In A Japanese Phase I Study With A Double-Blind, Placebo-Controlled Design
Toshiki Tanaka
(Clinical Pharmacology, Bayer Yakuhin)

PS96  Incidence Of Nontuberculous Mycobacteria Isolation Out Of Residential Bathrooms Of Untreated Patients With Pulmonary Mycobacterium Avium Complex Disease
Shu Taga
(Department of Respiratory Medicine and Allergology, Okayama City Hospital, Okayama, Japan)

PS97  Mast Cell-Based Phenotypes Of Asthma In Induced Sputum Samples
Gang Wang
(Center for Asthma and Respiratory Diseases, John Hunter Hospital, Hunter Medical Research Institute, University of Newcastle, Australia/Respiratory and Critical Care Medicine, University of Hong Kong, Hong Kong, China)

PS98  Effect Of Zinc Supplementation On Partially Controlled And Uncontrolled Bronchial Asthma Based On Asthma Control Test (Act)
Arief Bakhtiar
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga/DR. Soetomo Hospital, Surabaya)

PS99  Numerical Description Of Breath Sounds In Asthmatic Patients
Yukio Nagasaka
(Rakuyakai Kyoto Pulmonary Center, Rakuyakai Otowa Hospital)

PS100  The Different Suppressive Capacity Of Regulatory T Cells On Th1 And Th2 Cells In Patients With Asthma Attack
Jing Lu
(The Department of Respiratory Medicine, the Second Hospital of Jilin University, Changchun, China)

PS101  The Survey Of Adult Asthma Control In Jilin Province In China
Jing Liu
(The Department of Respiratory Medicine, the Second Hospital of Jilin University, Changchun, China)

PS102  The Effect Of Endurance Training-Induced Phenotypic Changes Of Rat Adrenal Medulla Chromaffin Cells On Exercise-Induced Bronchoconstriction
Cheng P. Hu
(Department of Respiratory Medicine, Xiangya Hospital of Central South University, Hunan, China)

PS103  Relationship Between Inhaler Usage Technique With Asthma Controlled Test (Act) And Emergency Department Visits
Bulis Natsir
(Department of Pulmonology and Respiratory Medicine, University Indonesia, Jakarta, Indonesia)

PS104  The Role Of Adipokines In Asthma Exacerbation
Nanaya Takeda
(Department of Respiratory Medicine and Allergology, Kariya Toyota General Hospital)

PS105  Safety And Efficacy Of Oral Versus Inhaled Corticosteroids In Moderate Persistent Asthma Among Children 6 To 15 Years Old
Yadnee V. Estrera
(Philippine Children’s Medical Center)

PS106  Evaluation Of Quality Of Life And Experiences Of High-Risk Asthma Patients Transferred From Paediatric To Adult Care
Yin Feng Lee
(KK Women’s and Children’s Hospital, Singapore.)
PS113 Asthma And Its Management: Identifying Distinct Patient Attitudinal Clusters
Thys Van Der Molen
(University of Groningen, Groningen, Netherlands)

PS114 Successful Of The National Asthma Program Using The Easy Asthma Clinic Model To Improve Asthma Management In Thailand
Watchara Boonsawat
(Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand)

PS115 Time Course Of Symptom And Pulmonary Function After Treatment With Fm/Bud
Yukihito Itoigawa
(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Japan)

PS116 Increase Of Regulatory T Cells May Suppress An Exacerbation Of Allergic Bronchopulmonary Mycosis
Chiyo Oshikata
(Clinical Research Center for Allergy and Rheumatology, National Hospital Organization Saganohara National Hospital, Kanagawa, Japan)

PS117 The Ongoing Allergic Rhinitis Impairs Asthma Control By Enhancing The Lower Airway Inflammation
Asako Oka
(The Third Department of Internal Medicine, Wakayama Medical University)

PS118 Ip-10 Upregulate The Effector Functions Of Eosinophils
Yotaro Takaku
(Allergy Center, Saitama Medical University, Saitama, Japan/Department of Respiratory Medicine, Saitama Cardiovascular and Respiratory Center, Saitama, Japan)

PS119 Effect Of Switching From Formoterol/Budesonide To Salbutamol/Fluticasone In Patients With Asthma
Kazuhiro Yatera
(Department of Respiratory Medicine, University of Occupational and Environmental Health, Japan)
PS120 The Characteristics Of Atopy, Bronchial Hyperresponsiveness And Lung Function In Elderly Asthmatics
Ching-Min Tseng
(Department of Chest medicine, Taipei Veterans General Hospital, Taipei, Taiwan)

PS121 Fractional Concentration Of Exhaled Nitric Oxide (Nobreath) For Monitoring Adult Asthma In Outpatient Clinic: Ramathibodi Hospital Experience
Theerasuk Kawinmathawong
(Division of Pulmonary and Critical Care Medicine Ramathibodi Hospital Bangkok, Thailand)

PS122 Physical And Cognitive Function Impairment In Elderly With Asthma Treated At Ramathibodi Hospital
Theerasuk Kawinmathawong
(Division of Pulmonary and Critical Care Medicine Ramathibodi Hospital Mahidol University)

PS123 Supraglottic Neurofibroma Mistaken For Bronchial Asthma: A Case Report And Review Of Literature
Li Li Zhang
(The Respiratory Department of Internal Medicine, Xiangya Hospital, Central South University, Changsha, China)

PS124 Study On The Association Of Tsip Gene Polymorphisms With Atopic Status, Pulmonary Function And Airway Hyperresponsiveness In Japanese Asthmatics
Satoshi Morishita
(Division of Pulmonary Medicine, Allergy and Rheumatology, Department of Internal Medicine, Iwate Medical University School of Medicine)

PS125 Age-Related Changes In Airway Resistance And Reactance Using An Impulse Oscillation System In Patients With Asthma
Takashi Iwashita
(Division of Respiratory Medicine and Allergology, Kirki University Faculty of Medicine, Osaka, Japan)

PS126 Correlation Between 1St Line Anti-Tb Drugs Sensitivity Test And Sputum Conversion After Intensive Phase On New Case Tb Patients
Tutik Kusmiati
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga/DR. Soetomo Hospital, Surabaya)

PS127 An Endobronchial Tuberculosis As A Pulmonary Mass With Metastasis-Like Lesion Of Spine
Chhar Bun Paul
(Medical Ward A, Calmette Hospital, Phnom Penh, Cambodia)

PS128 Prevalence Of Multidrug Resistant Mycobacterium Tuberculosis In And Around Population Of Varanasi District Of India
Deepak K. Shah
(Emergency, Sir Sunderlal Hospital, Banaras Hindu University, Varanasi, India)

PS129 Additional Role Of Second Washing Specimen Obtained By Flexible Bronchoscopy In Diagnosis Of Tuberculosis Jin-Lik Song
(Division of Pulmonary and Critical Care Medicine, Department of Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea)

PS130 Impact Of Socioeconomic Status On Net Outcome Of Dots Cat I & Cat II Cases
Manoj Meena
(Department of Respiratory Medicine, Institute of Medical Sciences, Banaras Hindu University, Varanasi, India)

PS131 Tracheopathiaostechondroplastica And Tuberculosis: A Case Report
Angeline Taleon-Parazo
(Pulmonary and Critical Care, Philippine Heart Center)

PS132 Prevalence And Risk Factors Inducing Hepatitis In Tuberculosis Patients At Uttaradit Hospital, Uttaradit Province In Thailand
Pichaphom Damrramjaroen
(Tuberculosis clinic, Uttaradit hospital, Uttaradit province, Thailand)

PS133 An Interesting Case Of Tuberculosis
Alex Ketenci
(Ozel Yeni Ikim Hastanesi, Istanbul, Turkey)

PS134 Diagnostic Problems In Urogenital Tuberculosis
Elizabeth V Pailingan
(Department of Pulmonology and Respiratory Medicine Faculty of Medicine Universitas Airlangga, Surabaya, Indonesia)
**P1−D2 Tuberculosis 2**

**Chairing:** Chi Fong Wong  
(Grantham Hospital, Hong Kong)  
Masao Okumura  
(Fukuju University Hospital, Japan)

**PS135** Demographic Profile Of Patients Referred To Tuberculosis Diagnostic Committee (Tbdc) At University Of Santo Tomas Hospital, Manila, Philippines  
Mark Leonard C. Flores  
(Center for Respiratory Medicine, University of Santo Tomas Hospital, Esplanada, Manila, Philippines)

**PS136** A Novel Assay To Detect Neutralizing Anti-Interferon-Gamma Autoantibody In Clinical Samples With Disseminated Non-Tuberculous Mycobacterial Infection  
Kenjiro Shima  
(Division of Respiratory Medicine and Infectious Disease, Niigata University, Niigata, Japan)

**PS137** Hypertonic Saline Induced At Clinic Visit And Morning Self-Expectorated Sputum Showed No Difference In The Bacteriologic Confirmation Of Pulmonary Tuberculosis  
Jiejun Lee  
(Department of Internal Medicine, Jeju National University School of Medicine, Jeju, Korea)

**PS138** Increased Risk Of Pulmonary Tuberculosis In People With Hepatitis C Virus Infection: A Population-Based Cohort Study  
Chen-Chang Liao  
(Department of Anesthesiology, Taipei Medical University Hospital, Taipei, Taiwan)

**PS139** Potential Function Of Granulysin, Perforin, Ifn-γ And Lymphocyte Subsets In Patients With Tb And Hiv/Tb Co-infection  
Nada Phutubut  
(Deartment of Microbiology and Immunology, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand)

**PS140** Clinical Profile Of Hiv-Infected Patients With Pulmonary Tuberculosis Caused By Mdr-Tb In Indonesia  
Nur I. Afliyantina  
(Deartment of Internal Medicine, Faculty of Medicine, Universitas Indonesia)

**P1−D3 Tuberculosis 3**

**Chairing:** Shenjie Tang  
(TB diagnosis and treatment center, Shanghai Pulmonary Hospital, China)  
Hidenori Masuyama  
(Kaken Hospital, Japan)

