

# APSR 2017

CONGRESS OF ASIAN PACIFIC  
SOCIETY OF RESPIROLOGY  
INTERNATIONAL CONVENTION  
CENTRE, SYDNEY, AUSTRALIA

**22<sup>nd</sup> Congress of Asian Pacific Society of Respiriology  
23-26 November 2017, Sydney, Australia**

# PROGRAM BOOK

HOSTED BY



**The Thoracic Society  
of Australia & New Zealand**  
LEADERS IN LUNG HEALTH

IN PARTNERSHIP WITH



[www.apsr2017.com](http://www.apsr2017.com)

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# WELCOME MESSAGE FROM THE CONGRESS PRESIDENTS

Dear Colleagues and Friends

It is a great pleasure to welcome you all to Sydney for the 22nd Congress of the **Asia Pacific Society of Respirology**.

We meet at the newly renovated Sydney Convention Centre in the historical Darling Harbour precinct. The traditional, indigenous custodians of this land are the Cadigal people of the Eora nation who called the area Gomona. We have chosen the theme of Lung Health in a Changing World as there is much to reflect on how the Cadigal people tended the land and cared for each other for thousands of years and how the changing world after European settlement from 1788 affected them.

The increasing speed of transport and interconnectedness of communities has created, and will create, emerging respiratory infectious diseases – just as the Cadigal people were greatly impacted by smallpox as soon as 1789. Extreme air pollution makes some of Asian cities essentially unsafe, just as traditional clean water sources were soon polluted in the 1790's forcing the Cadigal to adapt and re-centre their lives around clean springs in the sandstone cliffs of Pymont behind the convention centre.

In our region, respiratory health suffers in those who are internally displaced or in refugees, while smoking remains a cause of morbidity and mortality. We should be inspired by the determination and resilience of the Cadigal people, and all indigenous Australians, as they have faced the same challenges for over 200 years. Adaptation is essential for survival to be possible.

This country and our region are changing and dramatically influencing lung health. We face risk and are presented with opportunity. We hope that you return home with knowledge and new experiences that will guide you as you meet these challenges.

We warmly welcome you to Sydney.



A handwritten signature in blue ink that reads "Jane Bourke".

**Dr Jane Bourke**

President, 22nd Congress of APSR 2017



A handwritten signature in blue ink that reads "Matt Peters".

**Prof Matthew Peters**

President, 22nd Congress of APSR 2017



# WELCOME MESSAGE FROM THE PRESIDENT OF THORACIC SOCIETY OF AUSTRALIA & NEW ZEALAND

Dear Colleagues and Friends

It gives me great pleasure to welcome you all to the 22nd Congress of the **Asian Pacific Society of Respiriology** to be held in Sydney Australia on the 23rd – 26th November 2017. Sydney of course is the jewel in the crown of Australian cities, sitting on one of the most beautiful deep water harbours in the world, enriched with a vital multicultural society surrounded by great natural beauty which will enhance the visual and travel experience of all of those who will venture here for this wonderful meeting. The Local Congress Committee (LCC) has worked strongly with the APSR scientific assemblies to craft a most interesting and educational program with features that will appeal to all those who attend. There are a number of cutting edge scientific sessions with world renowned international speakers combined with local experts.



In addition to this wonderful educational experience, an exciting social and cultural program has been developed by our LCC. I am certain that all who attend will be enthralled. This is an ideal time to meet with colleagues to share scientific discoveries, explore new pathways, develop better networks and maximise the Asian Pacific workforce strategies towards resolving local and global issues in the broad field of respirology. The TSANZ is honoured to partner with APSR in this grand venture and looks forward to an ongoing strong relationship on all levels of engagement. May I personally encourage you all to partake in the many attractions in and around Sydney as well as enjoying the fellowship of this wonderful society.

With best regards,

*Allan R Glanville*

**Prof. Allan R Glanville**

President Thoracic Society of Australia and New Zealand



# WELCOME MESSAGE FROM THE APSR PRESIDENT



Dear Friends and Colleagues

It is a great honour to welcome you all to the 2017 Congress of the Asian Pacific Society of Respirology, in my home country and in the magnificent city of Sydney.

Our Congresses are unique in where they are held, reflecting the wonderful countries and cultures that make up our fast growing and dynamic region. As our region develops and matures, every Congress brings together wonderful science, education and fellowship to enable us to learn from each other and improve lung health for our communities.

Last year during a very sad period of mourning for our hosts, members of the Thoracic Society of Thailand under Royal Patronage kindly hosted a most remarkable Congress which is imprinted in our minds even as we shared in their sorrow.

This year promises to be yet another superb Congress, not only because of its unique location in Sydney, but because of the amazing work the local Thoracic Society of Australia and New Zealand team have undertaken to ensure the highest quality scientific and educational programs, including plenary lectures, major symposia, workshops and other events from local, regional and global teachers and researchers. It is also very fitting that Sydney was home to Professor Ann Woolcock who stands out as a giant in the history of respiratory science and also as a key force behind the concept and evolution of the APSR.

This is also a special year, being the first year that we around the globe celebrate World Lung Day on September 25 ( <https://www.firsnet.org/2014-05-12-09-10-22/wld>) and the Charter for Lung Health ( <https://www.change.org/p/the-director-general-of-the-world-health-organization-sign-the-charter-for-lung-health>) Please join us in this effort.

On behalf of the APSR, we hope that you enjoy this opportunity to improve and share your knowledge and skills in the Congress, to contribute to our individual efforts to improve global lung health, and also enjoy the vibrancy, beauty and hospitality of Sydney and Australia.

Yours sincerely

A handwritten signature in black ink, appearing to read 'K Fong'.

**Prof. Kwun Fong**  
President of the APSR



# ABOUT THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY

## WHAT WE DO

The Asian Pacific Society of Respiriology was established in 1986. The objectives of the Society are the advancement and promotion of knowledge of the respiratory system in health and disease. It strives to encourage research, improve clinical practice through increase awareness of health problems in the area and promote the exchange of knowledge among respirologists in the Asia-Pacific region.

The specific aims of the Society are:

- Promoting and coordinating activities in the field of respiratory medicine
- Fostering research activities in the field of respiratory medicine
- Organizing and coordinating regular congresses and occasional meetings
- Producing regular publications, including a Newsletter, the APSR Respiratory Updates and Respiriology, a journal of international repute

## APSR COMMITTEES

### EXECUTIVE COMMITTEE

Kwun Fong (Chairperson)  
Philip Bardin  
J Patrick Barron  
Jane Bourke  
Masahito Ebina  
Philip Eng  
Yoshinosuke Fukuchi  
Shu Hashimoto  
Mary Sau-Man Ip  
Young Whan Kim  
David C L Lam  
Roslina Manap  
Michiaki Mishima  
Yoichi Nakanishi  
Matthew Peters  
Paul Reynolds  
Wan-Cheng Tan  
Chong-Jen Yu  
Faisal Yunus

### EXECUTIVE MEMBERS REPRESENTING THE COUNCIL MEMBERS

Shu Hashimoto (Japan)  
Mary Sau-Man Ip (Hong-Kong)  
Paul Reynolds (Australia)  
Faisal Yunus (Indonesia)

### CHAIRPERSONS OF THE PERMANENT COMMITTEES

Kwun Fong	Steering Committee
Mary Sau-Man Ip	Strategic Planning Committee
Chunxue Bai	Research Committee
David C L Lam	Education Committee
Yoshinosuke Fukuchi	Nomination Committee
Yoichi Nakanishi	Finance Committee
Faisal Yunus	Membership Committee
Philip Eng	Central Congress Committee



## CENTRAL CONGRESS COMMITTEE

Philip Eng	Chairperson
Kwun Fong	President
Michiaki Mishima	Immediate Past President
Roslina Manap	Secretary General
Yoichi Nakanishi	Treasurer
Chunxue Bai	Chairperson of the Research Committee
David C L Lam	Chairperson of the Education Committee
Philip Bardin	Joint representative of the Editorial Office
Paul Reynolds	Joint representative of the Editorial Office
Jane Bourke	Joint President of the Congress
Matthew Peters	Joint President of the Congress
Sumalee Kiaboonsri	President of the previous Congress

## HEADS OF ASSEMBLIES

Kittipong Maneechotesuwan	Asthma
Pyng Lee	Bronchoscopy and Interventional Techniques
Yasuhiro Yamauchi	Cell and Molecular Biology
Diahn-Warng Perng	COPD
Shu Hashimoto	Clinical Allergy & Immunology
Philip Eng	Clinical Respiratory Medicine
Rodolfo Roman T Bigornia	Critical Care Medicine
Soon-Hee Jung	Environmental & Occupational Health and Epidemiology
Masahito Ebina	Interstitial Lung Disease
Chong King Liam	Lung Cancer
Albert Li	Pediatric Lung Disease
Hiroshi Kimura	Pulmonary Circulation
Ki-Suck Jung	Respiratory Infections (non-tuberculosis)
Kazuo Chin	Respiratory Neurobiology and Sleep
Yasutaka Nakano	Respiratory Structure and Function
Charles Yu	Tuberculosis



## APSR 2017 LOCAL ORGANISING COMMITTEES

### CONGRESS PRESIDENTS

Jane Bourke

Matthew Peters

### LOCAL ORGANISING COMMITTEE

Tanya Buchanan

Vanessa McDonald

Shen Kasayan

Brian Oliver

Theodora Ahilas

Jodie Simpson

Richard Beasley

Andrew Tai

Norbert Berend

Peter Wark

Peter Gibson

Richard Wood Baker

### TSANZ SPECIAL INTEREST GROUP LEADERS

### SOCIAL COMMITTEE

Alicia Mitchell

Tajalli Saghaie

### WORKSHOP COMMITTEE

David Fielding

Angela Burge

Nitin Kapur

Paul Reynolds

Steven Maltby

RACP Team





# GENERAL INFORMATION

The following information is offered to make your attendance at the Congress as pleasant and as trouble-free as possible. If you require help, please call in at the Registration & Information Desk and we will do everything we can to assist you.

## VENUE

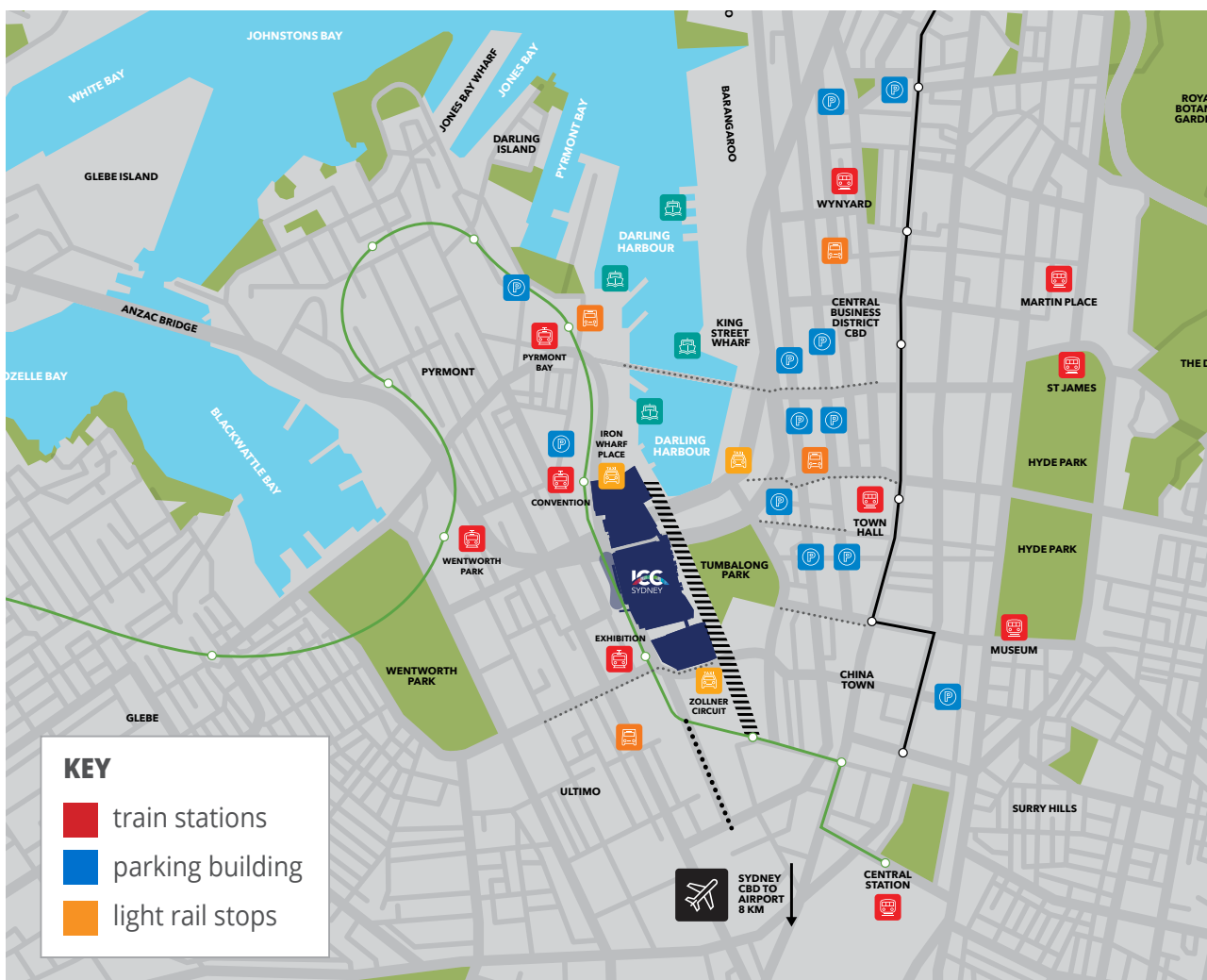
International Convention Centre Sydney

14 Darling Drive

Sydney, NSW 2009, Australia

<http://www.iccsydney.com.au/>

Tel: +61 2 9215 7100



## REGISTRATION DESK HOURS

The Registration Desk will be located on the ground floor of the ICC Sydney at the base of the escalators to the Darling Harbour Theatre. The opening times are:

<b>Thursday 23 November</b>	07:30-19:00
<b>Friday 24 November</b>	06:30-18:00
<b>Saturday 25 November</b>	06:30-15:00
<b>Sunday 26 November</b>	06:30-16:00

## EXHIBITION HOURS

The exhibition is located in the Exhibition Hall and will be open as follows:

<b>Thursday 23 November</b>	18:30-20:30
<b>Friday 24 November</b>	08:00-16:30
<b>Saturday 25 November</b>	08:00-15:30
<b>Sunday 26 November</b>	08:00-14:30

## NAME BADGE

Your name badge is required for entry into all Congress sessions, and the exhibition area. If you misplace your name badge, please approach the registration desk to obtain a replacement.

## PRE-CONGRESS WORKSHOPS

There are nine pre-Congress workshops taking place on Thursday 23 November. Please see the scientific program for details.

## OPENING CEREMONY AND WELCOME RECEPTION

Registered participants are invited to attend the Opening Ceremony on Thursday 23 November at 15:45 in the Darling Harbour Theatre. The Opening Ceremony will be followed by an Opening Symposium and a Welcome Reception in the Exhibition Hall at 18:30.

## GALA DINNER

The Gala Dinner will take place on Saturday 25 November at 19:00 in the Grand Ballroom, International Convention Centre Sydney. Tickets cost AU\$120.00, subject to availability.

Theme: Maritime; Captain's table

Dress code: National costume or understated elegance



## REFRESHMENTS AND LUNCH PROVIDED

All catering breaks on 23 November will be for workshop registrants only and distributed in the E3 Foyer. Morning tea, lunch and afternoon tea on 24-26 November will be distributed in the Exhibition Hall.

## CAR PARKING

ICC Sydney operates two 24 hour car parking stations with a total of 826 parking spaces including 11 disabled parking bays, 25 motorcycle parking spaces, 50 bicycle racks and 20 electric car charge spaces. The Exhibition Centre carpark is open 24 hours, Monday to Sunday.

**Address:** 14 Darling Drive, Sydney NSW2000

### Rates are as follows:

0-1 hour	\$18.00
1-2 hours	\$30.00
2-3 hours	\$38.00
3-4 hours	\$44.00
4+ hours	\$49.00
Night rate	\$28.00 (entry after 5pm and exit before 4am)

## CERTIFICATE OF ATTENDANCE

Please note that the certificate of attendance will not be printed onsite. Certificates of Attendance will be sent by email to all attendees electronically after the Congress.

## CONGRESS ABSTRACTS

APSR 2017 Congress abstracts are published in the online journal *Respirology*, the official journal of the Asian Pacific Society of Respirology.

## DUPLICATION, RECORDING

Photography, audio taping, video recording, digital taping or any other form of duplication is strictly prohibited in the meeting rooms.

## GOODS AND SERVICES TAX (GST)

Good and Services in Australia are subject to a 10% tax (GST). This tax is usually included in the price and if not, is clearly stated.



## APSR 2017 APP

Search for APSR2017 to install the APSR 2017 interactive mobile App to your smartphone and portable device to access all the Congress information you could need during the Congress. See the overview of sessions, speakers and exhibitors. Create your own programme for the event, including bookmarking the sessions you wish to attend. Download the APSR 2017 App now to enhance your congress experience!

## LIABILITY AND INSURANCE

The Congress Secretariat and Organisers cannot accept liability for personal accidents or loss of or damage to private property of participants and accompanying persons. Participants are advised to take out their own personal travel and health insurance for their trip.

## WI-FI

The International Convention Centre Sydney offers complimentary Wi-Fi designed for general web browsing and checking web-based email only. To access the wireless internet connect to the network, open an internet browser which will direct you to the portal page. Then select the Free Wi-Fi option, after agreeing to the terms and conditions click submit.

## CONGRESS MANAGERS



### Postal Address

PO Box 90-040, Auckland 1142, New Zealand

### Street Address

31C Normanby Rd, Mt Eden, Auckland 1024, New Zealand

**Australian Freephone:** 1800 193 405

**Telephone (NZ):** + 64 9 360 1240

**Email:** [apsr@tcc.co.nz](mailto:apsr@tcc.co.nz)

## IMPORTANT!

The program is correct at time of printing. Any changes will be captured in the Congress app and announced on-site.



# INFORMATION FOR ORAL PRESENTERS

## SPEAKERS' SLIDE UPLOAD

Invited speakers and abstract oral presenters are requested to upload PowerPoint slide presentations at the Speakers' Preparation Room at least 3 hours prior to your session. There will be a technician available to assist you.

Power point slide format should be 16:9

## SPEAKERS' PREPARATION ROOM HOURS

<b>Friday 24 November</b>	07:30-16:30
<b>Saturday 25 November</b>	08:00-15:00
<b>Sunday 26 November</b>	07:30-14:30

## LENGTH OF PRESENTATION

Speakers have been advised of the length of their presentation. Allocated times include time for question and answers, so please ensure you allow for this.

## AT THE SESSION

- **Please check the final program to confirm the date, time, room and order of your presentation.**
- Assemble in your session room at least **10 minutes before** the beginning of the session and introduce yourself to the chairperson(s).
- Ensure that you sit near the front of the room with easy access to the lectern.
- Ensure that you keep to the time allocated to you, as it will cause disruption to sessions if you run over your allotted time.
- If there are any changes or corrections required to the presentation details, please let the Technician know as soon as possible.



# POSTER OVERVIEW

Posters are displayed in the Exhibition Hall as per the poster board numbers indicated in the Program Book.

Poster session chairs will visit each poster during the session and selected posters will be discussed.

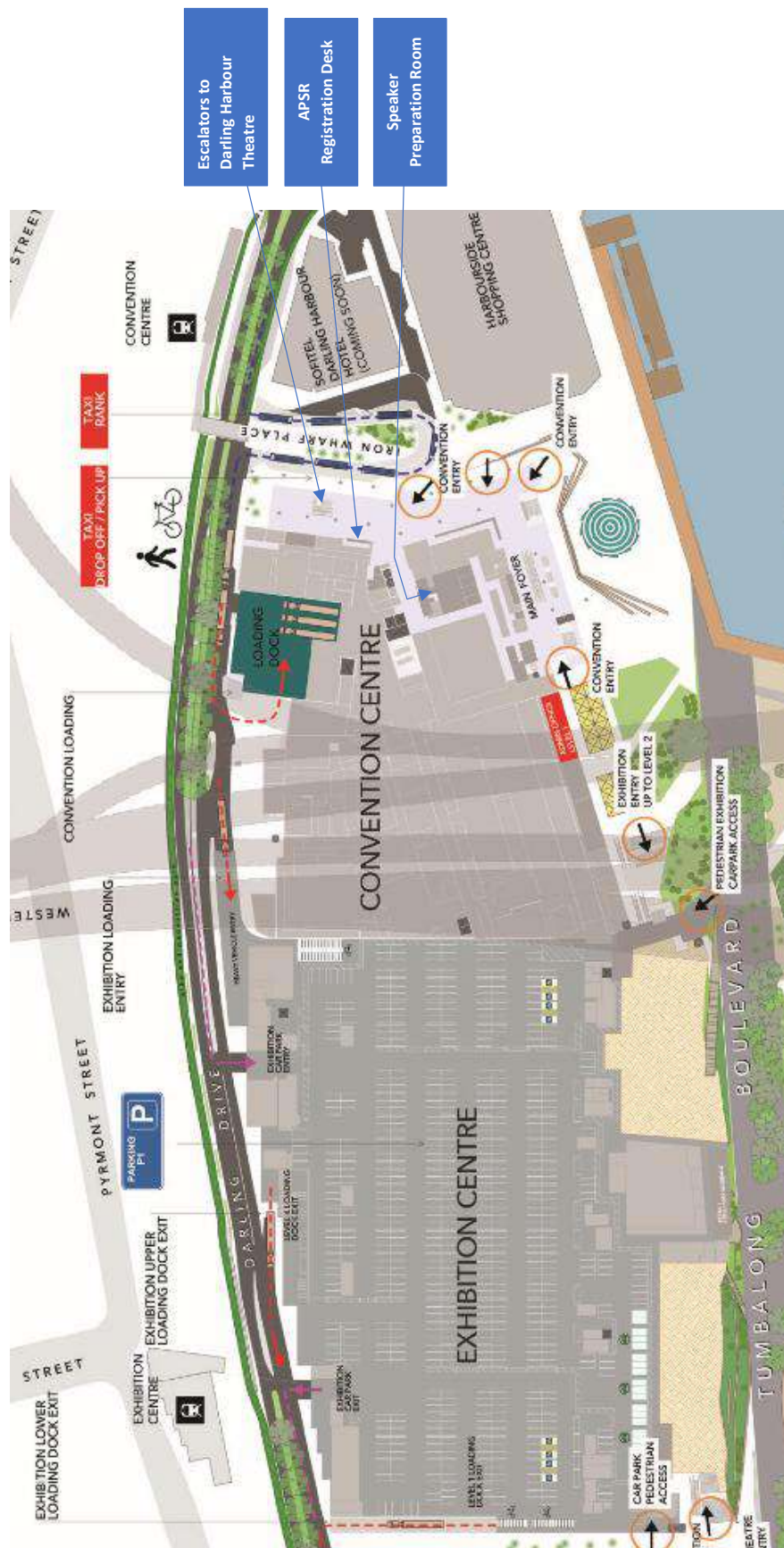
Posters should be set-up by 9:00 and taken down by 16:00 on the day the poster is presented. Please hang your poster as early as possible so that delegates are able to view your poster prior to the poster session. The organizers are not responsible for any posters that have not been removed by 16:00 the day of presentation.

Friday, 24th November	
Poster Session 1 1415-1545	Boards
Asthma 1 Clinical Allergy & Immunology COPD 1 Lung Cancer 1 Critical Care Medicine Tuberculosis 1 Pulmonary Circulation Respiratory Neurobiology & Sleep	AP001 - AP028, APL001 AP029 - AP033 AP034 - AP058A; APL002 AP059 - AP085; APL003 AP086 - AP117; APL004 - APL005 AP118 - AP142A; APL006 AP143 - AP154 AP155 - AP167; APL007
Saturday, 25th November	
Poster Session 2 1315-1445	Boards
Respiratory Structure and Function Asthma 2 Cellular Molecular Biology COPD 2 Lung Cancer 2 Interstitial Lung Disease 1 Respiratory Infections (non-TB) 1 Tuberculosis 2	AP168 - AP185 AP186 - AP213; APL008 AP214 - AP223 AP224 - AP246; APL009 AP247 - AP275A AP276 - AP290 AP291 - AP310 AP312 - AP333; APL010
Sunday, 26th November	
Poster Session 3 1130-1300	Boards
Clinical Respiratory Medicine Bronchoscopy & Interventional Techniques COPD 3 Interstitial Lung Disease 2 Environmental & Occupational Health and Epidemiology Respiratory Infections (non-TB) 2 Paedatric Lung Disease	AP334 - AP367; APL017 AP368 - AP397; APL011 - APL012 AP398 - AP422A; APL013 - APL015 AP423 - AP442 AP443 - AP465 AP466 - AP488; APL016 AP489 - AP496

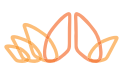
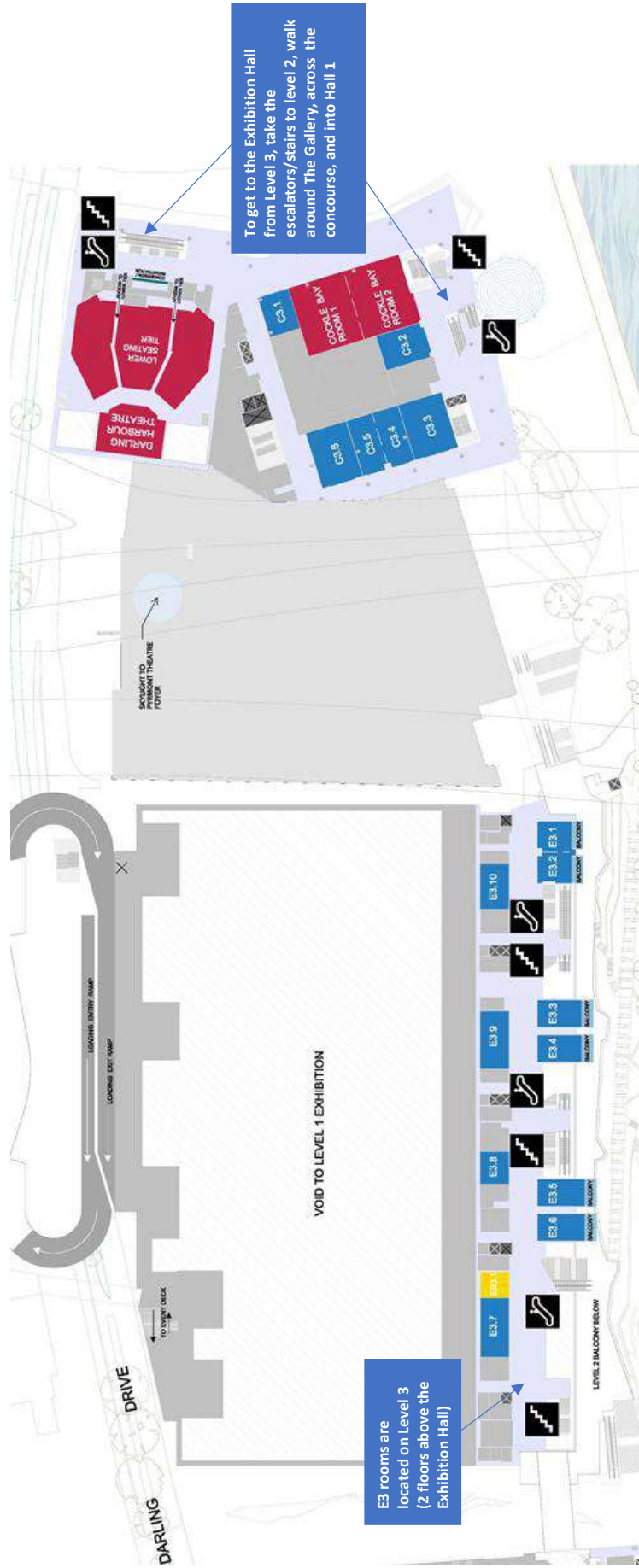


# VENUE FLOOR PLANS

## GROUND LEVEL



# LEVEL 3





# APSR BUSINESS MEETINGS

## APSR ANNUAL GENERAL MEETING (AGM)

23rd

Congress Day	Location/name of the room	Meeting Time
Thursday, 23 November	E3.3 SYDNEY INTERNATIONAL CONVENTION CENTRE	15:00-15:30

## APSR ASSEMBLY MEETINGS

7:00-8:00, Friday, 24 November

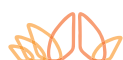
24th

Assembly	Meeting Room	Head	Head-Elect	Deputy Head
<b>Clinical Respiratory Medicine</b> -Respiratory Medicine 2017-	E3.9	Philip Eng	Thomas Mok	Dushantha Madegedara
<b>Environmental and Occupational Health and Epidemiology</b> -Focus on the Population Health Burden from Air Pollution according to the Country of Asia Pacific Region-	E3.8	Soon-Hee Jung	Yasuo Morimoto	Kozo Kuribayashi
<b>Respiratory Infections (non-tuberculosis)</b> -Molecular diagnosis of infectious disease, the current and future-	E3.4	Ki-Suck Jung	Yuanlin Song	Soon Hin How
<b>Tuberculosis</b> -APSR for TB Elimination-	C3.5	Charles Yu	Erlina Burhan	Jennifer Ann Wi
<b>COPD</b> -Efforts towards raising public awareness of COPD-	E3.10	Diahn-Warng Perng	Kazuto Matsunaga	Chin Kook Rhee
<b>Asthma</b> -Topics for the next APSR meeting-	C3.3	Kittipong Maneechotesuwan	Peter Gibson	Kang-Yun Lee
<b>Critical Care Medicine</b> -Vibrant & Active Online-	C3.4	Rodolfo Roman T Bigornia	Rex Chin-Wei Yung	Phunsup Wongsurakiat
<b>Bronchoscopy and Interventional Techniques</b> -Pulmonary nodule-	E3.3	Pyng Lee	Fumihiro Asano	Phan Nguyen



7:00-8:00, Saturday, 25 November

Assembly	Meeting Room	Head	Head-Elect	Deputy Head
<b>Cellular and Molecular Biology</b> -Future perspectives of CMB Assembly-	Cockle Bay Room 1	Yasuhiro Yamauchi	Takahide Nagase	Taisuke Jo
<b>Clinical Allergy and Immunology</b> -Our mission in APSR-	E3.4	Shu Hashimoto	Hironori Sagara	Yasuhiro Gon
<b>Lung Cancer</b> -Advancing Precision Medicine in Lung Cancer-	E3.1	Chong-Kin Liam	Emily Stone	Sita Andarini
<b>Respiratory Neurobiology and Sleep</b> -How to determine the Assembly Award :Sullivan Award and the other issues-	E3.2	Kazuo Chin	Yoshitaka Oku	Christopher Kim-Ming Hui
<b>Paediatric Lung Disease</b> -Meet up with fellow assembly members and gather ideas about the next congress-	Cockle Bay Room 2	Albert Martin Li	Jessie Anne de Bruyne	Anna Marie Nathan
<b>Respiratory Structure and Function</b> -New Troika Leadership (Sydney 2017~Hanoi 2019) - Future plans for Respiratory Structure and Function-	E3.10	Yasutaka Nakano	Hajime Kurosawa	Tsuyoshi Oguma
<b>Pulmonary Circulation</b> -Advances in treatment of pulmonary hypertension and real world treatment in APSR member countries.	E3.3	Hiroshi Kimura	Nobuhiro Tanabe	Masayuki Hanaoka
<b>Interstitial Lung Disease</b> -Discovery of Interstitial Lung Disease-	Cockle Bay Room 1	Masahito Ebina	Arata Azuma	Takafumi Suda





# **SPEAKERS**






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INTERNATIONAL, ASIA/PACIFIC, AUSTRALIAN

# INTERNATIONAL SPEAKERS

Name	Affiliation/Country	Session Date	Session Title
 Jason Ackrivo	Hospital of the University of Pennsylvania UNITED STATES	Saturday 0900-1030	Oral Presentations: Clinical Respiratory Medicine 2
 Peter Barnes	Imperial College London UNITED KINGDOM	Friday 1415-1545  Saturday 0700-0815	COPD 1: COPD and the elderly  Novartis Sponsored Breakfast Session: Evolving treatment strategies in COPD: What's on the horizon?
 Andrew Bush	Imperial College London UNITED KINGDOM	Friday 1130-1300  Friday 1615-1745	Asthma 1: Post Lancet Commission - asthma is an outdated concept: A pro/con debate  Paediatric 2: Childhood asthma - treatment and cohorts
 Kian Fan Chung	Imperial College London UNITED KINGDOM  Supported by Teva Pharma Australia Pty Ltd	Friday 1130-1300  Saturday 0730-0845	Asthma 1: Post Lancet Commission - asthma is an outdated concept: A pro/con debate  Teva Sponsored Breakfast Session: Tackling today's challenges in asthma management: Recent updates & advances
 Andrew Churg	Vancouver General Hospital CANADA	Friday 1415-1545	Environmental and Occupational Health / Epidemiology: Fibre to fibrosis; dust to dust
 Louise Donnelly	Imperial College London UNITED KINGDOM	Friday 1615-1745	Cellular and Molecular Biology: Intrinsic and acquired cellular abnormalities in lung diseases
 Urs Frey	University Children's Hospital Basel SWITZERLAND	Thursday 1700-1830	Opening Symposium: Lung health in a changing environment



 Mina Gaga	European Respiratory Society GREECE	Friday 0830-1000	Lung Cancer 1: Lung cancer diagnosis and treatment
 Darcy Marciniuk	University of Saskatchewan CANADA	Friday 1415-1545  Saturday 1315-1445	COPD 1: COPD and the elderly  Clinical Respiratory Medicine 1: Breathlessness
 Marc Moss	University of Colorado UNITED STATES	Friday 0830-1000  Sunday 1130-1300	Critical Care 1: A safer place for patients and clinicians  Critical Care 2: Managing Multiple Organ Dysfunction Syndrome
 Jason Mouabbi	St John Providence Health System UNITED STATES	Sunday 1130-1300	Oral Presentations: Pulmonary Circulation
 Chris O'Donnell	University of Pittsburgh UNITED STATES	Friday 1130-1300	Respiratory Neurobiology and Sleep: Hypoxia
 Alberto Papi	University of Ferrara ITALY  Supported by Chiesi-Emerge Health	Friday 0700-0815  Saturday 1200-1315  Sunday 0830-1000	Mundipharma Sponsored Breakfast Session: Exploring the bronchial tree in asthma management – large airways, small airways and clinical outcomes  Chiesi Sponsored Lunchtime Session: Treating small airways: A step further in asthma and COPD management  COPD 2: Predicting progression and therapeutic responses in COPD
 Polly Parsons	University of Vermont UNITED STATES	Friday 0830-1000	Critical Care 1: A safer place for patients and clinicians