**PS141** Performance Of Xpert Mtb/Rif Compares To Liquid Media Culture In Diagnosing Pulmonary Tuberculosis In Hiv-Infected Patients In Indonesia  
Nur I. Afliyantina  
(Deartment of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia)

**PS142** Post Tuberculosis Sequelae: Lung Fibrosis And Hemosiderosis  
Ika Triawati  
(Division of Pulmonology Department Internal Medicine University of Gadjah Mada Yogakarta Indonesia)

**PS143** Associations Between Recurrent Pulmonary Tuberculosis And Mdi-Tb Infection Event In Patients With Hiv  
Uyainah Z Nasir  
(Division of Respirplogy and Critical Care, Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia)

**PS144** Profile Of Tb-Hiv Patients In Cipto Mangunkusumo Hospital  
Uyainah Z Nasir  
(Division of Respirplogy and Critical Care, Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

**PS145** Comparative Analysis Of Whole-Blood Interferon-γ And Flow Cytometry Assays For Detecting Post-Treatment Immune Responses In Patients With Active Tuberculosis  
Jashe Lee  
(Department of Internal Medicine, Kyungpook National University, School of Medicine, Daegu, Republic of Korea)

**PS146** Efficacy Of Later-Generation Fluoroquinolone For The Treatment Of Ofloxacin-Resistant Multidrug-Resistant Tuberculosis  
Tae Sun Shin  
(Department of Pulmonary and Critical Care Medicine, University of Ulsan College of Medicine, Asan Medical Center, Seoul, South Korea)
PS147 Comparative Chest Computed Tomography Findings Of Non-Tuberculous Mycobacterial Lung Diseases And Pulmonary Tuberculosis In Patients With Afb Smear-Positive Sputum
Cheng Yu Chang (Division of Chest Medicine, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan)

PS148 Comparison Of Spot And Early Morning Sputum Collection
Yi-Wen Huang (Institute of Medicine, Chung Shan Medical University, Taiwan/Pulmonary and Critical Care Unit, Changhua Hospital, Department of Health, Taiwan)

PS149 Clinical Features And Outcomes Of Disseminated Infections Caused By Non-Tuberculous Mycobacteria In A University Hospital In Taiwan
Chien-Hong Chou (The Departments of Laboratory Medicine and Internal Medicine, National Taiwan University Hospital, National Taiwan University College of Medicine, Taipei, Taiwan)

PS150 Association Of Tumor Necrosis Factor-Alpha Level With Pulmonary Tuberculosis Incidence
Sudarto J Lasim (Department of Internal Medicine, University of Sriwijaya, Palembang, Indonesia)

PS151 Correlation Of Interferon Gamma Level With Incidence Of Pulmonary Tuberculosis
Zen Ahmad (Department of Internal Medicine, University of Sriwijaya, Palembang, Indonesia)

PS152 Profile Of Tuberculosis Patients Over 6 Months At Singapore General Hospital (Sgh)
Suzanna Jaipar (Singapore General Hospital)

PS153 The Inclusion Of Manual Therapy In A Pulmonary Rehabilitation Program For Chronic Obstructive Pulmonary Disease: A Randomized Controlled Pilot Trial
Roger M Engel (Faculty of Science, Macquarie University, Sydney, Australia)

PS155 Outcome Of Pulmonary Rehabilitation For Patients With Chronic Obstructive Pulmonary Disease
Masaki Motta (Department of Internal Medicine, Saito Hospital, Ishinomaki, Miyagi, Japan)

PS156 Comparison Of Taichi Exercise And Treadmill Walking At 60% Of Maximal Load
Zhuhui Qu (State Key Laboratory of Respiratory Disease (Guangzhou Medical University), Guangzhou, China)

PS157 Physiological And Symptom-Based Assessment Of The Therapeutic Effects Of Indacaterol In Copd Patients
Kazuya Tanimura (Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

PS158 Copd Assessment Test As A Predictive Factor Of Acute Exacerbation Of Chronic Obstructive Pulmonary Disease
Yoshi Nakajima (Department of Respiratory Medicine and Allergy, Tosei General Hospital, Seto, Aichi, Japan)

PS159 Direct Evidence Of Forced Expiratory Airflow Limitation At The Intra-Mediastinal Airway In Emphysema Patients By The Use Of 4D-Ct
Haruhiko Hirata (Respiratory Medicine, Allergy and Rheumatic Diseases, Osaka University Graduate School of Medicine, Osaka, Japan)

PS160 Placebo Controlled Study Of Roflumilast In Bangladeshi Copd Patients
Asif M Mahmud (Institute of Epidemiology, Disease Control & Research, Dhaka, Bangladesh)

P1–D4 COPD 1

Chairing: Masahiro Aoshima (Kameda Medical School, Chiba, Japan)
Hajime Kuratsuka (Tohoku University School of Medicine, Japan)
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**P1-E1 COPD 2**

Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan)

| PS161 | Role Of A New Long Acting Beta-2 Agonist (Indacaterol) In Management Of Copd Patients | Kaz S. Bernoor  
(National Institute of Diseases of Chest & Hospital (NIDCH))  
Chairs: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS162 | A 26-Week Randomised, Double-Blind Study Demonstrating The Effect Of Once-Daily Indacaterol In A Predominantly Chinese Population With Copd | Wanzen Yao  
(Peking University Third Hospital, Beijing 100083, China)  
Chairing: Kaz S. Bernoor  
(National Institute of Diseases of Chest & Hospital (NIDCH))  
Chairs: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS163 | Arterial Blood Gas Analysis Characteristic In Hospitalized Acute Exacerbation Of Copd And Its Relationship In Hospital Mortality | Mariia Afifudin  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS164 | Evaluation Of Copd Assessment Test (Cat) And Acute Exacerbation During Pilgrimage In Indonesian Pilgrims | Muhammad I Mokagow  
(University of Internal Medicine, University of Indonesia, Jakarta)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS165 | Anemia And Eosinopenia In Patients Hospitalized For Copd Exacerbation And Its Relationship With Mortality Rate And Redoxygenation | Prika Gunara Putri  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS166 | Lung Function Status And Its Relationship With Number Of Exacerbations In Patients With Chronic Obstructive Pulmonary Disease (Copd) | Mohamed Tantall  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

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**P1-E2 COPD 3**

Chairing: Faisal Yunus  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan)

| PS171 | The Effectiveness Of New Inspiratory Muscle Training | Kazuki Okuura  
(University of Rehabilitation, Akita City Hospital, Akita, Japan)  
Chairing: Faisal Yunus  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS172 | Multidetector-Row Computed Tomography Assessment Of Adding Budesonide/Formoterol To Tiotropium In Patients With Chronic Obstructive Pulmonary Disease | Hideki Yasui  
(Second Division, University of Medicine, Hamamatsu University School of Medicine, Hamamatsu, Japan)  
Chairing: Faisal Yunus  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |

| PS173 | Correlation Of Nutritional Status Using Subjective Global Assessment (Sga) On Pulmonary Function Parameters In Patients With Copd | Cristita B. Atea  
(University of Pulmonary and Critical Care, Philippine Heart Center)  
Chairing: Faisal Yunus  
(University of Medicine and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta)  
Chairing: Yoon-Mok Oh  
(Asan Medical Center, University of Ulsan College of Medicine, Korea)  
Kazutatsu Aoshiba  
(Tokyo Medical University Ibaraki Medical Center, Japan) |
| PS174 | The Utility Of Tiotropium Among Patients With Copd: An Update Of A Meta-Analysis Of Randomized Controlled Trials (Urac Update)  
Johann Paolo Augusto D. Almazar  
(Philippine General Hospital, Manila, Philippines) |
| PS175 | Are There Gender-Related Differences In Patients Hospitalized For Copd  
Etra Uzasiyan  
(Uludag University School of Medicine, Department of Pulmonary Diseases, Bursa, Turkey) |
| PS176 | Comorbidities In Patients Hospitalized For Acute Exacerbation Of Copd  
Asi Gorek Dilekstali  
(Uludag University School of Medicine, Department of Pulmonary Diseases, Bursa, Turkey) |
| PS177 | Perception Of Symptom Variability In Chinese Copd Patients  
Wanzhen Yao  
(Peking University Third Hospital, Beijing, China) |
| PS178 | Efficacy And Safety Of Once-Daily Qva149 Compared With The Free Combination Of Its Mono-Components: The Beacon Study  
Ronald Dahl  
(Department of Clinical Medicine, Aarhus Universitet, Denmark) |
| PS179 | High Prevalence Of Streptococcus Pseudopneumoniae In Sputum Of Patients With Acute Exacerbation Of Copd  
Fanny Ws Ko  
(Depart. of Microbiology, The Chinese University of Hong Kong, Hong Kong) |
| PS180 | Serum Uric Acid: An Alternative Test To Assess Degree Of Severity Of Copd  
Jurufa Widisastro  
(Department of Pulmonology and Respiratory Medicine Faculty of Medicine Universitas Airlangga, Surabaya, Indonesia) |
| PS181 | The Role Of Tnf Alpha Serum In Nutritional Status Of Chronic Obstructive Pulmonary Disease Patients  
Muhammad Amin  
(Department of Pulmonology and Respiratory Medicine Faculty of Medicine Universitas Airlangga, Surabaya, Indonesia) |
| PS182 | Physician Knowledge And Perception Of Copd Management In Korea And Japan: Continuing To Confront Copd (C2C) Physician Survey 2012-2013  
Masakazu Ichinose  
(Dept of Respiratory Medicine, Tohoku University Graduate School of Medicine) |
| PS183 | Survey Of Subjective Symptoms And The Actual Condition Of Patients Receiving Treatment For Chronic Obstructive Pulmonary Disease  
Masakazu Ichinose  
(Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Miyagi, Japan) |
| PS184 | Evaluation Of Properties Of The Copd Assessment Test (Cat) Vs Sgrq In Predicting Severity Of Copd By Gold Criteria  
Marie Grace L. Luancing  
(Philippine Heart Center, East Avenue Quezon City, Philippines) |
| PS185 | Risk Factors Associated With Chronic Obstructive Pulmonary Disease Early Readmission  
Jian Lin  
(Department of Respiratory Medicine, Taizhou Hospital of Wenzhou Medical College, Linghe 317000, Zhejiang, P. R. China) |
| PS186 | Low Lung Volume Is Associated With Visceral Adipose Tissue Inflammation  
Shigeo Kawase  
(Department of Hematology and Respiratory Medicine, Kochi University, Kochi, Japan) |

**POSTER SESSION**

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**P1−E3 COPD 4**

**Chairing:** Yi-Han Hsiao  
(Department of Chest Medicine, Taipei Veterans General Hospital, Taiwan)  
Norihiro Kameko  
(Kameda Medical Center, Japan)

**PS179** | High Prevalence Of Streptococcus Pseudopneumoniae In Sputum Of Patients With Acute Exacerbation Of Copd  
Fanny Ws Ko  
(Depart. of Microbiology, The Chinese University of Hong Kong, Hong Kong) |

**PS180** | Serum Uric Acid: An Alternative Test To Assess Degree Of Severity Of Copd  
Jurufa Widisastro  
(Department of Pulmonology and Respiratory Medicine Faculty of Medicine Universitas Airlangga, Surabaya, Indonesia) |

**POSTER SESSION**

**TUESDAY - NOVEMBER 12**  
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The Conference Center, Pacifico Yokohama  
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**P1−E4 COPD 5**

**Chairing:** Ali Hossain  
(Respiratory Medicine, NDIC, Dhaka and the Secretary General, Bangladesh Lung Foundation, Bangladesh)  
Toshio Ichiwata  
(Tokyo Medical University Hachioji Medical Center, Japan)
PS187 Preoperative Pulmonary Dysfunction And Comorbidities In Patients Undergoing Surgery
Shigeo Kawase
(Department of Hematology and Respiratory Medicine, Kochi University, Kochi, Japan)

PS188 Evaluation Of Cardiovascular Risks In Patients With Copd Using High-Sensitivity C-Reactive Protein, Carotid Intima-Media Thickness And Detection Of Platelet Hyperaggregability
Asuka Napi
(Department of Pulmonary Medicine, Tokai University Tokyo Hospital)

PS189 Systemic Review And Meta-Analysis Of Pulmonary Specific Therapy For Exercise Capacity In Copd
Jinkyong Park
(Department of Pulmonary and Critical Care Medicine, Wonkwang University, Sanbon Hospital, Gunsan, Korea)

PS190 Repeated Educational Campaigns About Chronic Obstructive Pulmonary Disease For General Practitioners And Their Effectiveness
Yasushi Ryujin
(Division of Respiratory Medicine, Department of Internal Medicine, Shiga University of Medical Science, Shiga, Japan)

PS191 Atopic Factors In Patients With Chronic Obstructive Pulmonary Disease
Ayami Ono
(Department of Respiratory Medicine, Yokohama City Seibu Hospital, St. Marianna University School of Medicine, Kanagawa, Japan)

PS192 Acute Exacerbations Of Copd In The Pilgrims From Jakarta Embarkation During Haj Year Of 2001 And 2012
Ali Sadik Atai
(faculty of medicine University of Indonesia, Jakarta/Faculty of Medicine University of Muhamadiyah Makassar)

PS193 Chronic Obstructive Pulmonary Disease As The Risk Factors Of Post-Operative Lung Complications In The Patients With Unruptured Aortic Aneurysms
Mohteru Tajiri
(Division of Respirology, Neurology, and Rheumatology, Department of Medicine 1, Kurume University School of Medicine)

PS194 The Benefits Of Pulmonary Rehabilitation In Copd; Examination By A New Gold Classification
Tomoya Ogawa
(Department of Rehabilitation, Tosei General Hospital, Seto, Aichi, Japan)
PS201 Characteristics Of Inspiratory And Expiratory Reactance In Idiopathic Pulmonary Fibrosis
Aya Sugiyama
(Department of Molecular and Internal Medicine, Institute of Biomedical & Health Sciences, Hiroshima University, Hiroshima, Japan.)

PS202 Quantification Of Lung Perfusion Blood Volume And Xe-Ventilation By Dual-Energy Ct In Patients With Combined Pulmonary Fibrosis And Emphysema
Yasuhiro Nakamura
(Department of Respiratory Medicine, Toho University Omori Medical Center)

PS203 Retrospective Analysis Of The Patients With Lymphangioleiomyomatosis
Masaki Hirose
(Department of clinical research center, Kinki-Chuo Chest Medical Center, Osaka, Japan)

PS204 Diagnostic Methods And Utility Of Transbronchial Lung Biopsy In The Diagnosiosl Lymphangioleiomyomatosis
Koko Muraki
(Department of Respiratory Medicine, Juntendo University, Graduate School of Medicine, Tokyo, Japan)

PS205 Uip Pattern Of Chronic Hypersensitivity Pneumonitis: Differentiation From Idiopathic Pulmonary Fibrosis
Tomoya Tateishi
(The Department of Respiratory Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

PS206 Myeloperoxidase Anti-Neutrophil Cytoplasmic Antibody (Mpo-Anca) Associated Lung Disease: Clinical, Radiological And Bronchoalveolar Lavage Fluid Findings
Takuto Miyamura
(Second Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki, Japan)

PS207 Clinical Analysis Of Lung Manifestations In Sjögren’S Syndrome
Naoko Fukuhara
(Department of Pulmonary Medicine, Fukushima Medical University, Fukushima, Japan)

PS208 Riluzole-Induced Lung Injury In Two Patients With Amyotrophic Lateral Sclerosis
Takuya Kakuta
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)

PS209 Sarcoidosis Like Findings In A Crohn Patient Treated With Infliximab
Niiho A Acet
(Ulsan University, Faculty of Medicine, Department of Pulmonary Diseases)

PS210 Clinical And Radiological Characteristics Of Rapidly Progressive Interstitial Pneumoniae
Kenta Furuya
(Department of respiratory medicine, Toho university school of medicine, Tokyo, Japan)

PS211 Two Cases Of Rapidly Progressive Interstitial Pneumonia Associated With Clinically Amyopathic Dermatomyositis Successfully Treated With Early Intensive Therapy
Yasuko Yoshioka
(Department of Respiratory Medicine, Juntendo University Urayasu Hospital, Chiba, Japan)

PS212 Bal Fluid Concentrations Of Cytokines In Patients With Nsip, Uip, Collagen Vascular Disease Associated With Interstitial Pneumonia, And Sarcoidosis
Fumiyoshi Tatewaki
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)

PS208 Riluzole-Induced Lung Injury In Two Patients With Amyotrophic Lateral Sclerosis
Takuya Kakuta
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)

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PS211 Two Cases Of Rapidly Progressive Interstitial Pneumonia Associated With Clinically Amyopathic Dermatomyositis Successfully Treated With Early Intensive Therapy
Yasuko Yoshioka
(Department of Respiratory Medicine, Juntendo University Urayasu Hospital, Chiba, Japan)

PS212 Bal Fluid Concentrations Of Cytokines In Patients With Nsip, Uip, Collagen Vascular Disease Associated With Interstitial Pneumonia, And Sarcoidosis
Fumiyoshi Tatewaki
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)
PS213  Characteristics Of Mediastinal Tumors In Persahabatan Hospital In January 2012-July 2013
Deniallah Anissa Linda
(Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)

PS214  Lung Leukostasis: A Serial Case Report From Three Patients With Chronic Myelocytic Leukemia
Ika Triyawati
(Division of Pulmonology Department Internal Medicine University of Gadjah Mada Yogyakarta Indonesia)

PS215  Feasible Use Of Bipolar Tissue Sealing System For Thoracoscopic Thymectomy Department Of Surgery
Takaharu Kinbayashi
(Department of Surgery, Toho University Ohashi Medical Center, Tokyo, Japan)

PS216  Pulmonary Lymphangioleiomymatosis In Elderly Patients: A Case Report And Review Of Literature
Ayako Matsubara
(Department of Internal Medicine, Division of Respiratory Medicine and Allergology, Aichi Medical University School of Medicine, Aichi, Japan)

PS217  S-1 Monotherapy For Advanced Thymic Carcinoma
Yuka Kato
(Department of Respiratory Medicine, Okayama University Hospital, Okayama, Japan)

PS218  A Case Of Serum Cea Elevation Which Marked Diagnosis Of Pulmonary Alveolar Proteinosis
Taro Yoneda
(Department of Internal Medicine, Keijyu Medical Center, Ishikawa, Japan)

PS219  Pentraim-3 In Febrile Neutropenia In Lung Cancer Patients
Noriko Takeda
(Department of Respiratory Medicine, Graduate School of Medicine, Osaka City University, Osaka, Japan)

PS220  Thoracoscopic Surgery Using Absorbable Felt To Prevent The Recurrence Of Pneumothorax
Yusuke Kita
(Department of Surgery, Yaizu City Hospital, Shizuoka, Japan)

PS221  Early Detection Of Mediastinal Tumors Using Low-Dose Spiral Computed Tomography
Kumaka Kasuga
(Department of Internal Medicine, Shinjuku-Oiwake Clinic, Tokyo, Japan)

PS222  A Novel Clinical Role For Angiopoietin-1 In Malignant Pleural Mesothelioma
Chiharu Takeda
(Division of Respiratory Medicine, Department of Internal Medicine, Hyogo College of Medicine)

PS223  Mesothelioma Cell Proliferation Through Autocrine Activation Of Pdgf-β Receptor
Miki Honda
(Division of Respiratory Medicine, Hyogo College of Medicine, Hyogo, Japan)

PS224  Clinical Characteristics Of Interstitial Pneumonia In Microscopic Polyangiitis
Keita Sato
(Department of Respiratory Medicine, Toho University Otori Medical Center, Tokyo, Japan)

PS225  Validation Of Rapid Emergency Medicine Score As A Prognostic Scoring System For Adult Nonsurgical Emergency Patients In Indonesia
Martin Winardi
(Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS226  Effect Of A Negative Pressure At Intercuff Space In Double Cuffed Endotracheal Tube
Bae Wook Koo
(Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Seong-nam, Korea)