 Venerino Poletti	AUSL della Romagna ITALY	Sunday 1400-1530	Bronchoscopy and Interventional Techniques 2: Applications of cryobiopsy
 Celeste Porsbjerg	Copenhagen University DENMARK	Sunday 1130-1300	Asthma 2: Obesity, diet and asthma
 Kim Prisk	University of California UNITED STATES	Friday 0830-1000  Saturday 0900-1030	Respiratory Structure and Function: What have we learned about the small airways?  Clinical Respiratory Medicine / Environmental and Occupational Health: The lung in a challenging environment
 Dean Schraufnagel	Forum of International Respiratory Societies UNITED STATES	Thursday 1700-1830	Opening Symposium: Lung health in a changing environment
 Anne Sperling	University of Chicago UNITED STATES	Saturday 0900-1030	Clinical Allergy Immunology: The changing face of allergy
 John Studdard	American College of Chest Physicians UNITED STATES	Saturday 0900-1030	Oral Presentations: Respiratory Infections (Non-TB) 3



# ASIA/PACIFIC SPEAKERS

Name	Affiliation/Country	Session Date	Session Title
 Shinji Abe	Nippon Medical School JAPAN	Friday 1130-1300	Interstitial Lung Disease 1: Exacerbations and potential therapies of IPF
 Hisao Asamura	Keio University School of Medicine JAPAN	Saturday 0900-1030	Lung Cancer 2: New approaches in lung cancer
 Erlina Burhan	TB Working Group INDONESIA	Sunday 1130-1300	Tuberculosis: Drug-resistant TB
 Adrian Chan	Singapore General Hospital SINGAPORE	Saturday 1315-1445	Clinical Respiratory Medicine 1: Breathlessness
 Kazuo Chin	Kyoto University JAPAN	Saturday 1315-1445	Respiratory Neurobiology and Sleep 2: Management and consequences of sleep apnea
 Gerald Chua	Ng Teng Fong General Hospital SINGAPORE	Friday 0830-1000	Critical Care 1: A safer place for patients and clinicians
 Anantham Devanand	Singapore General Hospital SINGAPORE	Friday 1615-1745	Bronchoscopy and Interventional Techniques 1: Pleural disease state of the art








 Masahito Ebina	Tohoku Medical and Pharmaceutical University JAPAN	Friday 1130-1300	Interstitial Lung Disease 1: Exacerbations and potential therapies of IPF
 Hisatsugu Goto	Tokushima University JAPAN	Friday 1130-1300	Oral Presentations: Lung Cancer 1 JRS Senior Speaker
 David Hui	Chinese University of Hong Kong HONG KONG	Saturday 1315-1445	Respiratory Neurobiology and Sleep 2: Management and consequences of sleep apnea
 Tristram Ingham	University of Otago NEW ZEALAND	Sunday 1130-1300	Asthma 2: Obesity, diet and asthma
 Woo-Jin Kim	Kangwon National University SOUTH KOREA	Friday 1415-1545	Environmental and Occupational Health / Epidemiology: Fibre to fibrosis; dust to dust
 Yoon-Keun Kim	MD Healthcare Inc. KOREA	Sunday 1400-1530	Respiratory Infections (Non-TB) 2: Microbiome
 Pyng Lee	National University of Singapore SINGAPORE	Friday 1615-1745	Bronchoscopy and Interventional Techniques 1: Pleural disease state of the art
 Leung Ting Fan	Chinese University of Hong Kong HONG KONG	Saturday 0900-1030	Clinical Allergy Immunology: The changing face of allergy





 Chong-Kin Liam	University Malaya Medical Centre MALAYSIA	Friday 0830-1000	Lung Cancer 1: Lung cancer diagnosis and treatment
 Suthaporn Lumlertgul	King Chulalongkorn Memorial Hospital THAILAND	Sunday 1130-1300	Critical Care 2: Managing Multiple Organ Dysfunction Syndrome
 Thomas Mok	Kowloon Hospital HONG KONG	Sunday 0830-1000	Clinical Respiratory Medicine: Clinical cases session
 Yoshiteru Morio	Tokyo National Hospital JAPAN	Sunday 1400-1530	Pulmonary Circulation: Current topics in mechanisms and treatment for pulmonary hypertension
 Shigeo Muro	Kyoto University JAPAN	Saturday 0900-1030	Oral Presentations: COPD 3 JRS Senior Speaker
 Takahide Nagase	University of Tokyo JAPAN	Sunday 1030-1130	Plenary: Michiyoshi Harasawa Memorial Lecture
 Yoichi Nakanishi	Kyushu University Hospital JAPAN	Friday 0830-1000	Lung Cancer 1: Lung cancer diagnosis and treatment
 Yoshitaka Oku	Hyogo College of Medicine JAPAN	Friday 1130-1300	Respiratory Neurobiology & Sleep: Hypoxia










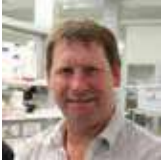
 Yoko Shibata	Yamagata University Hospital JAPAN	Friday 1415-1545	COPD 1: COPD and the elderly
 Alan Sihoe	The University of Hong Kong Shenzhen Hospital HONG KONG	Friday 1415-1545	Paediatric 1: Pneumonia in childhood
 Takafumi Suda	Hamamatsu University JAPAN	Sunday 0830-1000	Interstitial Lung Disease 2: Improving diagnosis and treatment of NSIP
 Yuichi Tamura	International University of Health and Welfare University Mita Hospital JAPAN	Sunday 1400-1530	Pulmonary Circulation: Current topics in mechanisms and treatment for pulmonary hypertension
 Margaret Wilsher	University of Auckland NEW ZEALAND	Sunday 0830-1000	Interstitial Lung Disease 2: Improving diagnosis and treatment of NSIP
 Xu Jin-Fu	Shanghai Pulmonary Hospital CHINA	Saturday 1 315-1445	Respiratory Infections (Non-TB) 1: Bronchiectasis
 Charles Yu	De La Salle University Medical Center PHILIPPINES	Sunday 1130-1300	Tuberculosis: Drug-resistant TB










# AUSTRALIAN SPEAKERS

Name	Affiliation/Country	Session Date	Session Title
 Gary Anderson	University of Melbourne VIC, AUSTRALIA	Friday 1130-1300	Asthma 1: Post Lancet Commision - asthma is an outdated concept: A pro/con debate
 Norbert Berend	The George Institute for Global Health NSW, AUSTRALIA	Friday 1300-1415  Saturday 0900-1030	GSK Sponsored Luchtime Session: Are all LAMA/LABA bronchodilators the same? Review of new evidence  Clinical Respiratory Medicine / Environmental and Occupational Health: The lung in a challenging environment
 Jane Bourke	Monash University VIC, AUSTRALIA	Friday 0830-1000  Saturday 1100-1200	Respiratory Structure and Function: What have we learned about the small airways?  Plenary: Presidential lecture
 Fraser Brims	Institute for Respiratory Health WA, AUSTRALIA	Saturday 0900-1030	Lung Cancer 2: New approaches in lung cancer
 Peter Burke	NeuRA NSW, AUSTRALIA	Friday 1130-1300	Respiratory Neurobiology & Sleep: Hypoxia
 Anne Chang	Menzies School of Health Research NT, AUSTRALIA	Saturday 1315-1445	Respiratory Infections (Non-TB) 1: Bronchiectasis
 Peter Cistulli	The University of Sydney NSW, AUSTRALIA	Saturday 1315-1445	Respiratory Neurobiology and Sleep 2: Management and consequences of sleep apnea









 Wendy Cooper	NSW, AUSTRALIA	Sunday 0830-1000	Interstitial Lung Disease 2: Improving diagnosis and treatment of NSIP
 Linda Denehy	University of Melbourne VIC, AUSTRALIA	Sunday 1130-1300	Critical Care 2: Managing Multiple Organ Dysfunction Syndrome
 Jo Douglass	Royal Melbourne Hospital VIC, AUSTRALIA	Saturday 0900-1030	Clinical Allergy Immunology: The changing face of allergy
 Kwun Fong	QLD, AUSTRALIA	Saturday 1100-1200	Plenary: Presidential Lecture
 Greg Fox	The University of Sydney NSW, AUSTRALIA	Sunday 1130-1300	Tuberculosis: Drug-resistant TB
 Peter Gibson	The University of Newcastle NSW, AUSTRALIA	Friday 1130-1300	Asthma 1: Post Lancet Commission - asthma is an outdated concept: A pro/con debate
 Keith Grimwood	Griffith University QLD, AUSTRALIA	Friday 1415-1545	Paediatric 1: Pneumonia in childhood
 Phil Hansbro	The University of Newcastle NSW, AUSTRALIA	Sunday 1400-1530	Respiratory Infections (Non-TB) 2: Microbiome











 Rebecca Harper	Adelaide Medical School SA, AUSTRALIA	Sunday 1400-1530	Pulmonary Circulation: Current topics in mechanisms and treatment for pulmonary hypertension
 Anne Holland	Alfred Health Clinical School VIC, AUSTRALIA	Saturday 1315-1445	Clinical Respiratory Medicine 1: Breathlessness
 Alvin Ing	NSW, AUSTRALIA	Sunday 1400-1530	Bronchoscopy and Interventional Techniques 2: Applications of cryobiopsy
 Adam Jaffe	Centre for Child Health Research & Innovation (ChERI) NSW, AUSTRALIA	Friday 1415-1545	Paediatric 1: Pneumonia in childhood
 Bin Jalaludin	UNSW Medicine NSW, AUSTRALIA	Thursday 1700-1830	Opening Symposium: Lung health in a changing environment
 Alan James	Sir Charles Gairdner Hospital WA, AUSTRALIA	Friday 1030-1130	Plenary: Memorial Lecture: Ann Janet Woolcock Research Award
 Michael Jones	NSW, AUSTRALIA	Sunday 0830-1000	Interstitial Lung Disease 2: Improving diagnosis and treatment of NSIP



 Greg King	The University of Sydney NSW, AUSTRALIA	Friday 0700-0815  Friday 1300-1415  Sunday 0830-1000	Mundipharma Sponsored Breakfast Session: Exploring the bronchial tree in asthma management – large airways, small airways and clinical outcomes  GSK Sponsored Lunchtime Session: Are all LAMA/LABA bronchodilators the same? Review of new evidence  COPD 2: Predicting progression and therapeutic responses in COPD
 Gary Lee	The University of Western Australia WA, AUSTRALIA	Friday 1645-1745	Bronchoscopy and Interventional Techniques 1: Pleural disease state of the art
 Peter Le Souef	The University of Western Australia WA, AUSTRALIA	Friday 1645-1745	Paediatric 2: Childhood asthma - treatment and cohorts
 Charles Mackay	Monash University VIC, AUSTRALIA	Sunday 1400-1530	Respiratory Infections (Non-TB) 2: Microbiome
 Peter Noble	The University of Western Australia WA, AUSTRALIA	Friday 0830-1000	Respiratory Structure and Function: What have we learned about the small airways?
 Matthew Peters	The University of Sydney NSW, AUSTRALIA	Saturday 1100-1200  Saturday 1315-1445	Plenary: Presidential lecture  Clinical Respiratory Medicine 1: Breathlessness
 Martin Phillips	Sir Charles Gairdner Hospital WA, AUSTRALIA	Sunday 1400-1530	Bronchoscopy and Interventional Techniques 2: Applications of cryobiopsy



 Simon Royce	Monash University VIC, AUSTRALIA	Friday 1130-1300	Interstitial Lung Disease 1: Exacerbations and potential therapies of IPF
 Taj Saghaie	NSW, AUSTRALIA	Sunday 1400-1530	Bronchoscopy and Interventional Techniques 2: Applications of cryobiopsy
 Susan Sawyer	Murdoch Children's Research Institute VIC, AUSTRALIA	Friday 1615-1745	Paediatric 2: Childhood asthma - treatment and cohorts
 Hayley Scott	The University of Newcastle NSW, AUSTRALIA	Sunday 1130-1300	Asthma 2: Obesity, diet and asthma
 Leigh Seccombe	The University of Sydney NSW, AUSTRALIA	Saturday 0900-1030	Clinical Respiratory Medicine / Environmental and Occupational Health: The lung in a challenging environment
 Stavros Selemidis	RMIT University VIC, AUSTRALIA	Friday 1615-1745	Cellular and Molecular Biology: Intrinsic and acquired cellular abnormalities in lung diseases
 Emily Stone	St Vincent's Hospital NSW, AUSTRALIA	Saturday 0900-1030	Lung Cancer 2: New approaches in lung cancer
 Maria Sukkar	University of Technology Sydney NSW, AUSTRALIA	Friday 1615-1745	Cellular and Molecular Biology: Intrinsic and acquired cellular abnormalities in lung diseases



 Cindy Thamrin	The University of Sydney NSW, AUSTRALIA	Friday 0830-1000	Respiratory Structure and Function: What have we learned about the small airways?
 Bruce Thompson	Royal Prince Alfred Hospital NSW, AUSTRALIA	Friday 1415-1545	Oral Presentations: Respiratory Structure and Function (Featured Speaker)
 Rachel Thomson	The University of Queensland QLD, AUSTRALIA	Saturday 1315-1445	Respiratory Infections (Non-TB) 1: Bronchiectasis
 Lauren Troy	Royal Prince Alfred Hospital NSW, AUSTRALIA	Sunday 0830-1000	Interstitial Lung Disease 2: Improving diagnosis and treatment of NSIP
 Hayden White	Queensland Health QLD, AUSTRALIA	Sunday 1130-1300	Critical Care 2: Managing Multiple Organ Dysfunction Syndrome
 Jonathan Williamson	NSW, AUSTRALIA	Sunday 1400-1530	Bronchoscopy and Interventional Techniques 2: Applications of cryobiopsy
 Ian Yang	The University of Queensland QLD, AUSTRALIA	Sunday 0830-1000	COPD 2: Predicting progression and therapeutic responses in COPD
 Deborah Yates	St Vincent's Hospital Sydney NSW, AUSTRALIA	Friday 1415-1545	Environmental and Occupational Health / Epidemiology: Fibre to fibrosis; dust to dust









**PROGRAM**



**THURSDAY**

**23**

**NOVEMBER**



# THURSDAY 23 NOVEMBER PROGRAM AT A GLANCE

0830-1000	<p><b>Pre-congress Workshop 1</b> Title: Severe asthma Room E3.10 <i>Sponsored by GSK</i></p>	<p><b>Pre-congress Workshop 2</b> Title: Tobacco control - evidence and individual patient approaches Room E3.4</p>	<p><b>Pre-congress Workshop 3</b> Title: Pulmonary rehabilitation: The secrets to success Room E3.5</p>	<p><b>Pre-congress Workshop 4</b> Title: EBM: Evolve - driving high-value respiratory care Room E3.6</p>	<p><b>Pre-congress Workshop 5</b> Title: Chronic cough in children Room E3.8</p>	
1000-1015	<b>Morning Tea, E3 Foyer</b>					
1015-1145	Workshop cont.	Workshop cont.	Workshop cont.	Workshop cont.	Workshop cont.	
1145-1215	<b>Lunch Break, E3 Foyer</b>					
1215-1345	Workshop cont.	Workshop cont.	<p><b>Pre-congress Workshop 6</b> Title: Acute respiratory failure Room E3.5</p>	<p><b>Pre-congress Workshop 7</b> Title: Respirology workshop: Publishing with impact Room E3.6</p>	<p><b>Pre-congress Workshop 8</b> Title: Interventional pulmonology Room E3.8</p>	<p><b>Pre-congress Workshop 9</b> Title: China day Room E3.9</p>
1345-1400	<b>Afternoon Tea, E3 Foyer</b>					
1400-1530	Workshop cont.	Workshop cont.	Workshop cont.	Workshop cont.	Workshop cont.	
1545-1700	<b>Opening Ceremony, Darling Harbour Theatre</b>					
1700-1830	<p><b>Opening Symposium</b> Session Title: Lung health in a changing environment Darling Harbour Theatre</p>					
1830-2030	<b>Welcome Reception, Exhibition Hall</b>					



# THURSDAY 23 NOVEMBER DETAILED PROGRAM

0830-1530	<b>Pre-congress Workshop 1</b> <i>Sponsored by GSK</i>	<b>Room E3.10</b>
	Title: Severe asthma	
0830-0900	Assessing someone with difficult-to-treat asthma	Peter Wark, AU
0900-0930	Adherence	Helen Reddel, AU
0930-1000	Self-management and device use	Jane Civitico, AU
1000-1015	<b>Morning Tea</b>	<b>E3 Foyer</b>
1015-1100	What is severe asthma?	Fan Chung, UK
1100-1145	Optimising inhaled therapies	Greg King, AU
1145-1215	<b>Lunch Break</b>	<b>E3 Foyer</b>
1215-1245	Co-morbidities	Mark Hew, AU
1245-1345	Panel discussion: Severe asthma case studies	All speakers
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1500	Severe asthma phenotyping and targeted therapy	Param Nair, Canada
1500-1530	Summary, questions and answers	Facilitated by Peter Wark

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0830-1530	<b>Pre-congress Workshop 2</b>	<b>Room E3.4</b>
	Title: Tobacco Control - Evidence and individual patient approaches	
	Innovative policy and individual support strategies	
0830-1000	1. System change interventions to address tobacco use - primary and secondary care settings	Johnson George, AU
1000-1015	<b>Morning Tea</b>	<b>E3 Foyer</b>
1015-1145	2. Establishing and running a hospital based smoking cessation service	Renee Bittoun, AU
1145-1215	<b>Lunch Break</b>	<b>E3 Foyer</b>
	E-cigarettes	
1215-1245	1. E-cigarette devices and liquids – what do we have and what is likely to come	
1245-1315	2. Understanding the toxicity and risks of e-cigarettes – should they be regarded as cigarettes-light or completely unrelated products	Brian Oliver, AU
1315-1345	3. How are e-cigarettes marketed and how do we address this	Becky Freeman, AU
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1430	4. Effectiveness and safety of electronic cigarettes - the FIRS position	Dean Schraufnagel, US
1430-1500	5. Is there a niche for e-cigarettes based on current evidence?	Matthew Peters, AU
1500-1530	Panel discussion	

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0830-1145	<b>Pre-congress Workshop 3</b>	<b>Room E3.5</b>
	Pulmonary rehabilitation: The secrets to success	
0830-0855	Overview of pulmonary rehabilitation clinical practice guidelines	Renae McNamara, AU
0855-0900	Questions	
0900-0925	Tip of the iceberg...	Narelle Cox, AU
0925-0930	Questions	
0930-0955	Evidence for and modifications required for application in diseases other than COPD	Marita Dale, AU
0955-1000	Questions	

1000-1015	<b>Morning Tea</b>	<b>E3 Foyer</b>
1015-1040	Maintaining the gains following pulmonary rehabilitation – the holy grail?	Lissa Spencer, AU
1040-1045	Questions	
1045-1110	A different perspective	Alice Jones, AU
1110-1115	Questions	
1115-1145	Panel discussion	
1145-1215	<b>Lunch Break</b>	<b>E3 Foyer</b>

0830-1145	<b>Pre-congress Workshop 4</b>	<b>Room E3.6</b>
	Title: EBM: Evolve - driving high-value respiratory care	
	Facilitators: Nitin Kapur, Helen Craig, Greg Fox	
0830-0845	Introduction and overview	
0845-0930	Table work	
0930-1000	Report back	

1000-1015	<b>Morning Tea</b>	<b>E3 Foyer</b>
1015-1100	Evidence-based policy: The processes of health technology assessment	Phuong Ngo, AU
1100-1145	Consumer evidence and engagement in HTA processes	Jo Watson, AU
1145-1215	<b>Lunch Break</b>	<b>E3 Foyer</b>

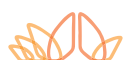
0830-1200	<b>Pre-congress Workshop 5</b>	<b>Room E3.8</b>
	Title: Chronic cough in children	
	Chair: Andrew Tai	
0830-1000	Evaluation and management of children with chronic cough	Danielle Wurzel, AU
1000-1015	<b>Morning Tea</b>	<b>E3 Foyer</b>
1030-1130	Non CF bronchiectasis - prevalence, risk factors	Louisa Owens, AU
1130-1200	Panel discussion	Danielle Wurzel, AU Louisa Owens, AU
1200-1215	<b>Lunch Break</b>	<b>E3 Foyer</b>



1215-1530	<b>Pre-congress Workshop 6</b>	<b>Room E3.5</b>
	Title: Acute respiratory failure	
1215-1245	Guidelines for safe administration of oxygen and appropriate oxygen targets in acutely unwell hospitalised patients	Jimmy Chien Claude Farah
1245-1315	Physics and physiology of non-invasive ventilation and novel enriched oxygen delivery systems	Winston Cheung
1315-1345	NIV in acute respiratory failure	Amanda Piper
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1430	Discussing the future - how do we best communicate with patients and supporters when aggressive interventions may be inappropriate	Tracy Smith
1430-1500	Educational aims and strategies for RNs involved in ward-level NIV	Sheree Smith
1500-1530	Panel discussion	

1215-1530	<b>Pre-congress Workshop 7</b>	<b>Room E3.6</b>
	Title: Respiriology workshop: Publishing with Impact	
1215-1230	Welcome and introduction: Modern-day research publishing	Paul Reynolds, AU
1230-1300	Masterclass: Getting started - writing your CV and grant applications	Andrew Bush, UK
1300-1345	Workshop: Training: Academic writing with impact	Anke van Eekelen Lieve Bultynck
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1430	Masterclass: Perspective: International peer review for research quality and value assessment	Philip Bardin, AU
1430-1500	Masterclass: Perspective: Current trends in research publishing and promotion	Julia Ballard, AU
1500-1530	Panel discussion: The reality of achieving impact in clinical research	All speakers

1215-1500	<b>Pre-congress Workshop 8</b>	<b>Room E3.8</b>
	Title: Interventional pulmonology	
	Chair: David Fielding	
1215-1230	I wish I hadn't done that!	Alvin Ing, AU
1230-1245	I wish I hadn't done that!	Jonathon Williamson, AU
1245-1300	I wish I hadn't done that!	Tajalli Saghaie, AU
1300-1315	I wish I hadn't done that!	Phan Nguyen, AU
1315-1330	I wish I hadn't done that!	David Fielding, AU
1330-1345	Panel discussion	
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1430	Use of balloons for prevention of consequences of endobronchial bleeding	David Fielding, AU
1430-1500	The future of Interventional pulmonology: What is the next big thing?	Pyng Lee, Singapore
1500-1530	The future of Interventional pulmonology: What is the next big thing?	Venerino Poletti, Italy



1215-1520	<b>Pre-congress Workshop 9</b>	<b>Room E3.9</b>
	Title: China day	
1215-1245	Lung cancer in China	Chunxue Bai
1245-1250	The application of SIgE/SIgG4 and IFN- $\gamma$ in infantile allergy march	Jiaying Luo
1250-1255	Effects of Astragaloside IV on airway inflammation in allergic asthma via inhibiting mTORC1 signaling pathway in vivo and in vitro	Hualiang Jin
1255-1300	Allergen immunotherapy induced IgG4 reduce basophil activation sensitivity in house dust mite allergic asthma patients	Mulin Feng
1300-1330	Treatment of severe pneumonia with Chinese herbs	Yuanlin Song
1330-1335	The role of PM2.5 played in cigarette smoke-inflamed pulmonary epithelium	Tianyu Zhou
1335-1340	Elevated microRNAs profiles correlated with Th1/Th2 imbalance after acute exposed to fine particulate matter in mice	Tian-Fang Hou
1345-1400	<b>Afternoon Tea</b>	<b>E3 Foyer</b>
1400-1430	COPD in China	Rongchang Chen
1430-1455	Genomics of lung cancer	Kwun Fong
1455-1500	Assessment of soft palate muscle fatigue and its effect on velopharyngeal upper airway dynamics	Wenyang Li
1500-1505	Therapeutic effects of Histone Deacetylase Enzyme 8 Inhibitors (HDAC8i) in a Murine Asthma Model	Yuan Ren
1505-1510	Association between serum KL-6, CA15-3, and connective tissue disease-related interstitial pneumonia (CTD-ILD)	Zijun Guo
1510-1515	Dynamic change of macrophage M1/M2 polarization in monocrotaline-induced pulmonary arterial hypertension	Yong Fan
1515-1520	Aging related DNA methylation in peripheral blood of smokers and patients with COPD	Ling Qin

1545-1700	<b>Opening Ceremony</b>	<b>Darling Harbour Theatre</b>
1700-1830	<b>Opening Symposium</b>	<b>Darling Harbour Theatre</b>
	Session Title: Lung health in a changing environment	
	Chairs: Phillip Eng and Kwun Fong	
1700-1730	Air Pollution, lung development and lung health in children	Urs Frey, Switzerland
1730-1800	Outdoor air pollution and lung health/disease in Asia	Bin Jalaludin, AU
1800-1830	Climate change and the spectrum and impact of respiratory infections	Dean Schraufnagel, US
1830-2030	<b>Welcome Reception</b>	<b>Exhibition Hall</b>











**PROGRAM**



**FRIDAY**

**24**

**NOVEMBER**

## FRIDAY 24 NOVEMBER PROGRAM AT A GLANCE

0700-0815	<p><b>Sponsored Breakfast Session: Boehringer Ingelheim</b> Optimising patient outcomes in COPD – management in 2017 and beyond Theatrette 1, Exhibition Hall</p> <p><b>Sponsored Breakfast Session: Mundipharma Pty Ltd and Mundipharma Pty Ltd</b> Exploring the bronchial tree in asthma management – large airways, small airways and clinical outcomes Theatrette 2, Exhibition Hall</p>	<p><b>Concurrent Session: Lung Cancer 1</b> Session Title: Lung cancer diagnosis and treatment Darling Harbour Theatre</p> <p><b>Concurrent Session: Respiratory and Structure and Function</b> Session Title: What have we learned about the small airways? Room C3.3</p>	<p><b>Concurrent Session: Critical Care 1</b> Session Title: Critical care: A safer place for patients and clinicians Room C3.4 &amp; C3.5</p>	<p><b>Oral Presentations: COPD 1</b> Room E3.10</p>	<p><b>Oral Presentations: Asthma 1</b> Room E3.4</p>	<p><b>Oral Presentations: Tuberculosis 1</b> Room E3.9</p>	
1000-1030	<b>Morning Tea, Exhibition Hall</b>						
1030-1130	<b>Plenary: Memorial Lecture: Ann Janet Woolcock Research Award</b> Darling Harbour Theatre						
1130-1300	<p><b>Concurrent Session: Asthma 1</b> Session Title: Post lancet commission – asthma is an outdated concept: A pro/con debate Darling Harbour Theatre</p>	<p><b>Concurrent Session: Respiratory &amp; Sleep</b> Session Title: Hypoxia Room C3.3</p>	<p><b>Concurrent Session: Interstitial Lung Disease 1</b> Session Title: Exacerbations and potential therapies of IPF Room C3.4 &amp; C3.5</p>	<p><b>Oral Presentations: Lung Cancer 1</b> Room E3.10</p>	<p><b>Oral Presentations: Cellular and Molecular Biology</b> Room E3.4</p>	<p><b>Oral Presentations: Respiratory Infections (Non-TB) 1</b> Room E3.8</p>	<p><b>Oral Presentations: Clinical Respiratory Medicine 1</b> Room E3.9</p>



1300-1415	<b>Lunch, Exhibition Hall</b>						
1300-1415	<p><b>Sponsored Lunchtime Session:</b> <b>AstraZeneca</b> Rethinking severe asthma Theatrette 1, Exhibition Hall</p>	<p><b>Sponsored Lunchtime Session:</b> <b>GSK</b> Are all LAMA/LABA bronchodilators the same? Review of new evidence Theatrette 2, Exhibition Hall</p>					
1415-1545	<p><b>Concurrent Session: COPD 1</b> Session Title: COPD and the elderly Darling Harbour Theatre</p>	<p><b>Concurrent Session: Environmental and Occupational Health / Epidemiology</b> Session Title: Fibre to fibrosis; dust to dust Room C3.3</p>	<p><b>Concurrent Session: Paediatric 1</b> Session Title: Pneumonia in childhood Room C3.4 &amp; C3.5</p>	<p><b>Oral Presentations: Respiratory Structure and Function</b> Room E3.10</p>	<p><b>Oral Presentations: Bronchoscopy and Interventional Techniques</b> Rom E3.9</p>	<p><b>Poster Session 1</b> Exhibition Hall</p>	
1545-1615	<b>Afternoon Tea, Exhibition Hall</b>						
1615-1745	<p><b>Concurrent Session: Bronchoscopy and Interventional Techniques 1</b> Session Title: Pleural disease state of the art Darling Harbour Theatre</p>	<p><b>Concurrent Session: Cellular and Molecular Biology</b> Session Title: Intrinsic and acquired cellular abnormalities in lung diseases Room C3.3</p>	<p><b>Concurrent Session: Paediatric 2</b> Session Title: Childhood asthma - treatment and cohorts Room C3.4 &amp; C3.5</p>	<p><b>Oral Presentations: COPD 2</b> Room E3.10</p>	<p><b>Oral Presentations: Tuberculosis 2</b> Room E3.4</p>	<p><b>Oral Presentations: Respiratory Infections (Non-TB) 2</b> Room E3.8</p>	<p><b>Oral Presentations: Respiratory Neurobiology and Sleep</b> Room E3.9</p>



# FRIDAY 24 NOVEMBER DETAILED PROGRAM

0700-0815	<b>Sponsored Breakfast Session: Boehringer Ingelheim</b>	<b>Theatrette 1, Exhibition Hall</b>
	Session Title: Optimising patient outcomes in COPD – management in 2017 and beyond	
0700-0705	Welcome and introduction	Christine Jenkins, AU
0705-0730	Foundation therapy in COPD: Optimising patient outcomes with the emphasis on reducing future risk	David MG Halpin, UK
0730-0750	Add-on therapy in COPD: Defining the role for ICS using an individualised approach	Christine Jenkins, AU
0750-0800	Q&A	
0700-0815	<b>Sponsored Breakfast Session: Mundipharma Pte Ltd and Mundipharma Pty Ltd</b>	<b>Theatrette 2, Exhibition Hall</b>
	Session Title: Exploring the bronchial tree in asthma management – large airways, small airways and clinical outcomes	
	Chair: Greg King	
0700-0715	Asthma control in Australia - doing better, going forward?	Greg King, AU
0715-0735	Does size matter? The importance of small airway disease in treatment of asthma with ICS/LABAs	Omar Usmani, UK
0735-0755	Asthma exacerbation with ICS/LABA - evidence from RCTs and the real world	Alberto Papi, Italy
0755-0810	Q&A	
0830-1000	<b>Concurrent Session: Lung Cancer 1</b>	<b>Darling Harbour Theatre</b>
	Session Title: Lung cancer diagnosis and treatment	
	Chairs: Sita Andarini and Emily Stone	
0830-0900	Heterogeneity in lung cancer and lung cancer practice in Asia Pacific region	Yoichi Nakanishi, Japan
0900-0930	Diagnosis and management of resistance and persistence in molecularly defined NSCLC	Chong-Kin Liam, Malaysia
0930-1000	Pulmonary toxicity with PD-1 inhibitors and other novel cancer treatments	Mina Gaga, Greece
0830-1000	<b>Concurrent Session: Respiratory Structure and Function</b>	<b>Room C3.3</b>
	Session Title: What have we learned about the small airways?	
	Chairs: Yasutaka Nakano and Bruce Thompson	
0830-0850	Studying small airways in health and disease	Jane Bourke, AU
0850-0910	In vitro/ex vivo mechanics of small airway narrowing	Peter Noble, AU
0910-0930	In vivo/clinical mechanics of small airway narrowing	Cindy Thamrin, AU
0930-1000	Functional imaging of the small airways	Kim Prisk, US
0830-1000	<b>Concurrent Session: Critical Care 1</b>	<b>Room C3.4 &amp; C3.5</b>
	Session Title: Critical care: A safer place for patients and clinicians	
	Chairs: Rodolfo Roman T Bigornia and Sumalee Kiatboonsri	
0830-0900	Identification and management of burnout in critical care physicians	Marc Moss, US
0900-0930	Clinical trial in critical care: A means to improve outcomes	Polly Parsons, US



0930-1000	Using high fidelity simulation to teach crisis resource management in critical care	Gerald Chua, Singapore
<b>0830-1000 Oral Presentations: COPD 1 Room E3.10</b>		
Chairs: Kazuto Matsunaga and Ian Yang		
0830-0840	Comparison of world health organization and Asia-Pacific body mass index classifications in COPD patient	<b>Chin Kook Rhee</b> , Seong Yong Lim, Kwang Ha Yoo, Yong Bum Park, Tae-Hyung Kim, Hyoung Kyu Yoon, South Korea Abstract No. AO001
0840-0850	Peripheral atherosclerosis in non-smokers with airflow limitation	<b>Joo Hun Park</b> , Seung Soo Sheen, Sung Chul Hwang, Hyoung Joo Kim, Keu Sung Lee, South Korea Abstract No. AO002
0850-0900	Dietary fibre and microbial metabolites protect against cigarette smoke-induced lung pathology in mice	<b>Kurtis Budden</b> , Shaan Gellatly, David Wood, Mark Morrison, Matthew Cooper, Paul G. Dennis, Philip Hugenholtz, Philip Hansbro, AU Abstract No. AO003
0900-0910	Vitamin E isoform gamma-tocotrienol protects against emphysema development in cigarette smoke-induced chronic obstructive pulmonary disease	<b>Wai Shiu Fred Wong</b> , WS Daniel Tan, Tze Khee Chan, Paul S Foster, Hong Yong Peh, Singapore Abstract No. AO004
0910-0920	Investigation on the individual characteristics of inflammatory cytokines on COPD patients	<b>In Ae Kim</b> , H. Kim, Y. Park, C. Rhee, Y. Hwang, K. Yoo, South Korea Abstract No. AO005
0920-0930	Eosinophilia is less likely to occur in COPD smokers with emphysema phenotype	<b>Nguyen Van Tho</b> , Le Thi Tuyet Lan, Emiko Ogawa, Yasutaka Nakano, Vietnam Abstract No. AO006
0930-0940	Sputum 6 gene expression signature predicts inflammatory phenotype of chronic obstructive pulmonary disease	<b>Katie Baines</b> , Netsanet Negewo, Peter Gibson, Juan-Juan Fu, Jodie Simpson, Peter Wark, Vanessa McDonald, AU Abstract No. AO007
0940-0950	Restoration of corticosteroid sensitivity in cigarette smoke-induced lung injury model by andrographolide	<b>Wupeng Liao</b> , Wan-Shun Daniel Tan, Albert Yick-Hou Lim, Wai-Shiu Fred Wong, Singapore Abstract No. AO008
0950-1000	Q&A	
<b>0830-1000 Oral Presentations: Asthma 1 Room E3.4</b>		
Chairs: Sandra Anderson and Kittipong Maneechosuan		
0830-0840	Clinical utility of FeNO analysis in the diagnosis of cough-variant asthma	<b>Binu Krishnan</b> , S Priya, India Abstract No. AO009
0840-0850	Comparison of fractional exhaled nitric oxide values measured using NOA208i and NIOX VERO	<b>Yoshinari Endo</b> , Taisuke Akamatsu, Yuko Tanaka, Hirofumi Watanabe, Takahito Suzuki, Satoru Morita, Kazuhiro Asada, Toshihiro Shirai, Japan Abstract No. AO010
0850-0900	Comparative responses in lung function measurements in adolescents and adults with moderate symptomatic asthma	<b>David Halpin</b> , Eckhard Hamelmann, Petra Moroni-Zentgraf, Benjamin van Hecke, Anna Unseld, Huib Kerstjens, UK Abstract No. AO011
0900-0910	Patient-reported activity impairment, stress, and tiredness improvement in patients with severe, uncontrolled asthma with eosinophilic inflammation: Pooled results from two phase III trials of benralizumab	<b>Gokul Gopalan</b> , Sean O'Quinn, Xiao Xu, Ian Hirsch, US Abstract No. AO012