PS227  A Comparison Of Size Selection Strategies Of Slips With Regard To Patient Height Vs. Thyroid Cartilage Width
Eunjin Ahn
(Departments of Anesthesiology and Pain Medicine, College of Medicine, Chung-Ang University, Seoul, Korea)
PS228  Efficacy Of Structured Family Meeting On The Will Of Tracheostomy In Patients With Prolonged Mechanical Ventilation In A Low-Tracheostomy-Rate Country
Ling-I Chen
(Chest Division, Department of Internal Medicine, Chia-Yi Branch, Taichung Veterans General Hospital, Chia-Yi, Taiwan)

PS229  Measurement And Analysis Of The Common Food Allergens Specific IgE
Baojing Sun
(State Key Laboratory of Respiratory Disease, the First Affiliated Hospital of Guangzhou Medical University, Guangzhou Medical University, Guangzhou, China)

PS230  A Case Of Mounier-Kuhn Syndrome With Tracheal Web
Ikuo Takeda
(Koto Hospital Medical Center for Respiratory and Infectious Diseases, Tokyo, Japan)

PS231  Relationships Between Smoking Status And Cognitive Function In Community-Dwelling Elderly Men
Kayomi Matsumoto
(Department of Physical Therapy, Niigata University of Health and Welfare, Niigata, Japan)

PS232  Optimal Ventilator Setting In Thoracoscopic Bleb Resection Under Low Tidal Two-Lung Ventilation Anesthesia
Dong Kyu Lee
(Department of Anesthesiology and Pain Medicine, Korea Univ. Guro Hospital, Seoul, Republic of Korea)

PS233  Caring By Teamwork Of One Stop Service For Asthmatic Patients At The Adult Asthmatic Clinic Of Buriram Hospital
Wisagom Mrs Modthong
(Pulmonary Medicine Department, Buriram Hospital, Thailand)

PS234  Accuracy Of Handheld Spirometry As A Comparable Diagnostic Tool To Pulmonary Function Testing
Jessamine C. Dacanay
(Division of Pulmonary and Critical Care Medicine, Philippine Heart Center, Quezon City, Philippines)

PS235  Clinical Characteristics Of 64 Lung Cancer Patients With Pleural Plaques
Shoichi Kuyama
(Department of Respiratory Medicine, Iwakuni Clinical Center, Yamaguchi, Japan)

PS236  Clinical Features And Outcomes In Lung Cancer With Combined Pulmonary Fibrosis And Emphysea
Yui Minegishi
(Division of Pulmonary Medicine, Infectious Disease, and Oncology, Department of Internal Medicine, Nippon Medical School, Tokyo, Japan)

PS237  Lung Volume Assessment On 3D-Ct And Predicted Post-operative Pulmonary Function For Lung Cancer Patients
Masanori Yokoba
(Kitasato University Allied Health Sciences, Kanagawa, Japan/Kitasato University Hospital, Pulmonary Medicine, Kanagawa, Japan)

PS238  Svc Syndrome As A Prognostic Factors For Extensive Stage Small Cell Lung Cancer
Neuborn Yoon
(Department of Internal Medicine, Dong-A University Hospital)

PS239  Clinical Features Of Patients With Nsclc Who Harbor Egfr Mutation And Present With Miliary Intrapulmonary Or Disseminated Carcinomatosis
Kye Young Lee
(Departments of Internal Medicine, Konkuk University School of Medicine, Seoul, Korea)

PS240  Rising The Proportion Of Lung Adenocarcinoma In A Tertiary Referral Hospital Of South Korea
Ae-Ra Lee
(Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Seoul National University College of Medicine)
PS241 Outcomes Of Patients With Lung Cancer Admitted To The Medical Intensive Care Unit
Seung M. Kwak (Pulmonary Division of Internal Medicine, Inha University, Incheon, Korea)

PS242 Characteristics Of Patients Suffering From Lung Malignancy In Kuching : A Retrospective Study
Jyi Lin Wong (Department of Medicine, Sarawak General Hospital)

PS243 Retrospective Study Of Combination Chemotherapy With Cisplatin Plus Pemetrexed As First Line Therapy For Advanced Non-Small Cell Non-Squamous Lung Cancer
Toshiya Inui (Department of Respiratory Medicine, Kyorin University School of Medicine, Tokyo, Japan)

PS244 Histologic Types And Radiological Characteristics Of Lung Cancer With Usual Interstitial Pneumonia
Jae Jung Shim (Department of Internal Medicine, Korea University College of Medicine, Seoul, Republic of Korea)

PS245 C609T Polymorphism Of Nadph Quinone Oxidoreductase 1 Correlates Clinical Hematological Toxicities In Lung Cancer Patients Treated With Amrubicin
Takako Oka (Department of Respiratory Medicine, Graduate School of Medicine, Osaka City University, Osaka, Japan)

PS246 Surfactant Protein A Suppresses Progression Of Human Lung Adenocarcinoma In Nude Mice Via Modulating Host Immune Response
Atsushi Mitsuhashi (Department of Respiratory Medicine and Rheumatology, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan)

PS247 Lipid Accumulation In Peripheral Blood Dendritic Cells Of Patients With Lung Cancer
Ryo Arai (Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University School of Medicine, Mibu, Tochigi, Japan)

PS248 Effect Of Simvastatin On Gefitinib Resistance In Non-Small Cell Lung Cancer With The T790M Mutation Of Epidermal Growth Factor Receptor
Hik R. Kim (Department of Internal Medicine, Wonkwang University, School of Medicine, Iksan, Jeonbuk, South Korea)

PS249 Bovine Lactoferrin Inhibits Lung Cancer Growth Through Suppression Of Both Inflammation And Expression Of Vascular Endothelial Growth Factor
Chih-Ching Yen (Department of Pulmonary & Critical Care Medicine, China Medical University Hospital, Taichung, Taiwan/Department of Life Science, National Chung Hsing University, Taichung, Taiwan)

PS250 Up-Regulation Of MIR-92A By Stat3 Oncogene Promotes Invasiveness Of Lung Cancer Cells
Wen-Chun Hung (National Institute of Cancer Research, National Health Research Institutes)

PS251 Clinicopathological And Prognostic Significance Of Interleukin-8 Expression And Its Relationship To Kras And Egfr Mutations In Lung Adenocarcinoma
Noriaki Sunaga (Department of Medicine and Molecular Science, Gunma University Graduate School of Medicine)

PS252 Antitumor Effect Of A Humanized Antibody Against Aminopeptidase N In Mouse Tumor Models
Shin Akita (Department of Molecular and Internal Medicine, Graduate School of Biomedical & Health Sciences, Hiroshima University, Hiroshima, Japan)

PS253 Pge2-Ep3 Signaling Induces Pre-Metastatic Niche Formation In Mediastinal Lymph Node By Cxcr4/Sdf-1 Axis
Fumihiro Ogawa (Department of Thoracic Surgery, Kitasato University School of Medicine, Kanagawa, Japan)

PS254 Expression And Role Of Intermediate Filament Nestin In Small-Cell Lung Cancer
Ken Maeno (Department of Medical Oncology and Immunology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan)
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<td>Chairing: Shuichiro Maruoka (Nihon University School of Medicine, Japan) Kunio Dobashi (Gunma University Graduate School of Medicine, Japan)</td>
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**PS255 Asthma And Severity Of The 2009 Novel H1N1 Influenza: A Case-Control Study**
Yong Bum Park (Department of Internal Medicine, Hallym University Kangdong Sacred Heart Hospital, Seoul, Korea)

**PS256 Impact Of Asthma Disease Management Program On Overall Control And Quality Of Life Of Asthma Patients**
Wai Mun Wong (National Healthcare Group)

**PS257 Onsite Nurse Education Improves Asthma Patient Safety In Emergency Room**
Chi Ching Gan (National University Hospital)

**PS258 Frequency And Seasonal Alteration Of Asthma Exacerbations Rate In Pulmonary Medicine Clinic**
Safak Yildiz (Eskişehir Military Hospital, Department of Pulmonary Medicine, Eskişehir, Turkey)

**PS259 Serum Eosinophil Cationic Protein Levels In Asthma Bronchiale Patients**
Fatem Nufafer Cakansiar (Medeniyet University Gostete Education Hospital, Istanbul, Turkey)

**PS260 Relationship Between Maximal Mid Expiratory Flow And Methacholine Challenge Test In Patient With Asthma**
Yasser Al-Khassar (Respirology Division, Department of Medicine, Sheikh Khalifa Medical City, Abu Dhabi, United Arab Emirates)

**PS261 Perception On The Impact Of Asthma Resources Nurses Service At Kh**
Al Huay Teo (KK Women’s and Children Hospital Singhealth Health Singapore)

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<td><strong>P2-A6 Asthma 5</strong></td>
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<td>Chairing: Yoshimichi Okayama (Japan) Hironori Sagara (Showa University School of Medicine, Japan)</td>
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**PS262 Inducible Nos Is Major Source Of Distal Airway Nitric Oxide In Steroid Naive Asthmatics**
Takashi Shiobara (Dokkyo Medical University School of Medicine Department of Pulmonary Medicine and Clinical Immunology)

**PS263 Comparative Study Of The Effects Of Low Dose Budesonide, High Dose Budesonide And Montelukast To Cough Variant Asthma**
Masatani Yamaguchi (Division of Respiratory Medicine, Department of Medicine, Shiga University of Medical Science, Shiga, Japan)

**PS264 A Switching Low Dose Inhaled Corticosteroid To Pranlukast In Mild Persistent Asthma**
Fumiko Kasuga (Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

**PS265 The Measurement Of Cough Sensitivity To Methacholine For Discrimination Of Cough Variant Asthma**
Noriyuki Okura (Ishikawa Prefectural Central Hospital)

**PS266 Differences In Patients With Asthma In The Elderly With Or Without Airflow Limitation**
Osamu Matsuno (Division of Medicine for Allergic Disease, Osaka Prefectural Medical Center for Respiratory and Allergic Diseases)

**PS267 LtrA Could Be A Redox Factor In The Airway Inflammation Of Bronchial Asthma**
Tetuya Kawano (Second Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki, Japan)

**PS268 Do You Think Question 5 Needs On Asthma Control Test For Bronchial Asthma?**
Naoto Watanabe (Tokyo Allergy and Respiratory Disease Research Institute)
PS269  Upregulation Of Cd11B On Eosinophils In Aspirin Induced Asthma
Tomoyuki Minezawa
(Department of Internal Medicine, Division of Respiratory Medicine and Clinical Allergy, Fujita Health University, Toyoake, Japan)

PS270  Measurement Of Serum Free Ige In The Patients Treated With Omalizumab
Reiko Ito
(Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine)

PS271  IL-33 And Regulated And Normal T Cell Expressed And Secreted (Rantes) In Bal Fluid In Asthma Patients Without Cigarette Smoking
Masamitsu Tatewaki
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)

PS276  Selective Secretion Of Exosomal Micromas In A Mice Model Of Bronchial Asthma
Yasuhiro Gor
(Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine, Tokyo, Japan)

PS277  Chemokine Expressions Of Distal Bronchial Epithelial Cells By Cdna Microarray Analysis In Steroid Naive Bronchial Asthma
Taiji Watarabe
(Dokkyo Medical University School of Medicine Department of Pulmonary Medicine and Clinical Immunology)

PS279  Effects Of Pirfenidone On Increased Cough Reflex Sensitivity In Guinea Pigs
Akihiko Okazaki
(Department of Respiratory Medicine, Cellular Transplantation Biology, Graduate School of Medicine, Kanazawa University, Kanazawa, Japan)

PS280  Interleukin-23 May Contribute To Difference In Severity Of Eosinophilic Airway Inflammation Between Sexes In A Murine Model Of Asthma
Takako Nakano
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)
**POSTER SESSION**

**WEDNESDAY - NOVEMBER 13 14:00-15:30**

**The Conference Center, Pacific Yokohama Room B**

### P2−B1 Respiratory Infections (non-tuberculosis) 4

**Chairing:** Xu-Guang Guo  
(Department of Clinical Laboratory Medicine, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China)  
Satoshi Hori  
(Juntendo University, Japan)

**PS282 Experiences Of Pulmonary Complications In Two Nonagenarians With Femoral Neck Fractures, Both With And Without Operation**  
Yu Yanaguchi  
(Department of Respiratory Medicine, Hashimoto Municipal Hospital)

**PS283 Efficacy And Safety Of Moxifloxacin In Patients With Nursing And Healthcare-Associated Pneumonia**  
Kei Yamazaki  
(Department of Respiratory Medicine, University of Occupational and Environmental Health, Fukuoka, Japan)

**PS284 Serum IgA Antibodies Against Glycopeptidolipid Core Antigen In Patients With Pulmonary Disease Due To Nontuberculous Mycobacteria Other Than Mycobacterium Avium-Complex**  
Yoshimizu Korneeda  
(Department of Pulmonary Medicine, Graduate school of Medical & Dental Sciences, Kagoshima University, Kagoshima, Japan/Minami Kyushu National Hospital, Department of Respiratory Medicine)

**PS285 Clinical Significance Of Aspergillus Isolation From Respiratory Samples In Patients Non-Tuberculous Mycobacterioses**  
Masahiro Naito  
(Respiratory Center, Matsusaka Municipal Hospital, Mie, Japan)

**PS286 Thoracoscopic Surgery Under Local Anesthesia For Acute Emphyema**  
Yusuke Kita  
(Department of Surgery, Yaiyu City Hospital)

**PS287 The Importance Of Host Resistance For The Onset Of Pneumonia Among Cerebrovascular Disorder Patient In Recovery Stage**  
Takuro Matsumura  
(Department of Community Health Sciences, Kobe University Graduate School of Health Sciences, Kobe, Japan)

### P2−B2 Respiratory Infections (non-tuberculosis) 5

**Chairing:** Zulkifli Amin  
(Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)  
Atsuto Matsuse  
(Nagasaki University, Japan)

**PS291 Clinical Characteristics Of Community-Aquired Sporadic Infection With Legionella Pneumophila**  
Yusuke Amano  
(Department of Respiratory Medicine, Iwata City Hospital, Iwata, Japan)

**PS292 Prevention Of A Nosocomial Infection Caused By Influenza Virus A Using Prophylactic Administration Of Oseltamivir: With Review Of Literatures**  
Sakura Sunagawa  
(Department of Infectious, Respiratory, and Digestive Medicine, Control and Prevention of Infectious Diseases, Faculty of Medicine, University of the Ryukyu, Okinawa, Japan)  
(Department of Hospital Pharmacy, Faculty of Medicine, University of the Ryukyu, Okinawa, Japan)
Clinical And Radiological Characteristics Of Human Metapneumovirus Pneumonia In An Outbreak At A Long-Term Care Facility
Yosuke Karimata
(Department of Infections, Respiratory, and Digestive Medicine, Faculty of Medicine, University of the Ryukyus, Okinawa, Japan)

Out-Patient Upper Respiratory Tract Infections Rate In Pulmonary Medicine Clinic
Safak Yildiz
(Department of Pulmonary Medicine, Eskisehir Military Hospital, Eskisehir, Turkey)

Safety And Tolerability Of Tedizolid Phosphate, A Novel Oxazolidinone, Versus Linezolid In Two Phase III Studies In Skin/Skin Structure Infections
Edward Fang
(Trius Therapeutics)

Recurrence Of Chronic Pulmonary Aspergillosis After Discontinuation Of Antifungal Azyoles
Kazuya Koyama
(The Center for Respiratory diseases, National Hospital Organization Tokyo National Hospital, Tokyo, Japan)

Autophagy Is A Defense Mechanism In The Infection Of Lung Epithelial Cells For Streptococcus Pneumonia
Xu-Guang Guo
(Department of Clinical Laboratory Medicine, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China/Department of Internal Medicine, The Third Clinical College of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China/Center for Severe maternal Treatment of Guangzhou City, The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People’s Republic of China)

A Staphylococcus Aureus Pore-Forming Toxin Subverts The Activity Of Adam10 To Cause Lethal Infection In Mice
Ichiro Inohama
(Research Institute for Diseases of the Chest Graduate School of Medical Sciences Kyushu University)

Influenza Epidemics During 2007 And 2013 In Okinawa, Subtropical Region In Japan : Surveillance Of Rapid Antigen Results
Yoshikazu Iha
(Department of Infectious, Respiratory, and Digestive Medicine, Control and Prevention of Infectious Diseases, Faculty of Medicine, University of the Ryukyus, Okinawa, Japan / Department of Hospital Nursing, Faculty of Medicine, University of the Ryukyus, Okinawa, Japan)

P2–B3 Bronchoscopy and Interventional Techniques
Chairing: Alice PS Cheung
(United Christian Hospital, Hong Kong Special Administrative Region, China)
Yasushi Ohno
(Gifu University Hospital, Japan)

Role Of Fob In The Diagnosis Of Bronchial Carcinoma: Bangladesh Perspective
Md. Feridous Wahid
(Department of Respiratory Medicine, National Institute of Diseases of the Chest and Hospital, Mohakhali, Dhaka, Bangladesh)

Endobronchial Ultrasound: An Innovation In Bronchoscopy In Bangladesh
Munnaeez Murtaza Khan
(National Institute of Diseases of the Chest & Hospital (NIDCH), Mohakhali, Dhaka, Bangladesh)

Airway Stenting: A New Step In Bangladesh
Md. Zakir Hossain Sarker
(National Institute of Diseases of the Chest and Hospital (NIDCH), Mohakhali, Dhaka, Bangladesh)

Comparison Of Sprayed And Nebulized Topical Anesthetic Patient Undergoing Fiber Optic Bronchoscopy In Adam Malik General Hospital
Sudarto Sudarto
(Department of Pulmonology and Respiratory Medicine, Universitas Sumatera Utara, Medan, Indonesia)

A Foreign Body Of The Hair Crab’S Shell In The Bronchus Retrieved Through The Tracheostomy: A Case Report
Ayako Igarashi
(Department of Respiratory Medicine, Oji General Hospital, Tomakomai, Hokkaido, Japan)

High-Flow Therapy During The Bronchoscopy In Patients With Severe Respiratory Failure
Yumiko Kashiwagi
(Respiratory Medicine, Kurashiki Central Hospital, Okayama, Japan)
PS306 Increased Diagnosis Rates Using Ultrathin Bronchoscopy And Thin Bronchoscopy With The Ebus-Guide Sheath Method With Virtual Bronchoscopic Navigation Assistance
Masaki Anzai
(Division of respiratory medicine, Faculty of medical sciences, University of Fukui, Japan)

PS307 Usefulness And Safety Of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration In Older Patients
Shotaro Okachi
(Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan)

PS308 The Role Of Medical Thoracoscopy In Complicated Parapneumonic Effusions: Its Utility At The Bedside
Yinguan Mak
(Department of Respiratory and Critical Care Medicine, Changi General Hospital, Singapore)

PS309 Ct Guide Transthoracic Biopsy Using 18 Gauge Coaxial Core Needle: Somdech Phra Debaratana Medical Center Ramathibodi Hospital Sdmc Experience
Theraruk Kawamatawong
(Division of Pulmonary and Critical Care Medicine Ramathibodi Hospital Mahidol University)

PS310 Outcome Of The Four Week Pulmonary Rehabilitation Program At The University Of Perpetual Help Delta Medical Center
Gener A. Idor
(Section of Pulmonary Medicine, University of Perpetual Help DALTA Medical Center)

PS311 Expiratory Muscle And Upper Airway Muscle Activity During Reverse Sniff
Tsuyoshi Ichikawa
(Kitaotsu University Graduate School of Medical Sciences, Kanagawa, Japan/Tokai University Oiso Hospital Rehabilitation Medicine, Kanagawa, Japan)