0910-0920	Diurnal variability in peak expiratory flow with tiotropium Respimat® in adults with severe, moderate and mild symptomatic asthma	<b>Huw Davies</b> , René Aalbers, Thomas Casale, Petra Moroni-Zentgraf, Benjamin van Hecke, Ralf Sigmund, Huib Kerstjens, AU Abstract No. AO013
0920-0930	Forced vital capacity response to tiotropium Respimat® in adult patients with severe, moderate and mild symptomatic asthma	<b>Peter Frith</b> , David Halpin, Petra Moroni-Zentgraf, Benjamin van Hecke, Ralf Sigmund, Huib Kerstjens, AU Abstract No. AO014
0930-0940	Fevipirant reduces airway smooth muscle mass in asthmatics via PGD <sub>2</sub> receptor antagonism	<b>Marcela Gavornikova</b> , Ruth M. Saunders, Alessandra Sandrini, Himanshu Kaul, Rachid Berair, Amisha Singapuri, Igor Chernyavsky, Latifa Chachi, Michael Biddle, Amanda Sutcliffe, Marie Laurencin, Gerald Bacher, Michelle Bourne, Ian D. Pavord, Andrew J. Wardlaw, Salman H. Siddiqui, Richard Kay, Bindi S. Brook, Rod Smallwood, Christopher E. Brightling, Switzerland Abstract No. AO015
0940-0950	Effectiveness of the eCARE programme: a short message service (SMS) for asthma monitoring	<b>Lathy Prabhakaran</b> , LP Neo, CC Gan, LM Tham, Charis Ng, CW Yap, Wong Wai Mun, Abs John, TK Lim, Singapore Abstract No. AO016
0950-1000	Q&A	
0830-1000	<b>Oral Presentations: Tuberculosis 1</b>	<b>Room E3.9</b>
	Chairs: Erlina Burhan and Manil Peiris	
0830-0840	Risk factors for delayed diagnosis of pulmonary tuberculosis in intermediate TB burden country	<b>Gyung Eui Lee</b> , Jae Chol Choi, Ho Jung Kim, Byoung Whui Choi, Jong Wook Shin, Jae Yeol Kim, In Won Park, Tae Yun Park, South Korea Abstract No. AO017
0840-0850	Prevalence and risk factors of drug resistant extrapulmonary tuberculosis	<b>Viboon Boonsarngsuk</b> , Khattiya Mangkang, Pituk Santinirand, Thailand Abstract No. AO018
0850-0900	The nutritional status assessed by malnutrition screening tools in pulmonary tuberculosis and its relation to bacterial load	<b>Anggar Jito</b> , Diah Handayani, Erlina Burhan, Rina Agustina, Diana Septiyanti, Indonesia Abstract No. AO019
0900-0910	To assess risk factors for lost to follow-up in the treatment for tuberculosis - analysis of Japan TB surveillance data	<b>Lisa Kawatsu</b> , Kazuhiro Uchimura, Akihiro Ohkado, Seiya Kato, Japan Abstract No. AO020
0910-0925	Recurrent pyopneumothorax in multi drug resistant tuberculosis patient: A case report	<b>Dian Prastiti Utami</b> , Diah Handayani, Wahju Aniwidyaningsih, Prasenhadi Pradono, Budhi Antariksa, Indonesia Abstract No. AO021 <b>(ERS Young Investigator)</b>
0925-0935	Latent tuberculosis infection increases in patients receiving kidney transplantation	<b>Chin-Chung Shu</b> , Taiwan Abstract No. AO022
0935-0945	Pulmonary tuberculosis associated with interstitial lung disease	<b>Atsushi Nakagawa</b> , Kazutaka Hosoya, Hayato Kawachi, Ryosuke Hirabayashi, Ryobu Mori, Munehiro Ito, Mariko Kogo, Daichi Fujimoto, Kazuma Nagata, Ryo Tachikawa, Kojiro Otsuka, Keisuke Tomii, Japan Abstract No. AO023
0945-1000	Q&A	
1000-1030	<b>Morning Tea</b>	<b>Exhibition Hall</b>



1030-1130	<b>Plenary: Memorial Lecture: Ann Janet Woolcock Research Award</b>	<b>Darling Harbour Theatre</b>
	Chair: Allan Glanville	
1030-1035	Introduction	
1035-1120	Airway hyperresponsiveness - does it take two to tango?	Alan James, AU
1120-1130	Award Presentation	
1130-1300	<b>Concurrent Session: Asthma 1</b>	<b>Darling Harbour Theatre</b>
	Session Title: Post Lancet commission – asthma is an outdated concept: A pro/con debate	
	Chairs: Alan James and Kang Yun Lee	
1130-1135	Introduction	
1135-1150	Pro	Andrew Bush, UK
1150-1205	Con	Fan Chung, UK
1205-1220	Pro	Peter Gibson, AU
1220-1235	Con	Gary Anderson, AU
1235-1240	Pro rebuttal	Andrew Bush, UK
1240-1245	Con rebuttal	Fan Chung, UK
1245-1300	Questions and voting	
1130-1300	<b>Concurrent Session: Respiratory Neurobiology &amp; Sleep</b>	<b>Room C3.3</b>
	Session Title: Hypoxia	
	Chairs: Kazuo Chin and Peter Cistulli	
1130-1200	Effects of hypoxia on the sensorimotor control of upper airway	Peter Burke, AU
1200-1230	Effects of hypoxia on the brainstem neural network function	Yoshitaka Oku, Japan
1230-1300	Effects of hypoxia on metabolism and cardiovascular function	Chris O'Donnell, US
1130-1300	<b>Concurrent Session: Interstitial Lung Disease 1</b>	<b>Room C3.4 &amp; C3.5</b>
	Session Title: Exacerbations and potential therapies of IPF	
	Chairs: Masahito Ebina and Paul Reynolds	
1130-1200	Novel antifibrotic therapies in IPF and CLAD	Simon Royce, AU
1200-1230	Basic mechanisms of exacerbations in association with AIP	Masahito Ebina, Japan
1230-1300	Novel therapies for IPF exacerbations	Shinji Abe, Japan
1130-1300	<b>Oral Presentations: Lung Cancer 1</b>	<b>Room E3.10</b>
	Chairs: Chao-Chi Ho and Chong Kin Liam	
1130-1200	Mechanism of acquired resistance to anti-angiogenic therapy mediated by fibrocytes	<b>Hisatsugu Goto</b> , Japan <i>(JRS Senior Speaker)</i>
1200-1210	GSK-3 inhibition suppresses lung cancer cell survival, mMetastasis and proliferation through down-regulation the phosphorylation sites of CAP1	<b>Shuanshuan Xie</b> , Changhui Wang, China Abstract No. AO024
1210-1220	The role of zinc finger E-box binding homeobox 1 in the hypoxia-induced CD133 upregulation and self-renewal capacity in non-small cell lung cancer	<b>Fariz Nurwidya</b> , Fumiyuki Takahashi, Moulid Hidayat, Isao Kobayashi, Aditya Wirawan, Motoyasu Kato, Ken Tajima, Naoko Shimada, Faisal Yunus, Kazuhisa Takahashi, Indonesia Abstract No. AO025
1220-1230	The effect of miR-21 on the proliferation, migration and apoptosis of lung A549 cells	<b>Yonghua Zheng</b> , China Abstract No. AOL001





1230-1240	The expression and significance of miR-21A-5P and MIR-21A-3P in BALB/C mice pulmonary precancerous lesions induced by fine particulate matter	<b>Tian-Fang Hou</b> , Guang-fa Wang, China Abstract No. AO026
1240-1250	Glutathione S-Transferase M1 and T1 polymorphisms prevalence in lung cancer patients in Malang, Indonesia	<b>Rezki Tantular</b> , Nunuk Sri Muktiati, Suryanti Dwi Pratiwi, Nanik Setijowati, Indonesia Abstract No. AO027
1250-1300	Q&A	

1130-1300	<b>Oral Presentations: Cellular and Molecular Biology</b>	<b>Room E3.4</b>
	Chairs: Taisuke Jo and Stavros Selemidis	
1130-1140	Mesenchymal stem cell-conditioned medium induces neutrophils apoptosis via inhibition of NF-KB pathway in endotoxin-induced acute lung injury	<b>Chi-Shiuan Lin</b> , Vincent Yi-Fong Su, Kuang-Yao Yang, Taiwan Abstract No. AO028
1140-1150	Bronchiolitis obliterans syndrome is associated with increased P-glycoprotein expression and loss of glucocorticoid receptor from steroid resistant pro-inflammatory CD8+T cells	<b>Greg Hodge</b> , Sandra Hodge, Phan Nguyen, Aeneas Yeo, Paroma Sarkar, Arash Badiei, Chien-Li Holmes-Liew, Paul Reynolds, Mark Holmes, AU Abstract No. AO029
1150-1200	Enhanced CD147 expression after H1N1 infection; a potential mechanism for airway epithelium impairment in asthma	<b>Fatemeh Moheimani</b> , Peter Wark, Darryl Knight, AU Abstract No. AO030
1200-1210	Dietary omega-6, but not omega-3 polyunsaturated saturated fatty acids increase inflammation in human pulmonary fibroblasts	<b>Sandra Rutting</b> , Dia Xenaki, Qi Ge, Lisa Wood, Philip Hansbro, Brian Oliver, AU Abstract No. AO031
1210-1220	The role of PM <sub>2.5</sub> played in cigarette smoke-inflamed pulmonary epithelium	<b>Tianyu Zhou</b> , Yijue Zhong, Yan Hu, Qing Yu, Guangfa Wang, China Abstract No. AO032
1220-1230	Investigation of the CD1B lipid antigen presentation pathway in COPD	<b>Miranda Ween</b> , Charles Jones, Hai Tran, Jonathan Whittall, Sandra Hodge, AU Abstract No. AO034
1230-1240	RAGE-specific antagonist alleviates elastase-induced emphysema development by preventing RAGE-DAMP signaling	<b>Hanbyeol Lee</b> , Woo Jin Kim, Soojin Jang, Jooyeon Lee, Se-Ran Yang, South Korea Abstract No. AO034
1240-1255	Role of quiescence cancer stem cells in the gefitinib resistance in EGFR mutation-positive non-small cell lung cancer	<b>Mouldid Hidayat</b> , Fumiyuki Takahashi, Ken Tajima, Fariz Nurwidya, Aditya Wirawan, Ryota Kanemaru, Yoshika Koinuma, Daisuke Hayakawa, Manabu Tajima, Naohisa Matsumoto, Koichiro Kanamori, Ikuko Takeda, Motoyasu Kato, Isao Kobayashi, Naoko Shimada, Kazuhisa Takahashi, Japan Abstract No. AO035 <b>(ERS Young Investigator)</b>
1255-1300	Q&A	

1130-1300	<b>Oral Presentations: Respiratory Infections (Non-TB) 1</b>	<b>Room E3.8</b>
	Chairs: Ki-Suck Jung and David Lam	
1130-1140	Aetiology of community acquired pneumonia with fever and the presentation and prognosis of viral infection: A prospective observational study	<b>Jin-fu Xu</b> , Ru-Jia Tao, Xiao-Li Luo, Wei-Jun Cao, China Abstract No. AO036
1140-1150	Clinical, laboratory features and outcome of community-acquired pneumonia in alcoholic patients in respiratory center, Bach Mai Hospital	<b>Trang Vu</b> , Vietnam Abstract No. AO037



1150-1200	Risk stratification for the development of chronic pulmonary Aspergillosis in patients with Mycobacterium avium complex lung disease	<b>Koji Furuuchi</b> , Akihiro Ito, Toru Hashimoto, Shogo Kumagai, Tadashi Ishida, Japan Abstract No. AO038
1200-1210	Association between implementation of bundles of care and possible ventilator associated pneumonia (PVAP) among mechanically ventilated patients in the intensive care unit: A quasi-experimental study	<b>Patricia Ann Estrella</b> , Anna Francesca Abarquez, Mary Claire Orden, Philippines Abstract No. AO039
1210-1220	Modification of CURB-65 score as mortality predictor of hospitalized pneumonia patients with comorbidity: CAR score	<b>Paramita Khairan</b> , Ceva Wicaksono Pitoyo, Gurmeet Singh, Sukamto Koesnoe, Indonesia Abstract No. AO040
1220-1230	A new criterion in predicting 30-day mortality in hospitalized adult patients with infectious diseases: A retrospective single center study	<b>Masafumi Shimoda</b> , Daisuke Kurai, Takeshi Saraya, Keitaro Nakamoto, Takuma Yokoyama, Yuka Sasaki, Haruyuki Ishii, Hajime Goto, Hajime Takizawa, Japan Abstract No. AO041
1230-1240	Presence of pneumonia in patient with HIV in developed countries: A systemic review and meta-analysis	<b>Mohammed Khan</b> , Asiful Islam, Fahmida Alam, Shamima Easmin Nishi, Zeehaida Mohamed, Ninin Sukminingrum, Malaysia Abstract No. AOL002
1240-1300	Q&A	
1130-1300	<b>Oral Presentations: Clinical Respiratory Medicine 1</b>	<b>Room E3.9</b>
	Chairs: Helmy Haja Mydin and Thomas Mok	
1130-1150	Illicit tobacco in Sydney has declined not increased after introduction of mandatory plain tobacco packaging – results from a four year study	<b>Matthew Peters</b> , AU Abstract No. AOL003
1150-1200	Health impact of e-cigarettes: A prospective 3.5-year study of regular users who have never smoked	<b>Riccardo Polosa</b> , Fabio Cibella, Pasquale Caponnetto, Marilena Maglia, Donald Tashkin, Italy Abstract No. AO042
1200-1210	The stages of change (SOC) and the long-term outcome of an outpatient smoking-cessation programme with medically ill smokers	<b>Michelle Shi</b> , Chian Min Loo, Po Oei Tian, Singapore Abstract No. AO043
1210-1220	A retrospective study on amiodarone pulmonary toxicity in Chinese patients in Hong Kong	<b>Wang Chun Kwok</b> , Ting Fung Ma, James Chung Man Ho, Hong Kong Abstract No. AO044
1220-1230	A case series of hereditary cystic lung disease in a Chinese family	<b>Eric Cheung Wai Sze</b> , Andrew Wing Kin LAI, Kit Man SIN, Hong Kong Abstract No. AO045
1230-1240	A familial case of Birt-Hogg-Dube Syndrome (BHDS) complicated with bladder cancer and lung cancer: A case report and literature review	<b>Yuki Goto</b> , Kazunori Tobino, Japan Abstract No. AO046
1240-1250	A rare presentation of bronchogenic cyst with atrial fibrillation	<b>Chakrahari Ugandhar Bhattu</b> , Rama Reddy, Nageshwar Rao, Pawan Poddar, BVG Swamy, Ravi Kanth, India Abstract No. AO047
1250-1300	Q&A	
1300-1415	<b>Lunch</b>	<b>Exhibition Hall</b>



1300-1415 <b>Sponsored Lunchtime Session 1: AstraZeneca</b>		<b>Theatrette 1, Exhibition Hall</b>
Session Title: Rethinking severe asthma		
Chair: Phil Bardin		
1300-1305	Welcome and introduction	Phil Bardin, AU
1305-1315	Severe asthma - bringing it back into the spotlight	Phil Bardin, AU
1315-1335	Severe uncontrolled asthma – why it is not just asthma?	You Sook Cho, South Korea
1335-1400	Novel mechanisms of eosinophilia in severe asthma	Parameswaran Nair, Canada
1400-1415	Panel discussion and Q&A	

1300-1415 <b>Sponsored Lunchtime Session 2: GSK</b>		<b>Theatrette 2, Exhibition Hall</b>
Session Title: Are all LAMA/LABA bronchodilators the same? Review of new evidence		
Chair: Greg King		
1300-1305	Introduction	Greg King, AU
1305-1330	Overview of COPD management with a focus on the breathless patient	Norbert Berend, AU
1330-1400	Maximal bronchodilation with dual bronchodilators – the latest evidence	Chris Compton, UK
1400-1415	Q&A	

### 1415 **Meeting close**

1415-1545 <b>Concurrent Session: COPD 1</b>		<b>Darling Harbour Theatre</b>
Session Title: COPD and the elderly		
Chairs: Diahn-Warng Perng and Chong-Jen Yu		
1415-1445	COPD and ageing; one way-traffic?	Peter Barnes, UK
1445-1515	COPD, CV disease morbidity and mortality	Yoko Shibata, Japan
1515-1545	Extra-pulmonary effects of severe COPD	Darcy Marciniuk, Canada