PS312 A Case With Isolated Right Hemidiaphragmatic Rupture
Soozi Cubuk
(Thoracic Surgery Dep., Gulhane Military Medical Academy, Ankara, Turkey)

PS313 A Retrospective Analysis Of Six Cases With Pneumomediastinum
Hakan Isik
(Thoracic Surgery Dep., Gulhane Military Medical Academy, Ankara, Turkey)

PS314 Reexpansion Pulmonary Edema After Left Recurrent Pneumothorax
Okan Karatas
(Thoracic Surgery Dep., Gulhane Military Medical Academy, Ankara, Turkey)

PS315 A Neurofibromatosis Case Accompanying With Massive Chest Wall Involvement
Hakan Isik
(Thoracic Surgery Dep., Gulhane Military Medical Academy, Ankara, Turkey)

PS316 Dermatofibrosarcoma With Bilateral Multiple Pulmonary Metastasis: Case Report
Okan Karatas
(Thoracic Surgery Dep., Gulhane Military Medical Academy, Ankara, Turkey)

PS317 Effects Of Postural Change On Respiratory System Impedance In Healthy Subjects
Etshiro Nikuni
(Department of Occupational Health, Tohoku University Graduate School of Medicine, Sendai, Japan)

PS318 Usefulness Of Cardiopulmonary Exercise Testing In Evaluating Unexplained Dyspnea
Ganesh Kalavansundaram
(Department of Respiratory & Critical care Medicine, Singapore General Hospital, Singapore)
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<th>PS319</th>
<th>The Research On Infrared Thermal Imaging Detecting Dvt Patients: Effectiveness And Accuracy</th>
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<td>Fangbo Deng (National Key Laboratory of Respiratory Disease, The First Affiliated Hospital of Guangzhou Medical University, Guangzhou, China)</td>
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<th>Five Cases With Out-Of-Proportion Group 3 Pulmonary Hypertension With Favorable Hemodynamic Response To Vasodilators</th>
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<td>Akane Kuroki (First Department of Medicine, Hokkaido University Hospital)</td>
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<th>Quantitative Measurement Of Cross-Sectional Area Of Small Pulmonary Vessels Using High-Resolution Ct In Chronic Thromboembolic Pulmonary Hypertension</th>
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<th>Pulmonary Hypertension In Hemodialysis End Stage Renal Disease Patients</th>
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<th>A Clinical Analysis Of 23 Deaths Case With Pulmonary Thromboembolism</th>
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<td>Jin Zhang (Department of respiratory medicine, General Hospital of NingXia Medical University, Yinchuan, Ningxia, China)</td>
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<td>Shinshiro Ito (Departments of Radiology, Kanagawa Cardiovascular and Respiratory Center, Kanagawa, Japan/Department of Radiology, Yokohama Rosai Hospital for Labor Welfare Corporation, Kanagawa, Japan)</td>
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<td>Koichiro Tatsuta (Department of Respirology, Graduate School of Medicine, Chiba University, Chiba, Japan)</td>
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<th>Unevenness Of Perfusion In The Regional And Temporal Lung Determines Changes In Mean Pulmonary Arterial Pressure</th>
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<td>Kyongyob Min (Respiratory Division of Internal Medicine, Itami City Hospital, Japan)</td>
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<th>A Dna Microsatellite Association Study And Association Of Timp3 Gene Polymorphism In Japanese Patients With High Altitude Pulmonary Edema</th>
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<td>Nobumitsu Kobayashi (First Department of Internal Medicine, Shinshu University School of Medicine, Matsumoto, Nagano, Japan/Department of Legal Medicine, Shinshu University School of Medicine, Matsumoto, Nagano, Japan)</td>
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<tr>
<td>Joann Kathleen B. Ginete (Department of Internal Medicine, Section of Pulmonary Medicine, Philippine General Hospital, Manila, Philippines)</td>
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<th>Tiotropium Decreases The Risk Of Exacerbations In Patients With Symptomatic Asthma Regardless Of Baseline Characteristics</th>
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<td>Soichiros Hozawa (Hiroshima Allergy &amp; Respiratory Clinic, Hiroshima, Japan)</td>
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<th>Elevated Tryptase Level In Bronchoalveolar Lavage Fluid From Patients With Chronic Eosinophilic Pneumonia</th>
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<td>Mitsuko Kondo (The First Department of Medicine, Tokyo Women’s Medical University, Tokyo, Japan)</td>
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<th>Decreases In Regulatory T Cells And Increases In Activated B Cells Fractions In Patients With Active Eosinophilic Granulomatosis And Polyangiitis</th>
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<td>Naomi Tsunkisawa (Departments of Allergy and Respirology and the Clinical Research Center for Allergy and Rheumatology, National Hospital Organization, Sagaamhara National Hospital)</td>
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</table>
Clinical Features Of Adult Patients With Pneumocystis Pneumonia During The Treatment For Rheumatoid Arthritis In Our Hospitals
Yoshinao Asohina (Department of Respiratory Medicine, Iwata city hospital, Iwata, Japan)

Effects Of Rapamycin On Pulmonary Vascular Remodeling Of Allergic Vasculitis In Murine Model
Rumi Komori (Division of Pulmonary Medicine, Allergy and Rheumatology, Department of Internal Medicine, Iwate Medical University School of Medicine, Morioka, Japan)

Identification Of A Mechanism For Lung Inflammation Caused By Mycoplasma Pneumoniae Using A Novel Mouse Model
Takeshi Saraya (Department of Respiratory Medicine, Kyorin University School of Medicine)

Predictors Of Phase III Slope Of Nitrogen Single-Breath Washout In Copd
Masashi Miikami (Department of Respiratory Medicine, Shizuoka General Hospital, Shizuoka, Japan / Second Department of Internal Medicine, Hamamatsu University School of Medicine, Hamamatsu, Japan)

Inductor Of Arteriosclerosis In Patients With Copd
Akinori Ebihara (Pulmonary Medicine, Tokai University Tokyo Hospital)

Regional And Seasonal Characteristics Of Copd Exacerbations At One University Hospital In Incheon
Ji Young Shin (Department of Internal Medicine, Gachon University Gil Medical Center of Incheon, Republic of Korea)

Relation Between Serum Ldh And Exercise Capacity In Copd Patients
Jeong-Woong Park (Department of Pulmonary and Critical Care Medicine, Gachon University Gil Medical Center, 1198 Guweol Dong, Nam dong-Gu, Incheon, Republic of Korea)

The Relationships Between Tracheal Index And Lung Volume Parameters In Mild-To-Moderate Copd
Hye Yun Park (The Department of Radiology, Pusan National University Hospital, Pusan, South Korea)

Demographic And Clinical Characteristics Of Patients With Copd Exacerbation In South Korea
Ki-Suck Jung (Hallym University Sacred Heart Hospital, Korea)

Evaluation Of Respiratory Reactance After Inhalation Of Indacaterol In Copd Patients
Aiika Igarashi (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University School of Medicine)

Long-Term Effect Of Home-Visiting Nursing On Chronic Obstructive Pulmonary Disease (COPD)- 3-Year Follow-Up Survey Of Visiting Nursing Programs -
YutarO Oki (Kobe University Graduate School of Health Sciences, Kobe, Japan / Kobe City Hospital Organization Kobe City Medical Center West Hospital, Hyogo, Japan)

Additive Anti-Inflammatory Effect Of Roflumilast With Long Acting Beta-Agonist (LABA) In The Treatment Of Moderate To Severe Copd: A Meta-Analysis
Rachell Ann Siute (Department of Internal Medicine, St. Luke’s Medical Center, Quezon City, Philippines)
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<th>Changes Of Cathepsin B And Cystatin C Levels In Chronic Obstructive Pulmonary Disease</th>
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<td>Kok Khun Yong</td>
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<td>(Institute of Medicine, Chung Shan Medical University, Taichung, Taiwan)</td>
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<th>PS346</th>
<th>The Acceptability Of Tai Chi In Caucasian People With Copd</th>
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<td>Regina Wm Leung</td>
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<td></td>
<td>(Department of Physiotherapy, Concord Repatriation General Hospital, Sydney, Australia)</td>
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<thead>
<tr>
<th>PS347</th>
<th>Efficacy And Tolerability Of Budesonide/Formoterol Added To Ipratropium Plus Theophylline In Severe Chronic Obstructive Pulmonary Disease (Copd)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Chen Wang</td>
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<tr>
<td></td>
<td>(Beijing Hospital, Ministry of Health)</td>
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<thead>
<tr>
<th>PS348</th>
<th>Using A Novel Scoring System To Evaluate The Effectiveness Of Self-Care Education In Patients With Chronic Obstructive Pulmonary Disease (Copd)</th>
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<tbody>
<tr>
<td></td>
<td>Hin Cheung Tsang</td>
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<tr>
<td></td>
<td>(Physiotherapy Department, North District Hospital, Sheung Shui, Hong Kong)</td>
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<tr>
<th>PS349</th>
<th>Can Cat Score Be Applied In Our Old Chinese Copd Patients?</th>
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<tr>
<td></td>
<td>C H Chau</td>
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<tr>
<td></td>
<td>(Tuberculosis &amp; Chest Unit, Grantham Hospital, HK SAR, China)</td>
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<tr>
<th>PS350</th>
<th>The Relationship Between Copd Assessment Test (Cat) Score And Airflow Limitation In Japanese Patients Aged Over 40 With Smoking History</th>
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<tr>
<td></td>
<td>Daisuke Yoshimoto</td>
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<tr>
<td></td>
<td>(Medical Affairs Respiratory, GlaxosmithKline K.K.)</td>
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<tr>
<th>PS351</th>
<th>The Efficacy Of Combination With Indacaterol And Tiotropium Compared With Tiotropium Alone In The Patients With Very Severe Copd</th>
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<tbody>
<tr>
<td></td>
<td>Toshiyuki Katoh</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine and Allergy, Kariya Toyota General Hospital, Kariya, Japan)</td>
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<tr>
<th>PS352</th>
<th>Prevalence Of Asthma, Copd, And Copd With Variable Airflow Obstruction In A General Japanese Population: The Hisayama Study</th>
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<tbody>
<tr>
<td></td>
<td>Nanae Seki</td>
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<tr>
<td></td>
<td>(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)</td>
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<tr>
<th>PS353</th>
<th>Predictors Of Pulmonary Function Maintaining In Patients With Copd After Added Medical Therapy</th>
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<tbody>
<tr>
<td></td>
<td>Susumu Hirokawa</td>
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<td></td>
<td>(Department of Respiratory Medicine, Kumamoto University Hospital, Kumamoto, Japan)</td>
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<tr>
<th>PS354</th>
<th>The Cosmos-J (Copd Symptom Based Management And Optimize Treatment Strategy In Japan) Study Protocol</th>
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<tr>
<td></td>
<td>Tomoko Betsuyaku</td>
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<tr>
<td></td>
<td>(Division of Pulmonary Medicine, Dept of Medicine, Keio University, Tokyo, Japan)</td>
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<tr>
<th>PS355</th>
<th>Life Style And Participation Restrictions In Patients With Severe Chronic Obstructive Pulmonary Disease</th>
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<tbody>
<tr>
<td></td>
<td>Yoko Goto</td>
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<td></td>
<td>(Department of Occupational Therapy, School of Health Sciences, Sapporo Medical University, Sapporo, Japan)</td>
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<tr>
<th>PS356</th>
<th>Impact Of Airflow Limitation On Perioperative States Of Thoracic Surgery</th>
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<tbody>
<tr>
<td></td>
<td>Kaku Yoshimi</td>
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<tr>
<td></td>
<td>(Department of Respiratory Medicine, Juntendo University Graduate School of Medicine)</td>
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<tr>
<th>PS357</th>
<th>Circulating Neutrophils And Few./Fiv0.5 In Sever Copd</th>
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<tbody>
<tr>
<td></td>
<td>Naoko Kamada</td>
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<td></td>
<td>(Department of Treatment at Home, Aiba Shoten Incorporation, Akita, Japan)</td>
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<tr>
<th>PS358</th>
<th>Copd Assessment Test (Cat) Scores Reflect Exercise Intolerance, Desaturation On Exertion And Small Airway Obstruction In Copd Patients</th>
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<tbody>
<tr>
<td></td>
<td>Naoki Ijiri</td>
</tr>
<tr>
<td></td>
<td>(Department of Respiratory Medicine Graduated School of Medicine, Osaka City University, Osaka, Japan)</td>
</tr>
</tbody>
</table>
### PS359 Prevalence Of Chronic Obstructive Pulmonary Disease (COPD) In Outpatients With Cardiovascular Diseases In Japan
Katsuya Onishi (Onishi Heart Clinic, Mie, Japan)

### PS360 Efficacy Of Indacaterol Add-On Therapy In Patients With Stable COPD Treated With Tiotropium
Kazunobu Kuwabara (Department of Respiratory Medicine, Fujita Health University School of Medicine, Aichi, Japan)

### PS361 Mini Nutritional Assessment Short Form (MNA-SF) Can Predict Exacerbation In COPD Independently Of COPD Assessment Test (CAT)
Yoshitumi Yamamoto (The Second Department of Internal Medicine, Nara Medical University, Nara, Japan)

### PS362 Yearly Progression Of Low Lung Attenuation Area In Low Dose Chest CT For Asymptomatic Current Smokers
Seung Ho Choi (Department Of Internal Medicine, Seoul National University Hospital Gagang Center)

### PS363 Audit Of A Hospital At Home Service For Chronic Obstructive Pulmonary Disease
Pauline L.P. Chong (Department of Medicine, National University Hospital, Singapore)

### PS364 Frequency Of COPD In The Patients With Hearing Loss
Sefa Yildiz (Department of Pulmonary Medicine, Eskişehir Military Hospital, Eskişehir, Turkey)

### PS365 The Overlap Syndrome Of Asthma And Chronic Obstructive Pulmonary Disease: Its Prevalence And Clinical Characteristics
Jae Jung Shim (Department of Internal Medicine, Korea University College of Medicine, Seoul, Republic of Korea)

### PS366 Factors Associated With Malnutrition In Chronic Obstructive Pulmonary Disease: Anxiety And Depression
Ryuko Furutate (Respiratory Care Clinic, Nippon Medical School, Tokyo, Japan)

### PS367 Risk Factors Of COPD In Never-Smokers Vs. Ever-Smokers From Korean Nihans
Jung H Chang (Respiratory Center, Mokdong Hospital, Ewha Womans University, Seoul, Korea)

### PS368 Effect Of Eucalyptol, Limonene And Pinene Mixture (An’ Ningpai) On Airway Mucociliary Clearance Function In Rats Exposed To Cigarette Smoke
Na Yu (Institute of Respiratory Diseases, First Hospital of China Medical University, Shenyang, China)

### PS369 Mechanism Of An’ Ningpai And Eucalyptol On Airway Inflammation And Mucous Hypersecretion In Rats Exposed To Cigarette Smoke
Na Yu (Institute of Respiratory Diseases, First Hospital of China Medical University, Shenyang, China)

### PS370 Factors Predicting Lung Hyperinflation Of Patient With Chronic Obstructive Pulmonary Disease A Cohort Study For Six Month
Muhammad Ali Khan (Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)

### PS371 Measurement Of Lung Diffusing Capacity For Carbon Monoxide With Single Breath Method (Dlco-Sb) In COPD Patients In Persahabatan Hospital Jakarta
Erijadi Ismail (Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia)
PS372  Analysis Of Bone Quality In Rats With Emphysema By FTIR Imaging And Raman Spectroscopy
Koichi Tomoda (Second Department of Internal Medicine, Nara Medical University, Nara, Japan)

PS373  Estimation Of The Site Of Wheezes In Pulmonary Emphysema: Airflow Simulation Study By The Use Of A 4D Lung Model
Hinako Kitao (Division of Engineering Technology, JSOL Corporation, Nagoya, Japan)

PS374  Interleukin-17 Plays A Role In Pulmonary Inflammation Induced By Cigarette Smoke Exposure In Mice
Masuo Nakamura (Departments of Respiratory Medicine, Kyorin University School of Medicine, Mitaka, Tokyo, Japan)

PS375  Association Of Tumor Necrosis Factor Alpha & Lymphotoxin Alpha Gene Polymorphisms With The Presence Of Chronic Obstructive Pulmonary Disease
Anna P. Tarigan (Pulmonology Department, University of North Sumatera, Medan, Indonesia)

PS376  Cigarette Smoke Impairs Alveolar Macrophage Phagocytosis For Apoptotic Neutrophils Via Inhibition Of Histone Deacetylase/Rac/Cd9 Pathways
Nisatika Noda (Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

PS377  Elastase Induces Emphysema Via The Receptor For Advanced Glycation End Products Triggering Of Airway Structural Cells
Koichi Waseda (Department of Hematology, Oncology, Allergy and Respiratory Medicine, Okayama University Hospital, Okayama, Japan; Department of General Medicine, Okayama University Hospital, Okayama, Japan)

PS378  Obesity Hypoventilation Syndrome In Japan And Independent Determinants Of Arterial Carbon Dioxide Levels
Yuka Harada (Department of Respiratory Care and Sleep Control Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan; Department of Respiratory Medicine, Kansai Electric Power Hospital, Osaka, Japan)

PS379  The Dose-Response Relationship Between Cpap Adherence And The Daily Performance In Subjects With Osa
Agnes Yk Lui (Department of Medicine, The University of Hong Kong, Hong Kong)

PS380  Prevalence Of Diabetes And Impaired Glucose Tolerance In Patients With Sleep Apnea Syndrome
Akira Umeda (Department of Internal Medicine, International University of Health and Welfare Shiyoa Hospital)

PS381  Sleep Assessment Of Copd Patients By Actigraphy And Type 3 Portable Monitoring: A Population-Based Study Of Male Employees In Japan
Masanori Azuma (Graduate School of Medicine, Kyoto University, Kyoto, Japan)

PS382  Long-Term Effects Of Nasal Continuous Positive Airway Pressure (Cpap) On Pulmonary Functions In Patients With Obstructive Sleep Apnea Patients (Osas)
Naoki Okamoto (Department of Respiratory Medicine, Nihon University School of Medicine)

PS383  Systemic Inflammatory Patterns In Patients With Overlap Syndrome (Oas And Copd)
Wei-Chang Huang (Chest Division, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan)

PS384  Dissociative Identity Disorder And Central Hypersomnia: Co-Morbid Diagnoses, Or The Same Phenomena At Different Ends Of A Spectrum?
Karmen Kokkino (The Royal Adelaide Hospital, Adelaide, South Australia, Australia)
**P2−E3** Respiratory Neurobiology and Sleep 2

Chairing: Mary Sau-Man Ip (Immediate Past-President of APSR, The University of Hong Kong, Hong Kong)
Hideaki Nakayama (Tokyo Medical University, Japan)

PS385 Improvements In Patient’S Mood With Different Treatments In Obstructive Sleep Apnea
En-Ting Chang (Chest department, Buddhist Tsu Chi General Hospital, Hualien, Taiwan)

PS386 Intermittent Hypoxic Exposure Enhances The Release Of Von Willebrand Factor From Human Umbilical Vein Endothelial Cells
Noriro Koyama (Second Department of Internal Medicine, Nara Medical University, Kashihara, Nara, Japan)

PS387 The Associations Among Anthropometric Indexes, Metabolic Syndrome And Obstructive Sleep Apnea In A Korean Population
Hwa Sik Moon (The Department of Internal Medicine, College of Medicine, The Catholic University of Korea, Seoul, Korea)

PS388 Enhancing Long-Term Continuous Positive Airway Pressure (Cpap) Compliance With A Specialist Nurse Clinic Maggie Pk Kee Lit (Department of Medicine, Queen Elizabeth Hospital, Hong Kong, PRC)

PS389 Novel Hypothesis: Panic Disorder Could Be A Lung Disease
Katsuhiro Fukuda (Soka-shinbyoukaika, Soka City, Japan)