1415-1545 <b>Concurrent Session: Environmental and Occupational Health / Epidemiology</b>		<b>Room C3.3</b>
Session Title: Fibre to fibrosis; dust to dust		
Chairs: Gary Baker and Soon-Hee Jung		
1415-1445	Clinical features of lung disease caused by organic and inorganic dusts	Woo-Jin Kim, Sth Korea
1445-1515	Black is the new black - the re-emergent problem of black lung	Deborah Yates, AU
1515-1545	Genetic backgrounds and possible biomarkers for lung disease caused by low-dose exposure of fibrous dusts	Andrew Churg, Canada

1415-1545 <b>Concurrent Session: Paediatric 1</b>		<b>Room C3.4 &amp; C3.5</b>
Session Title: Pneumonia in childhood		
Chair: Anna Marie Nathan and Andrew Tai		
1415-1445	A modern tale of Orthrus: the prevention and treatment of pneumonia in children	Keith Grimwood, AU
1445-1515	Medical intervention for severe/complicated pneumonia	Adam Jaffe, AU
1515-1545	Surgical intervention for severe/complicated pneumonia	Alan Sihoe, Hong Kong



<b>Oral Presentations: Respiratory Structure and Function</b>		<b>Room E3.10</b>
1415-1545	Chairs: Peter Noble and Tsuyoshi Oguma	
1415-1440	Thunderstorm asthma – what has particle size got to do with it?	<b>Bruce Thompson</b> , AU ( <i>Featured Speaker</i> )
1440-1450	Agreement of commonly used prediction equations for spirometry interpretation in Thai people	<b>Warawut Chaiwong</b> , Sureeporn Uthaiakup, Chalerm Liwsrisakun, Chaicharn Pothirat, Thailand Abstract No. AO048
1450-1500	Non-specific ventilatory limitation: Patient characteristics, associated diagnoses and radiological changes	<b>Geak Poh Tan</b> , Gin Tsen Chai, Huiying Xu, John Arputhan Abisheganaden, Singapore Abstract No. AO049
1500-1510	Measurement of airway dimensions by 3-D CT in inflammatory bowel disease patients	<b>Suguru Majima</b> , Keiko Wakahara, Tomoko Nishio, Yoshinori Hasegawa, Japan Abstract No. AO050
1510-1520	High speed, high resolution in vivo dynamic lung imaging using a laboratory x-ray source to measure regional lung function and pulmonary vasculature	<b>Melissa Preissner</b> , I Pinar, R Carnibella, C Samarage, G Zosky, S Dubsky, H Jones, A Fouras, AU Abstract No. AO051
1520-1530	Acute cigarette smoke exposure impairs airway contraction but not relaxation in mouse precision cut lung slices	<b>Maggie Lam</b> , Venkata Allam, Maria Sukkar, Jane Bourke, AU Abstract No. AO052
1530-1545	Q&A	
<b>Oral Presentations: Bronchoscopy and Interventional Techniques</b>		<b>Room E3.9</b>
1415-1545	Chairs: Fumihiko Asano and Phan Nguyen	
1415-1425	Diagnosis of peripheral lung nodule using endobronchial ultrasound with a guide sheath and CT workstation: Preliminary study	<b>SooHyun Bae</b> , Taehoon Lee, Jong Joon Ahn, Yangjin Jegal, Kwangwon Seo, Seungwon Ra, Byungju Kang, Jinhyoung Kim, Woon-Jung Kwon, Soyeoun Lim, Su Kyung Hwang, South Korea Abstract No. AO053
1425-1435	The utility of new 25 gauge endobronchial ultrasound-guided transbronchial needle in lymph node staging	<b>Yuji Matsumoto</b> , Toshiyuki Nakai, Takaaki Tsuchida, Japan Abstract No. AO054
1435-1445	Utility of probe-based confocal laser endomicroscopy for rapid evaluation in transbronchial biopsy specimens	<b>Masao Takemura</b> , Noriaki Kurimoto, Masahiro Hoshikawa, Toshitaka Maeno, Takeshi Hisada, Takeo Inoue, Teruomi Miyazawa, Masamichi Mineshita, Japan Abstract No. AO055
1445-1455	A review of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) use at multiple centres as diagnostic guide for sarcoidosis	<b>Shu Han Emily Liu</b> , Vicky Chang, Alvin Ing, Benjamin Ng, Johnathan Williamson, AU Abstract No. AO056
1455-1505	Cryotherapy: New concept in paediatric airway disorders	<b>Mohammad Ashkan Moslehi</b> , Iran Abstract No. AO057
1505-1515	The utility of virtual fluoroscopy during transbronchial biopsy for not visible ground-glass nodules on x-ray fluoroscopy	<b>Toshiyuki Nakai</b> , Takehiro Izumo, Yuji Matsumoto, Takaaki Tsuchida, Japan Abstract No. AO058
1515-1525	Patients' experiences during flexible bronchoscopy with placebo and/or various pharmaceutical agents: A systematic review	<b>Catherine Saxon</b> , Paul Fulbrook, Kwun Fong, Chantal Ski, AU Abstract No. AO059
1525-1535	One-year outcomes of bronchial thermoplasty for severe uncontrolled asthma in Japan	<b>Motoyasu Iikura</b> , Masayuki Hojo, Naoko Nagano, Keita Sakamoto, Konomi Kobayashi, Shota Yamamoto, Masao Hashimoto, Satoru Ishii, Shinyu Izumi, Haruhito Sugiyama, Japan Abstract No. AO060
1535-1545	Q&A	



1415-1545	<b>Poster Session 1</b>	<b>Exhibition Hall</b>
1545-1615	<b>Afternoon Tea</b>	<b>Exhibition Hall</b>
1615-1745	<b>Concurrent Session: Bronchoscopy and Interventional Techniques 1</b>	<b>Darling Harbour Theatre</b>
	Session Title: Pleural disease - state of the art	
	Chairs: Martin Phillips and Jamsak Tscheikuna	
1615-1645	Pneumothorax	Pyng Lee, Singapore
1645-1715	Pleural infection	Gary Lee, AU
1715-1745	Malignant pleural effusion	Anantham Devanand, Singapore
1615-1745	<b>Concurrent Session: Cellular and Molecular Biology</b>	<b>Room C3.3</b>
	Session Title: Intrinsic and acquired cellular abnormalities in lung diseases	
	Chairs: Takahide Nagase and Jodie Simpson	
1615-1645	Macrophage dysfunction in respiratory disease	Louise Donnelly, UK
1645-1715	Autophagy in airways disease	Maria Sukkar, AU
1715-1745	A novel endosomal NOX2 oxidase inhibitor protects against influenza A virus-induced disease	Stavros Selemidis, AU
1615-1745	<b>Concurrent Session: Paediatric 2</b>	<b>Room C3.4 &amp; C3.5</b>
	Session Title: Childhood asthma - treatment and cohorts	
	Chairs: Jessie de Bruyne and Andrew Tai	
1615-1645	Greatest advances - worst mistakes	Andrew Bush, UK
1645-1715	Early life origins - what we've learnt from cohorts	Peter Le Souef, AU
1715-1745	Adolescent asthma - challenges and opportunities	Susan Sawyer, AU
1615-1745	<b>Oral Presentations: COPD 2</b>	<b>Room E3.10</b>
	Chair: Sandra Hodge and Diahn-Warng Perng	
1615-1625	Development of a new short-term lung emphysema mouse model	<b>Yu Mikami</b> , Hirotaka Matsuzaki, Kosuke Makita, Hideyuki Takeshima, Naoya Miyashita, Yasuhiro Yamauchi, Akihisa Mitani, Taisuke Jo, Takahide Nagase, Japan Abstract No. AO061
1625-1635	The effects and mechanism of alendronate for COPD animal model	<b>Jinfu Xu</b> , Wen Xu, Bo Su, China Abstract No. AO062
1635-1645	Aging related DNA methylation in peripheral blood of smokers and patients with COPD	<b>Ling Qin</b> , Chi Liu, Lin Yuan, Ruoxi He, Meichao Men, Chengping Hu, AU Abstract No. AO063
1645-1655	Abnormal M1/M2 macrophage phenotype switching occurs differentially in the small airway wall and lumen in smokers and chronic obstructive pulmonary disease (COPD)	<b>Mathew Eapen</b> , Phil Hansbro, Kielan McAlinden, Chris Ward, Tillie-Louise Hackett, Haydn Walters, Sukhwinder Singh Sohal, AU Abstract No. AO064
1655-1705	Increased upregulation of lysosomal-associated membrane protein 1 (LAMP-1) in the airway wall of COPD is associated with decreased physiological outcomes and potential role in autophagy	<b>Mathew Eapen</b> , Phil Hansbro, Elizabeth Tan, Chris Ward, Haydn Walters, Sukhwinder Singh Sohal, AU Abstract No. AO065



1705-1715	Ciliary dysfunction and respiratory epithelial ultrastructural abnormalities are features of COPD irrespective of exacerbator phenotype	<b>T S Lapperre</b> , M S Koh, S Y Low, T H Ong, C M Loo, W T Lim, J C Allen Jr, C O'Callaghan, R A Hirst, A Rutman, A Pugalenti, O M Chay, O H Teoh, Q He, S Roy, Biju Thomas, Singapore Abstract No. AOL005
1715-1725	SPARC expression in airway smooth muscle cells is regulated by the unfolded protein response and may be diminished in chronic obstructive pulmonary disease	<b>Sharon Wong</b> , Ling Chen, Brian Oliver, Matthew Padula, Maria Sukkar, AU Abstract No. AOL006

1615-1745	<b>Oral Presentations: Tuberculosis 2</b>	<b>Room E3.4</b>
Chairs: Mark Hurwiz and Mohamad Arifin Nawas		
1615-1625	Performance of different sets of single-nucleotide polymorphisms (SNP) for typing Mycobacterium tuberculosis (MTB) strains lineage and modern/ancient Beijing sublineage	<b>Kai Man Kam</b> , Dachao Liang, Choi Yin Lam, Chun Kit Wong, C Tommy Chan, King Cheung Ng, Pui Chung Chan, Shui Shan Lee, Hong Kong Abstract No. AO066
1625-1635	Study of diagnostic utility of Xpert MTB/RIF test on pleural fluid in the evaluation of patients presenting with pleural tuberculosis in nepal	<b>Deebye Raj Mishra</b> , Narendra Bhatta, Madhab Lamsal, Narayan Bhattarai, Robin Maskey, Nepal Abstract No. AO067
1635-1645	Diagnostic accuracy of two nucleic acid amplification tests for rapid diagnosis of tuberculous pleural effusion	<b>Muhammad Irfan</b> , Kauser Jabeen, Sehrish Butt, Ali Bin Sarwar Zubairi, Safia Awan, Rumina Hasan, Pakistan Abstract No. AO068
1645-1655	The correlation between Xpert MTB/RIF level category with sputum culture conversion time in drug resistant tuberculosis (TB) patients	<b>Harsini Hartono Sudarmo</b> , Jatu Aphridasari, Reviono Reviono, Yusup Subagio Sutanto, Samuel Samuel, Indonesia Abstract No. AO069
1655-1705	AFB smear M.TB on adult pulmonary TB patients with type 2 DM and without: A cross sectional study in general hospital North Jakarta Indonesia	<b>Muhammad Fachri</b> , Sahlan Abadi, Indonesia Abstract No. AO070
1705-1715	T-spot TB® test and clinical risk scores for latent tuberculosis infection diagnosis among Thai healthcare workers	<b>Waralee Aksornchindarat</b> , Napat Yodpinij, Thana Khawcharoenporn, Thailand Abstract No. AO071
1715-1725	Role of CBNAAT in the early detection of rifampicin resistance in retreatment cases of pulmonary and extrapulmonary tuberculosis	<b>Zuber Ahmad</b> , Ishma Zubair, India Abstract No. AOL007
1725-1745	Q&A	

1615-1745	<b>Oral Presentations: Respiratory Infections (Non-TB) 2</b>	<b>Room E3.8</b>
Chairs: Yong-Kek Pang and TBC		
1615-1625	A single centre, prospective, longitudinal study of the human respiratory virome after lung transplantation	<b>Alicia Mitchell</b> , Bassel Mourad, Mark Benzimra, Monique Malouf, Lucy Morgan, Brian Oliver, Allan Glanville, AU Abstract No. AO072
1625-1635	The first case of community-acquired invasive pneumonia due to K2 serotype hypervirulent Klebsiella pneumoniae in an adult patient	<b>Jun Hirai</b> , Ji Young, Daisuke Sakanashi, Hiroyuki Suematsu, Takeshi Kinjo, Shusaku Haranaga, Hiroshige Mikamo, Jiro Fujita, Japan Abstract No. AO073
1635-1645	Clinical characteristics of Corynebacterium pneumonia patients: A retrospective, single center investigation	<b>Masahiro Nemoto</b> , Masahiro Aoshima, Kei Nakashima, Yoshihito Ohtsuka, Japan Abstract No. AO074
1645-1655	Nodular bronchiectasis with positive results for serum antibody to Mycobacterium avium complex, without an early definite diagnosis of pulmonary mycobacterium-avium-complex disease	<b>Shin Sasaki</b> , Yasuharu Nakahara, Tetsuji Kawamura, Hiroaki Tukamoto, Yasuyuki Mizumori, Kohei Miyake, Yoko Yokoi, Takanori Higashino, Japan Abstract No. AO075



1655-1705	Prognostic value of a B-type natriuretic peptide in patients with pneumonia: A prospective cohort study	<b>Kento Takeshima</b> , Daisuke Usuda, Ryusho Sangen, Yuji Kasamaki, Japan Abstract No. AO076
1705-1715	Prognosis factors of <i>Pneumocystis jirovecii</i> pneumonia in non-HIV infected patients	<b>Chia-Jung Liu</b> , Chong-Jen Yu, Po-Ren Hsueh, Jung-Yien Chien, Taiwan Abstract No. 077
1715-1745	Q&A	
1615-1745	<b>Oral Presentations: Respiratory Neurobiology and Sleep</b>	<b>Room E3.9</b>
	Chairs: Yoshitaka Oku and TBC	
1615-1625	Longitudinal assessment of sleep abnormalities in patients with severe cystic fibrosis	<b>Odette Erskine</b> , AU Abstract No. AO079
1625-1635	Evidence of association between GABBR2 gene polymorphism and obstructive sleep apnea syndrome in asthma patients	<b>Elizaveta Sheludko</b> , Denis Naumov, Olesya Kotova, Juliy Perelman, Victor Kolosov, Russia Abstract No. AO080
1635-1645	Prodromal obesity hypoventilation syndrome - early detection of hypoventilation in the very obese population	<b>Sheila Sivam</b> , Keith Wong, Brendon Yee, David Wang, Ron Grunstein, Amanda Piper, AU Abstract No. AO081
1645-1655	Effects of high flow oxygen therapy on oxygen desaturation index in patients with acute ischemic stroke	<b>Nattapong Wiboonsirichai</b> , Napplika Kongpolprom, Tayard Desudchit, Chanchai Sittipunt, Thailand Abstract No. AO082
1655-1705	Regional neural control of genioglossus in wake and sleep	<b>Yizhong Zheng</b> , Peter Burke, Fiona Knapman, Elizabeth Brown, Danny Eckert, Jane Butler, Lynne Bilston, AU Abstract No. AO083
1705-1715	Assessment of soft palate muscle fatigue and its effect on velopharyngeal upper airway dynamics	<b>Wen-Yang Li</b> , Simon Gakwaya, Frederic Series, Wei Wang, China Abstract No. AO084
1715-1725	Acceptance of upper airway muscle training for treatment by obstructive sleep apnea: Results of a prospective survey	<b>Wen-Yang Li</b> , Simon Gakwaya, Frederic Series, Wei Wang, China Abstract No. AO085
1725-1745	Q&A	











**PROGRAM**



**SATURDAY**

**25**

**NOVEMBER**

# SATURDAY 25 NOVEMBER PROGRAM AT A GLANCE

0730-0845	<p><b>Sponsored Breakfast Session 1: Novartis Pharmaceuticals Australia</b> Session Title: Evolving treatment strategies in COPD: What's on the horizon? Theatrette 1, Exhibition Hall</p> <p><b>Sponsored Breakfast Session 2: Teva Pharma Australia Pty Ltd</b> Session Title: Tackling today's challenges in asthma management: Recent updates and advances Theatrette 2, Exhibition Hall</p>						
0900-1030	<p><b>Concurrent Session: Lung Cancer 2</b> Session Title: New approaches in lung cancer Darling Harbour Theatre</p> <p><b>Concurrent Session: Clinical Allergy Immunology</b> Session Title: The changing face of allergy Cockle Bay 1</p> <p><b>Concurrent Session: Clinical Respiratory Medicine / Environmental and Occupational Health</b> Session Title: The lung in a challenging environment Cockle Bay 2</p>	<p><b>Oral Presentations: Respiratory Infections (Non-TB) 3</b> Room E3.1</p> <p><b>Oral Presentations: Clinical Respiratory Medicine 2</b> Room E3.2</p> <p><b>Oral Presentations: Interstitial Lung Disease 1</b> Room E3.10</p> <p><b>Oral Presentations: COPD 3</b> Room E3.4</p>					
1030-1100	<b>Morning Tea, Exhibition Hall</b>						
1100-1200	<b>Plenary: Presidential Lecture</b> Darling Harbour Theatre						
1200-1315	<b>Lunch, Exhibition Hall</b>						