PS390 Chronic Intermittent Hypoxia/Reoxygenation Facilitate Amyloid-Beta Generation In Mice
Hidenori Takekawa (Department of Respiratory Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan)

PS391 The Potential Role And Mechanism Of17Beta-Estradiol On Ih Induced Endothelial Cell Injury
Hus Jun Xu (Department of Respiratory Medicine, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China)

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**P2−E4** Critical Care Medicine 1

Chairing: Luigi Camporta
(Guy’s and St Thomas’ NHS Foundation Trust, U.K.)
Masashi Bando
(Jichi Medical University Hospital, Japan)

PS392 Management Of Respiratory Failure In Severe Neurotropic Snake Bite, Experience Of An Indian Tertiary Care Hospital
Arjun Khanna (Department of Pulmonary and Critical Care Medicine, Safdarjung Hospital, New Delhi, India)

PS393 Critical Illness Polynuromyopathy Presenting As Bulbar Palsy: A Case Report
Hazel S. Delfin (Philippine General Hospital, Manila, Philippines)

PS394 Characteristics Of Pneumothorax Patients Incpto Mangunkusumo National Center General Hospital
Dipdo P. Widijaya (Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS395 Survival Of Pneumothorax Patients Incpto Mangunkusumo General Hospital National Center
Dipdo P. Widijaya (Department of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS396 The Value Of Peripheral Oxygen Saturation As A Prognostic Tool For Critically Ill Medical Emergency Patients Zulkiil Amin (Division of Respirology and Critical Care, Departement of Internal Medicine, Universitas Indonesia, Jakarta, Indonesia)

PS397 The Impact Of Nationwide Education Program In Sepsis Care And Mortality Of Severe Sepsis: A Population-Based Study In Taiwan
Cheng Yu Chang (Division of Chest Medicine, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan)
PS398  Use Of Salmeterol/Fluticasone In Prolonged Mechanical Ventilation Patients Concomitant With Potentially Under-Diagnosed Chronic Obstructive Pulmonary Disease
Ching-Yi Lee
(Taichung Veterans General Hospital, Taichung, Taiwan/Cheng-Ching Hospital, Taichung, Taiwan)

PS399  Clinical Characteristics Of Patients With Acute Respiratory Distress Syndrome Associated With Scrub Typhus
Jeong Ho Mick
(Department of Internal Medicine, Pusan National University Hospital, Busan, Korea)

PS400  Small-Bore Catheter Is Safe And Effective For Management Of Pleural Effusion In The Intensive Care Unit
Ji-Ho Lee
(Department of Internal Medicine, Yonsei University Wonju College of Medicine, Wonju, Republic of Korea/The Armed Forces Chuncheon Hospital)

PS401  Prospective Correlation Of Arterial Vs Venous Blood Gas Analysis In Metabolic Acidosis With Chronic Kidney Disease Patients
Hyon Lee Kim
(International Medical, Chosun University Hospital, Gwangju, Republic of Korea)

PS402  A Review Of Patients Treated With Protocolised Non-Invasive Ventilation For Acute Respiratory Failure
Constance W S Teo
(Department of Respiratory and Critical Care Medicine, Singapore General Hospital, Singapore)

PS403  Antibiotic Exposure And Evolution Of Antibiotic Resistance In Prolonged Mechanically Ventilated Patients
Chun Hui
(Department of Chest Medicine, Cheng-Ching General Hospital, Taichung, Taiwan)

PS404  Rapid Bradycardia After Non-Invasive Ventilator Removal
Shang-Hsiung Yang
(Division of Pulmonary and Critical Care Medicine, Mackay Memorial Hospital, Taipei, Taiwan)

PS405  Non-Invasive Mechanical Ventilation (Nimv) At Ust Hospital A Cross Sectional Descriptive Study
Irene Salve D. Jason-Vergara
(Center for Respiratory Medicine, University of Santo Tomas Hospital, Manila, Philippines)

POSTER SESSION
WEDNESDAY - NOVEMBER 13 14:00-15:30
The Conference Center, Pacifico Yokohama Room E

P2–E5  Critical Care Medicine 2

Chairing: Chen Yu Chang
(Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan)
Shin-ichi Hayashi
(Nihon University School of Medicine, Japan)

PS406  Epithelial Injury On Histologic Finding Of Cellular Non-Specific Interstitial Pneumonia
Norikazu Mat suo
(Department of Respiratory Medicine, Kanagawa Cardiovascular and Respiratory Center)

PS407  Ten Cases Of Idiopathic Upper Lobe Fibrosis; Clinical And Pathological Characteristics
Ikkoh Yasuda
(Department of Respiratory Medicine, Tenri Hospital)

PS408  Significance Of Serum Surfactant Protein D For Combined Pulmonary Fibrosis With Emphysema In Idiopathic Pulmonary Fibrosis
Keiko Yoko o
(Department of Respiratory Medicine and Allergology, Sapporo Medical University School of Medicine, Sapporo, Japan)

PS409  Hcmv Infection Triggers Development Of Interstitial Lung Diseases In Autoimmune Disorders
Wei Wang
(State Key Laboratory of Respiratory Diseases, The first affiliated Hospital of Guangzhou Medical University, Guangzhou Medical University, Guangzhou, P.R., China.)

P2–F1  Interstitial Lung Disease 3

Chairing: Hang Siang Wong
(Changi General Hospital, Singapore)
Hiroki Takahashi
(Sapporo Medical University, School of Medicine, Japan)

PS406  Epithelial Injury On Histologic Finding Of Cellular Non-Specific Interstitial Pneumonia
Norikazu Mat suo
(Department of Respiratory Medicine, Kanagawa Cardiovascular and Respiratory Center)

PS407  Ten Cases Of Idiopathic Upper Lobe Fibrosis; Clinical And Pathological Characteristics
Ikkoh Yasuda
(Department of Respiratory Medicine, Tenri Hospital)

PS408  Significance Of Serum Surfactant Protein D For Combined Pulmonary Fibrosis With Emphysema In Idiopathic Pulmonary Fibrosis
Keiko Yoko o
(Department of Respiratory Medicine and Allergology, Sapporo Medical University School of Medicine, Sapporo, Japan)

PS409  Hcmv Infection Triggers Development Of Interstitial Lung Diseases In Autoimmune Disorders
Wei Wang
(State Key Laboratory of Respiratory Diseases, The first affiliated Hospital of Guangzhou Medical University, Guangzhou Medical University, Guangzhou, P.R., China.)
**PS410** Serum Heme Oxygenase-1 As The New Biomarkers For Acute Exacerbation Of Interstitial Pneumonia Patients
Yu Hara
(Respiratory Disease Center, Yokohama City University Medical Center/Division of Infectious Diseases and Pulmonary Medicine, Department of Internal Medicine, National Defense Medical College)

**PS411** Prognostic Factors And Cause Of Death In Japanese Patients With Idiopathic Pulmonary Fibrosis
Hiromi Chiba
(Department of Respiratory Medicine and Allergology, Sapporo Medical University School of Medicine, Sapporo, Japan)

**PS412** Clinical Features Of Sjögren’s Syndrome Complicated With Anti-Aminoacyl-TRNA Antibodies Syndrome
Yoshiko Mizushima
(Division of Pulmonary Medicine, Department of Medicine, Jichi Medical University, Tochigi, Japan)

**PS413** Angiopoietin-2 Expression In Patients With Acute Exacerbation Of Idiopathic Interstitial Pneumonias
Masaru Ando
(Department of Respiratory Medicine and Infectious Diseases, Oita University Faculty of Medicine)

**PS414** Clinical Characteristics In Patients With Interstitial Pneumonia With More Than 10 Years Of Follow-Up
Takashi Harada
(Department of Respiratory Medicine, Fukuoka University Hospital)

**PS415** The Role Of Bax In Lung Fibrosis
Kunihiro Suzuki
(Research Institute for Diseases of the Chest, Graduate school of Medical Sciences, Kyushu University)

**PS416** Depletion Of Clara Cells Attenuates Lung Injury And Fibrosis Induced By Bleomycin In Mice
Tetsuya Yokoyama
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

**PS417** Increased Of Receptor Type Tyrosine Kinase Ros1 In Interstitial Lung Disease
Kosuke Hamai
(The Department of Molecular and Internal Medicine, Institute of Biomedical & Health Science, Hiroshima University, Hiroshima, Japan)

**PS418** Familial Interstitial Lung Disease In A Family With Familial Juvenile Idiopathic Arthritis:Close Family Ties
Choro N. Francisco
(Section of pediatric pulmonology, Philippine Heart Center)

**PS419** Amphiregulin Attenuates Lipopolysaccharide-Induced Acute Lung Injury In Mice
Saiko Ogata
(Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

**PS420** Measurement Of Inflammatory Cytokines By Multicytokine Assay In Patients With Autoimmune Pulmonary Alveolar Proteinosis
Akiko Matsumura
(National Hospital Organization Kinki Chuo-Chest Medical Center, Osaka, Japan)

**PS421** Proteomics Analysis Of BALF In Rheumatoid Arthritis Associated Interstitial Lung Disease With Usual Interstitial Pneumonia Pattern
Kozo Suhara
(Department of Respiratory Medicine, Tokyo Medical and Dental University)

**PS422** Fibrocyte Regulates Lung Fibroblast Activation Via Producing Growth Factors
Yoshinori Aono
(Department of Respiratory Medicine and Rheumatology, Institute of Health Biosciences, The University of Tokushima Graduate School / Higashi Tokushima Medical Center)

**PS423** The Calpain Inhibitor Calpeptin Prevents Bleomycin-Induced Pulmonary Fibrosis In Mice
Chiharu Takeda
(Division of Respiratory Medicine, Department of Internal Medicine, Kogakuin University Hospital)
PS424  Leukotriene C4 Aggravates Bleomycin-Induced Pulmonary Fibrosis in Mice
Hirokuni Hinsta
(Department of Pulmonary Medicine and Clinical Immunology, Dokkyo Medical University)