1200-1315	<p><b>Sponsored Luncheon</b>  <b>Session 1: Chiesi-Emerge Health</b>                  Session Title: Treating small airways: A step further in asthma and COPD management                  Theatre 1, Exhibition Hall</p> <p><b>Sponsored Luncheon</b>  <b>Session 2: GSK</b>                  Session Title: Respiratory medical evidence: The ins and outs of validity                  Theatre 2, Exhibition Hall</p>							
1315-1445	<p><b>Concurrent Session: Clinical Respiratory Medicine 1</b>                  Session Title: Breathlessness                  Darling Harbour Theatre</p> <p><b>Concurrent Session: Respiratory Neurobiology and Sleep 2</b>                  Session Title: Management and consequences of sleep apnea                  Cockle Bay 1</p> <p><b>Concurrent Session: Respiratory Infections (Non-TB) 1</b>                  Session Title: Bronchiectasis                  Cockle Bay 2</p> <p><b>Oral Presentations: Environmental and Occupational Health and Epidemiology</b>                  Room E3.10</p> <p><b>Oral Presentations: Clinical Allergy and Immunology / Paediatric</b>                  Room E3.4</p> <p><b>Poster Session 2</b>                  Exhibition Hall</p>							
1445-1515	<b>Afternoon Tea, Exhibition Hall</b>							
1830-1900	<b>Pre-Dinner Drinks, Ballroom Foyer</b>							
1900-2400	<b>Gala Dinner, Grand Ballroom</b>							



# SATURDAY 25 NOVEMBER DETAILED PROGRAM

0730-0845	<b>Sponsored Breakfast Session 1: Novartis Pharmaceuticals Australia</b>	<b>Theatrette 1, Exhibition Hall</b>
	Session Title: Evolving treatment strategies in COPD: What's on the horizon?	
	Chair: David Price	
0730-0735	Introduction - objectives	David Price, Singapore
0735-0755	Shaping the evolution: Key evidence driving COPD treatment strategies?	Peter Barnes, UK
0755-0810	Can we switch treatment? What's the evidence?	Wisla Wedzicha, UK
0810-0825	ICS: The right patient at the right time	David Price, Singapore
0825-0830	Summary and close	David Price, Singapore
0830-0845	Chair-led expert discussion and audience Q&A	

0730-0830	<b>Sponsored Breakfast Session 2: Teva Pharma Australia Pty Ltd</b>	<b>Theatrette 2, Exhibition Hall</b>
	Session Title: Tackling today's challenges in asthma management: Recent updates and advances	
	Chair: Helen Reddel	
0730-0740	Welcome and introduction	Helen Reddel
0740-0800	The right inhaler for the right patient: How much does it matter?	Peter Wark, AU
0800-0820	Unravelling the underlying pathologies of severe asthma	Kian Fan Chung, UK
0820-0830	Q&A session	

0900-1030	<b>Concurrent Session: Lung Cancer 2</b>	<b>Darling Harbour Theatre</b>
	Session Title: New approaches in lung cancer	
	Chairs: Chong-Kin Liam and Annette McWilliams	
0900-0930	Sorting the update on CT screening; monitoring of SPNs and GGOs	Fraser Brims, AU
0930-1000	Can sublobar resection be done as a radical resection for small-sized non-small cell lung cancer?: AJCOG strategy	Hisao Asamura, Japan
1000-1030	Monitoring patients after curative lung cancer treatments: Current guidelines and newer evidence	Emily Stone, AU

0900-1030	<b>Concurrent Session: Clinical Allergy Immunology</b>	<b>Cockle Bay 1</b>
	Session Title: The changing face of allergy	
	Chairs: Phil Hansbro and Shu Hashimoto	
0900-0930	Environmental effects on immunity and atopy/asthma risk: Lessons from Amish and Hutterite farm children	Anne Sperling, US
0930-1000	Emerging role of allergen components in food allergy diagnosis	Leung Ting Fan, Hong Kong
1000-1030	Novel immunotherapy for allergy	Jo Douglass, AU

0900-1030	<b>Concurrent Session: Clinical Respiratory Medicine / Environmental and Occupational Health</b>	<b>Cockle Bay 2</b>
	Session Title: The lung in a challenging environment	
	Chairs: Philip Bardin and Kazuhiro Yatera	
0900-0930	ET: The lung in microgravity and space	Kim Prisk, US
0930-1000	Supersize me; the effect of morbid obesity on lung function	Norbert Berend, AU



1000-1030	Lungs on a plane: Travel risk assessment in patients with cardiorespiratory disease	Leigh Seccombe, AU
0900-1030	<b>Oral Presentations: Respiratory Infections (Non-TB) 3</b>	<b>Room E3.1</b>
	Chairs: Rachel Thomson and TBC	
0900-0925	Management of pneumonia-related sepsis in the community hospital setting	John Studdard, US <b>(Featured speaker)</b>
0925-0935	Analysis of mutation associated with macrolide resistance in Bordetella pertussis in Okinawa, Japan	<b>Saifun Nahar</b> , Takeshi Kinjo, Gretchen Parrott, Daijiro Nabeya, Jiro Fujita, Japan Abstract No. AO086
0935-0945	Macrolides protect against Pseudomonas aeruginosa infection via inhibition of inflammasomes	<b>Jin-Fu Xu</b> , Li-Chao Fan, China Abstract No. AO087
0945-0955	The impact of cigarette smoke exposure on lung fibroblastic response after influenza pneumonia	<b>Sei Won Lee</b> , Young Ae Kang, Lokesh Sharma, Virginia Brady, Sang Hun Kim, Wei Liu, Min-Jong Kang, Charles Dela Cruz, South Korea Abstract No. AO088
0955-1005	Change in lung function in never-smokers with non-tuberculous mycobacterial lung disease	<b>Takehiko Kobayashi</b> , Kazunari Tsuyuguchi, Toru Arai, Taisuke Tsuji, Toshiya Maekura, Yu Kurahara, Chikatoshi Sugimoto, Shojiro Minomo, Keiko Nakao, Sayoko Tokura, Yumiko Sasaki, Seiji Hayashi, Yoshikazu Inoue, Katsuhiko Suzuki, Japan Abstract No. AO089
1005-1030	Q&A	
0900-1030	<b>Oral Presentations: Clinical Respiratory Medicine 2</b>	<b>Room E3.2</b>
	Chairs: Dushantha Madegedara Rathnayake and Lucy Morgan	
0900-0910	Non-invasive ventilation in motor neurone disease/amyotrophic lateral sclerosis: An Australasian perspective	<b>Wai Kuen Chow</b> , Alvin Ing, Dominic Rowe, NSW Abstract No. AO090
0910-0920	Clinical investigation for the efficacy of pulse oximetry capno-eye in respiratory failure patients-comparison between PaCO <sub>2</sub> , PvCO <sub>2</sub> , PtcCO <sub>2</sub> and EtCO <sub>2</sub>	<b>Shota Fujimoto</b> , Manabu Suzuki, Ritsu Ibusuki, Kentaro Tamura, Sachi Matsubayashi, Naoko Nagano, Yoshie Tsujimoto, Tamaki Kakuwa, Tomoyuki Suzuki, Keita Sakamoto, Ayako Shiozawa, Konomi Kobayashi, Shota Yamamoto, Eriko Miyawaki, Masao Hashimoto, Satoru Ishii, Eriko Morino, Jin Takasaki, Go Naka, Teruhiko Sato, Motoyasu Iikura, Shinyu Izumi, Yuichirou Takeda, Haruhito Sugiyama, Japan Abstract No. AO091
0920-0930	Obesity is an independent risk factor for obstructive sleep apnea in children	<b>Tingting Xu</b> , China Abstract No. AO092
0930-0940	Clinical course and outcome of immunoglobulin G4 related lung disease	<b>Shinhee Park</b> , Jin Woo Song, Joon Seon Song, Eun Jin Chae, Tae Jun Song, Sun Jong Kim, Myung Whan Kim, South Korea Abstract No. AO093
0940-0950	Simple pleural manometry using existing pleural drainage system: experience of two cases of pleural effusions with post-drainage unexpandable lung and pneumothorax ex vacuo	<b>Geak Poh Tan</b> , Kim Hoong Yap, Mark Chih Hsiang Tien, Gin Tsen Chai, John Arputhan Abisheganaden, Singapore Abstract No. AO094



0950-1000	Relationship of pleural fluid pH and glucose: A multi-centre study of 2971 cases	<b>Deirdre B Fitzgerald</b> , SuLyn Leong, Charley A Budgeon, Kevin Murray, Andrew Rosenstengel, Nicola Smith, Silvia Bielsa, Amelia O Clive, Nick Maskell, Jose Porcel, Y C Gary Lee, WA Abstract No. AO095
1000-1010	Assessment of US electronic medical records to guide feasibility and design of the NOVELTY study	<b>Helen Reddel</b> , Maria Gerhardsson de Verdier, Alvar Agusti, Richard Beasley, Elisabeth H Bel, Josh Hiller, Christer Janson, Aaron WC Kamauu, Barry J Make, Richard J Martin, Ian Pavord, David Price, Diana Wong, Christina Keen, Asparuh D Gardev, Stephen I Rennard, Alecka Sveréus, Aruna T Bansal, Lance Brannman, Niklas Karlsson, Javier Nuevo, Fredrik Nyberg, Xia Wang, Simon Young, Jørgen Vestbo, AU Abstract No. AO096
1010-1025	Baseline predictors of non-invasive ventilation use in amyotrophic lateral	<b>Jason Ackrivo</b> , J. Hansen-Flaschen, E.P. Wileyto, S. Kawut, L. Elman, US Abstract No. AO097 <b>(CHEST Young Investigator Award)</b>
1025-1030	Q&A	

0900-1030	<b>Oral Presentations: Interstitial Lung Disease 1</b>	<b>Room E3.10</b>
	Chairs: Paul Reynolds and Margaret Wilsher	
0900-0910	Distribution of honeycombing area using quantitative CT analysis effects the mortality in IPF	<b>Hiroaki Nakagawa</b> , Goshi Matama, Erina Tabata, Shinko Sadoyama, Shigeru Komatsu, Tae Iwasawa, Takashi Ogura, Japan Abstract No. AO098
0910-0920	Antifibrotic drug target protein (RXFP1) is expressed in idiopathic pulmonary fibrosis lungs	<b>Simon Royce</b> , Junisha Rai, Weiyi Mao, Glen Westall, Greg Snell, Chrishan Samuel, AU Abstract No. AO099
0920-0930	Bleomycin-induced lung epithelial cell injury is associated with G2/M cell cycle arrest via schlafen axis	<b>Soojin Jang</b> , Hanbyeol Lee, Jooyeon Lee, Se Min Ryu, Sung-Min Park, Kyung-Hak Lee, Seong-Joon Cho, Se-Ran Yang, South Korea Abstract No. AO100
0930-0940	Idiopathic pulmonary fibrosis in never smokers	<b>Daisuke Akahori</b> , Mikio Toyoshima, Atsuki Fukada, Takafumi Suda, Japan Abstract No. AO101
0940-0950	Japanese first guideline for the treatment of idiopathic pulmonary fibrosis 2017	<b>Sakae Homma</b> , Masashi Bando, Susumu Sakamoto, Arata Azuma, Diffuse Lung Diseases Research Group from the Ministry of Health, Labour and Welfare, Japan Abstract No. AO102
0950-1000	Eligibility for anti-fibrotic treatment in idiopathic pulmonary fibrosis (IPF) depends on the predictive equation used in pulmonary function testing	<b>Andrew Burgess</b> , Ken Goon, John Attia, Kerrin Palazzi, John Brannan, Christopher Grainge, AU Abstract No. AO103
1000-1010	Long-term nintedanib treatment in idiopathic pulmonary fibrosis (IPF)	<b>Jin Woo Song</b> , Manuel Quaresma, Mitchell Kaye, Wibke Stansen, Susanne Stowasser, Michael Kreuter, South Korea Abstract No. AO104
1010-1020	Acute exacerbation of idiopathic pulmonary fibrosis by new definition: Incidence, risk factors and outcome	<b>Jehun Kim</b> , Hee-young Yoon, Dong Soon Kim, Jin Woo Song, South Korea Abstract No. AO105
1020-1030	Association of serum KL-6 and CA15-3 levels and connective tissue disease-related interstitial pneumonia (CTD-ILD)	<b>Zijun Guo</b> , China

0900-1030	<b>Oral Presentations: COPD 3</b>	<b>Room E3.4</b>
	Chair: Peter Frith and Chin Kook Rhee	



0900-0930	Extra-pulmonary morbidities and COPD exacerbations	<b>Shigeo Muro</b> , Japan ( <i>JRS Senior Speaker</i> )
0930-0940	The prevalence of COPD in England: An ontological approach to case detection in primary care	<b>Louise Rayner</b> , Julian Sherlock, AU Abstract No. AO106
0940-0950	Feasibility analysis of nebulized budesonide used for COPD exacerbations initial treatment: A post hoc analysis of a non-interventional, retrospective, observational study	<b>Jinping Zheng</b> , Lijun Ma, Ping Chen, Mao Huang, Xuemei Ou, Yuantao Liu, Hongyan Shang, China Abstract No. AO108
0950-1000	Estimating the number of patients needed to treat (NNT) with indacaterol/glycopyrronium to prevent COPD exacerbations: Results from the FLAME study	<b>Leif Bjermer</b> , Jadwiga A Wedzicha, Nicolas Roche, Florian S. Gutzwiller, Petter Olsson, Francesco Patalano, Chau Thach, Robert Fogel, Dorothy L Keininger, Donald Banerji, UK Abstract No. AO109
1000-1010	Once-daily inhaled umeclidinium/vilanterol combination therapy compared with placebo on exacerbations in Chinese patients with COPD	<b>Jinping Zheng</b> , Aik Goh, Chunchen Huang, Xian Luo, China Abstract No. AO110
1010-1020	Effect of erdosteine on the rate of COPD exacerbations in spirometrically defined GOLD II patients	<b>Peter M. A. Calverley</b> , Clive Page, Roberto W. Dal Negro, Giovanni Fontana, Martin Iversen, Arrigo F. Cicero, Edoardo Pozzi, Jadwiga A. Wedzicha, UK Abstract No. AO111
1020-1030	Q&A	

1030-1100	<b>Morning Tea</b>	<b>Exhibition Hall</b>
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1100-1200	<b>Plenary: Presidential Lecture</b>	<b>Darling Harbour Theatre</b>
	Chairs: Michiaki Mishima and Arth Nana	
1100-1120	Lung cancer in 2017	Kwun Fong, AU
1120-1140	Seeing is believing – novel imaging techniques for understanding lung diseases	Jane Bourke, AU
1140-1200	An end game for tobacco	Matthew Peters, AU

1200-1315	<b>Lunch</b>	<b>Exhibition Hall</b>
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1200-1315	<b>Sponsored Lunchtime Session 1: Chiesi-Emerge Health</b>	<b>Theatrette 1, Exhibition Hall</b>
	Session Title: Treating small airways: A step further in asthma and COPD management	
	Chair: Jane Bourke	
1200-1220	Asthma and COPD: What is the connection with small airways?	Christine Jenkins, AU
1220-1300	Improving outcomes in asthma and COPD with an extra-fine ICS+LA-BA combination	Alberto Papi, Italy
1300-1315	Closing	

1200-1315	<b>Sponsored Lunchtime Session 2: GSK</b>	<b>Theatrette 2, Exhibition Hall</b>
	Session Title: Respiratory medical evidence: The ins and outs of validity	
	Chair: Peter Gibson	
1200-1205	Introduction	Peter Gibson, AU
1205-1230	Real life research and its relevance to respiratory medicine	Helen Reddel, AU
1230-1300	Effectiveness in everyday practice: The Salford Lung Study	David Leather, UK
1300-1315	Panel discussion and Q&A	All faculty





1315	Meeting close	
1315-1445	<b>Concurrent Session: Clinical Respiratory Medicine 1</b>	<b>Darling Harbour Theatre</b>
	Session Title: Breathlessness	
	Chairs: Chunxue Bai and Deborah Yates	
1315-1330	A teachable construct for the evaluation of the breathless patient	Matthew Peters, AU
1330-1355	CPET in the evaluation of breathlessness	Adrian Chan, Singapore
1355-1420	Pharmacological management of breathlessness in established chronic lung disease	Darcy Marciniuk, Canada
1420-1445	Pulmonary rehabilitation in chronic lung disease	Anne Holland, AU
1315-1445	<b>Concurrent Session: Respiratory Neurobiology and Sleep 2</b>	<b>Cockle Bay 1</b>
	Session Title: Management and consequences of sleep apnea	
	Chairs: Yoshitaka Oku and Bruce Thompson	
1315-1345	Associations between OSA and obesity before and following CPAP treatment or sleep duration	Kazuo Chin, Japan
1345-1415	An ambulatory approach versus hospital based approach in managing patients with suspected OSA	David Hui, Hong Kong
1415-1445	Understanding upper airway anatomy in OSA - can we predict response to oral appliances?	Peter Cistulli, AU
1315-1445	<b>Concurrent Session: Respiratory Infections (Non-TB) 1</b>	<b>Cockle Bay 2</b>
	Session Title: Bronchiectasis	
	Chairs: Yuanlin Song and Faisal Yunus	
1315-1345	Bronchiectasis in asthma and COPD	Jin-Fu Xu, China
1345-1415	Paediatric bronchiectasis in indigenous populations	Anne Chang, AU
1415-1445	Management of NTM infections	Rachel Thomson, AU
1315-1445	<b>Oral Presentations: Environmental and Occupational Health and Epidemiology</b>	<b>Room E3.10</b>
	Chairs: Anastasia Hutchinson and Agus Susanto	
1315-1325	Factors associated with pneumococcal vaccination among the elderly at elderly clubs in Miyakonojo City, Miyazaki Prefecture, Japan	<b>Akihiro Sakamoto</b> , Charnchudhi Chanyasanha, Dusit Sujirarat, Nobuhiro Matsumoto, Masamitsu Nakazato, Japan Abstract No. AO112
1325-1335	Smoking behaviour among Metro North Hospital and health services employees	<b>Mridula Mookoolall</b> , Nicola Dunn, Sheridan Hoffmann, Philip Masel, Henry Marshall, AU Abstract No. AO113
1335-1345	Vaping knowledge, attitude and practice amongst general public in Malaysia	<b>Aisya Natasya Musa</b> , Khairul Shafiq Ibrahim, Diana Katiman, Chiao Wen Lim, Johan Rizwal Ismail, Nicholas Yul Chye Chua, Rizmy Najme Khir, Effarezan Abdul Rahman, Mohd Kamal Mohd Arshad, Hafisyatul Aiza Zainal Abidin, Zubin Othman Ibrahim, Ahmad Izuanuddin Ismail, Sazzli Sahlan Kassim, Malaysia Abstract No. AO114
1345-1355	Occupational exposure to solvents and metals and fixed airflow obstruction in women	<b>Sheikh Alif</b> , Shyamali Dharmage, Geza Benke, Martine Dennekamp, John Burgess, Jennifer Perret, Caroline Lodge, Stephen Morrison, David Johns, Graham Giles, Lyle Gurrin, Paul Thomas, John Hopper, Richard Wood-Baker, Bruce Thompson, Iain Feather, Roel Vermeulen, Hans Kromhout, Haydn Walters, Michael Abramson, Melanie Matheson, AU Abstract No. AO115



1355-1405	Lung function and long-term exposure to PM <sub>10</sub> and NO <sub>2</sub> in a COPD cohort	<b>Woo Jin Kim</b> , Myoung Nam Lim, Sun-Young Kim, South Korea Abstract No. AO116
1405-1415	Elevated expression of miR-691, miR-181A, miR-146A and miR-21 involved in regulating Th1/Th2 balance with acute exposure of fine particulate matter in mice	<b>Tian-Fang Hou</b> , Guang-fa Wang, China Abstract No. AO117
1415-1425	Comparison of asbestos fiber detection methods in BAL fluid and lung tissue of rat	<b>Mirae Jang</b> , Taeyeong Kim, Min Hi Sin, Suk Joong Yong, Myoung Kyu Lee, Hyunwook Kim, Tae-Jung Kim, Seunghye Yu, Jinok Ham, Soon-Hee Jung, South Korea Abstract No. AO118
1425-1435	Circular RNA mediates silica-induced macrophage activation via HECTD1 dependent ubiquitination	<b>Zewei Zhou</b> , Rong Jiang, Huifang Guo, Xiyue Yang, Lulu Chen, Han Chu, Zhouli Cao, Wei Zhang, Honghong Yao, Jie Chao, China Abstract No. AO119
1435-1445	Q&A	

1315-1445	<b>Oral Presentations: Clinical Allergy and Immunology / Paediatric</b>	<b>Room E3.4</b>
	Chairs: Jo Douglass and Peter Le Souef	
1315-1325	Childhood asthma development in relation with perinatal and environmental factors	<b>Taehoon Lee</b> , Gina Lim, Ahra Kim, Inbo Oh, Soo-Hyun Bae, Jiho Lee, Yangho Kim, Jong Joon Ahn, South Korea Abstract No. AO120
1325-1335	The application of SIgE/SIgG4 and IFN-γ in infantile allergy march	<b>JiaYing Luo</b> , SiLe Li, BaoQing Sun, China Abstract No. AO121
1335-1345	Peanut sensitivity and allergic rhinitis at 6 years of age are associated with increased symptoms of attention deficit hyperactivity disorder and oppositional defiant disorder later in life	<b>Ho-chang Kuo</b> , Taiwan Abstract No. AO122
1345-1355	Critical evaluation of scientific content in pediatric respiratory guidelines in China	<b>Jiang Mei</b> , Sun Li-hong, Deng Fang-ge, Liao Li-yue, Sun Bao-qing, China Abstract No. AO123
1355-1405	Development of an in-vitro mucus model to evaluate the effect of magnesium on current mucolytic therapies for cystic fibrosis treatment	<b>Mariam Mamlouk</b> , Paul Young, Daniela Traini, Maliheh Ghadiri, Hui Xin Ong, Paul Robinson, AU Abstract No. AO124
1405-1415	Allergen immunotherapy might reduce basophil response in house dust mite allergic patients	<b>Mulin Feng</b> , Rundong Qin, Xiaohui Zeng, Jing Li, China Abstract No. AO125
1415-1425	Blood levels of group 2 innate lymphoid cells in children with acute wheeze	<b>Aayushi Sen</b> , S. Hussain, B. Barraclough, J. Mccarthy, D. Cousins, E. Gaillard, UK Abstract No. AOL008
1425-1445	Q&A	

1315-1445	<b>Poster Session 2</b>	<b>Exhibition Hall</b>
1445-1515	<b>Afternoon Tea</b>	<b>Exhibition Hall</b>
1830-1900	<b>Pre-Dinner Drinks</b>	<b>Ballroom Foyer</b>
1900-2400	<b>Gala Dinner</b>	<b>Grand Ballroom</b>







**PROGRAM**



**SUNDAY**

**26**

**NOVEMBER**



# SUNDAY 26 NOVEMBER PROGRAM AT A GLANCE

0830-1000	<b>Concurrent Session: COPD 2</b> Session Title: Predicting progression and therapeutic responses in COPD	<b>Concurrent Session: Clinical Respiratory Medicine</b> Session Title: Clinical cases session Cockle Bay 1	<b>Concurrent Session: Interstitial Lung Disease 2</b> Session Title: Improving diagnosis and treatment of NSIP Cockle Bay 2	<b>Oral Presentations: Asthma 2</b> Room E3.1	<b>Oral Presentations: Critical Care Medicine</b> Room E3.2	<b>Oral Presentations: Tuberculosis 3</b> Room E3.10	<b>Oral Presentations: Lung Cancer 2</b> Room E3.4
1000-1030	<b>Morning Tea, Exhibition Hall</b>						
1030-1130	<b>Plenary: Memorial Lecture: Michiyoshi Harasawa Research Award</b> Darling Harbour Theatre						
1130-1300	<b>Concurrent Session: Asthma 2</b> Session Title: Obesity, diet and asthma Darling Harbour Theatre	<b>Concurrent Session: Tuberculosis</b> Session Title: Drug-resistant TB Cockle Bay 1	<b>Concurrent Session: Critical Care 2</b> Session Title: Managing multiple organ dysfunction syndrome Room E3.4	<b>Oral Presentations: Late Breaking</b> Room E3.1	<b>Oral Presentations: Lung Cancer 3</b> Room E3.10	<b>Oral Presentations: Pulmonary Circulation</b> Room E3.4	<b>Poster Session 3</b> Exhibition Hall
1300-1400	<b>Lunch, Exhibition Hall</b>						
1400-1530	<b>Concurrent Session: Respiratory Infections (Non-TB) 2</b> Session Title: Microbiome Darling Harbour Theatre	<b>Concurrent Session: Pulmonary Circulation</b> Session Title: Current topics in mechanisms and treatment for pulmonary hypertension Cockle Bay 1	<b>Concurrent Session: Bronchoscopy and Interventional Techniques 2</b> Session Title: Applications of cryobiopsy Cockle Bay 2	<b>Oral Presentations: COPD 4</b> Room E3.1	<b>Oral Presentations: Asthma 3</b> Room E3.10	<b>Oral Presentations: Interstitial Lung Disease 2</b> Room E3.4	
1530-1600	<b>Plenary: Closing Ceremony</b> Darling Harbour Theatre						



# SUNDAY 26 NOVEMBER DETAILED PROGRAM

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SUNDAY 26 NOVEMBER DETAILED PROGRAM

0830-1000	<b>Concurrent Session: COPD 2</b>	<b>Darling Harbour Theatre</b>
	Session Title: Predicting progression and therapeutic responses in COPD	
	Chairs: Peter Barnes and Michiaki Mishima	
0830-0900	Cells and cytokines	Ian Yang, AU
0900-0930	Airway and lung imaging	Greg King, AU
0930-1000	Clinical markers	Alberto Papi, Italy
0830-1000	<b>Concurrent Session: Clinical Respiratory Medicine</b>	<b>Cockle Bay 1</b>
	Session Title: Clinical cases session	
	Chair: Thomas Mok	
0830-0850	Doctor, my back is so painful	
0850-0905	Singing myself awake	
0905-0925	Survival creates novel challenges	Thomas Mok, Hong Kong
0925-0950	Put away the binoculars	
0950-1000	Spot diagnosis	
0830-1000	<b>Concurrent Session: Interstitial Lung Disease 2</b>	<b>Cockle Bay 2</b>
	Session Title: Improving diagnosis and treatment of NSIP	
	Chairs: Arata Azuma and Chris Grainge	
0830-0910	Mini-MDT - diagnosis/imaging	Michael Jones, AU Wendy Cooper, AU Lauren Troy, AU
0910-0935	When steroids are not working; second line therapies for NSIP	Margaret Wilsher, NZ
0935-1000	Emerging understanding of NSIP	Takafumi Suda, Japan
0830-1000	<b>Oral Presentations: Asthma 2</b>	<b>Room E3.1</b>
	Chairs: Maria Sukkar and Asger Sverrild	
0830-0840	Ghrelin protects against airway eosinophilic inflammation in asthma	<b>Hironobu Tsubouchi</b> , Shigehisa Yanagi, Ayako Miura, Nobuhiro Matsumoto, Masamitsu Nakazato, Japan Abstract No. AO126
0840-0850	Obesity, defined by body mass index of no less than 25 kg/m <sup>2</sup> , is a risk factor for poor asthma control in East-Asian female populations	<b>Masako To</b> , Yuta Kono, Satoshi Yamawaki, Otohiko Katsube, Akihiro Hitani, Natsue Honda, Ichino Kano, Kosuke Haruki, Yasuo To, Japan Abstract No. AO127
0850-0900	Free fatty acid receptors 1 and 4 are novel bronchodilator targets for asthma	<b>Ralph Angeles</b> , Chantal Donovan, Jackie Micallef, Simon Royce, Jane Bourke, AU Abstract No. AO128
0900-0910	Associations between nutrient-based dietary patterns and lung function in middle-aged and older Australian adults	<b>Stephanie Byrne</b> , Elasma Milanzi, John Burgess, Michael Abramson, E Haydn Walters, David Johns, Mark Jenkins, Allison Hodge, AU Abstract No. AO129
0910-0920	Analysis of T cell-induced bronchoconstriction in murine asthma model	<b>Akio Mori</b> , Satoshi Kouyama, Miyako Yamaguchi, Chiemi Kumitani, Akemi Ohtomo-Abe, Yuto Nakamura, Yasuhiro Tomita, Yuto Hamada, Yosuke Kamide, Hiroaki Hayashi, Kentaro Watai, Chihiro Mitsui, Kiyoshi Sekiya, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma, Japan Abstract No. AO130



0920-0930	Enzyme markers of neutrophilic segment of bronchial inflammation at osmotic airway hyperresponsiveness in patients with asthma	<b>Juliy M. Perelman</b> , Aleksey B. Pirogov, Anna G. Prikhodko, Sergey V. Zinov'ev, Elena V. Ushakova, Galina A. Makarova, Victor P. Kolosov, Russia Abstract No. AO131
0930-0940	Effects of the addition of tiotropium versus montelukast on airway inflammation and remodeling in symptomatic asthma	<b>Makoto Hoshino</b> , Makoto Hoshino, Junichi Ohtawa, Kenta Akitsu, Japan Abstract No. AO132
0940-0950	Therapeutic effects of histone deacetylase enzyme 8 inhibitors (HDAC8I) in a murine asthma model	<b>Yuan Ren</b> , Xinming Su, China Abstract No. AO133
0950-1000	Q&A	

0830-1000	<b>Oral Presentations: Critical Care Medicine</b>	<b>Room E3.2</b>
	Chairs: Chong-Jen Yu and TBC	
0830-0845	Clinical difference between direct and indirect causes of acute respiratory distress syndrome: A retrospective cohort study of 216 patients	<b>Keisuke Anan</b> , K. Ichikado, K. Kawamura, M. Suga, Japan Abstract No. AO134 <b>(JRS Young Investigator)</b>
0845-0855	Efficacy of continuous blood purification on patients with severe acute pancreatitis associated acute respiratory distress syndrome	<b>Feihu Zhou</b> , Hongjun Kang, Hui Liu, Zhi Mao, Chao Liu, Pan Hu, China Abstract No. AO135
0855-0910	Ventilatory dyssynchrony in mechanically ventilated patients: Is it a problem?	<b>Peter Sottile</b> , US Abstract No. AO136 <b>(ATS Young Investigator)</b>
0910-0920	Efficacy and safety of acetazolamide for hypercapnic respiratory failure associated with metabolic alkalosis in patients with chronic obstructive pulmonary disease: A meta-analysis of randomized trials	<b>Carla Emille Barbon</b> , Abigail Ortal, Jose Eduardo Duya, Norman Maghuyop, Philippines Abstract No. AO137
0920-0930	The role of CIAP2 in avian influenza A (H7N9) induced acute lung injury through inducing RIPK1/3 -dependent necroptosis	<b>Chu Qin</b> , Tao Bian, Zheng Yan, Xiufen Qian, Yan Wu, China Abstract No. AO138
0930-0940	Induced pluripotent stem cells prevent endothelial cell leakage via TIMP-1 to reduce FAK/SNAIL pathway in sepsis-induced acute lung injury	<b>Vincent Yi-fong Su</b> , Kuang-Yao Yang, Taiwan Abstract No. AO139
0940-0950	miR-34B-5P inhibition alleviates inflammatory response and apoptosis via targeting progranulin in acute lung injury induced by lipopolysaccharide	Wang Xie, Qingchun Lu, Kailing Wang, Xia Gu, <b>Zhongliang Guo</b> , China Abstract No. AO140
0950-1000	Pleural research in intensive care (PRINCE-1) a prospective observational study of pleural effusion management	<b>Edward Fysh</b> , Portia Smallbone, Cassandra McCloskey, Brigit Roberts, Edward Litton, Kwok Ming Ho, Brad Wibrow, YC Gary Lee, AU Abstract No. AO141

0830-1000	<b>Oral Presentations: Tuberculosis 3</b>	<b>Room E3.10</b>
	Chairs: Van Giap Vu and TBC	
0830-0840	A cluster randomised controlled trial of contact investigation for the detection of tuberculosis: The ACT2 trial	<b>Greg Fox</b> , Nguyen Viet Nhung, Le Thi Nghiem Ho, Nguyen Thu Anh, Nguyen Binh Hoa, Tran Ngoc Buu, Le Thi Loi, Le Thi Nhung, Nguyen Van Hung, Pham Thi Lieu, Nguyen Kim Cuong, Jen Ho, Pham Duc Cuong, Chen Chen, Warwick J Britton, Jessica Bestrashniy, Guy Marks, AU Abstract No. AO142



0840-0850	High prevalence of latent tuberculosis infection among healthcare workers with history of contact with tuberculosis patient in high burden tuberculosis hospital	<b>Rinaldy Lubis</b> , Sardikin Giriputro, Diah Handayani, Erlina Burhan, Budhi Antariksa, Prasenohadi Pradono, Indonesia Abstract No. AO143
0850-0900	Tuberculosis disease among healthcare workers: Clinical characteristics, drug resistance and treatment outcomes in Chiang Mai University Hospital, Thailand	<b>Juthamas Inchai</b> , Chalerm Liwsrisakun Liwsrisakun, Chaiwat Bumroongkit Bumroongkit, Juntima Euathrongchit Euathrongchit, Athavudh Deesomchok Deesomchok, Theerakorn Theerakittikul Theerakittikul, Atikun Limsukon Limsukon, PattrapornTajareunmuang Tajareunmuang, Thailand Abstract No. AO144
0900-0910	Treatment outcomes of MDR-TB and referral networks in an out-patient private-initiated programmatic management for drug resistant tuberculosis (PMDT) facility	<b>Victoria Dalay</b> , Charles Yu, Jovilia Abong, Danaida Marcelo, Philippines Abstract No. AO145
0910-0920	To assess treatment outcome of multidrug resistant tuberculosis in Japan - analysis of Japan TB surveillance data	<b>Lisa Kawatsu</b> , Kazuhiro Uchimura, Akihiro Ohkado, Japan Abstract No. AO146
0920-0930	Analysis of treatment duration for multidrug resistant Tuberculosis patients in Japan	<b>Kazuhiro Uchimura</b> , Lisa Kawatsu, Akihiro Ohkado, Japan Abstract No. AO147
0930-0940	Multidrug-resistant tuberculosis treatment outcome: Tertiary center experience	<b>Syazatul Syakirin Sirol Aflah</b> , Rosmadi Ismail, Zamzurina Abu Bakar, Abdul Razak Abdul Muttalif, Malaysia Abstract No. AO148
0940-0950	Relapse of tuberculosis among patients completing treatment in Vietnam: A nested case-control study	<b>Jessica Bestrashniy</b> , Viet Nhung Nguyen , Nghiem Le Phuong Hoa, Thu Anh Nguyen , Le Thi Ngoc Anh, Nguyen Binh Hoa, Nguyen Thi Loi, Le Thi Nhung, Phan Thi Lieu, Pham Duc Cuong, Chen Chen, Guy Marks, Gregory Fox, AU Abstract No. AO149
0950-1000	Q&A	
0830-1000	<b>Oral Presentations: Lung Cancer 2</b>	<b>Room E3.4</b>
	Chairs: Fraser Brims and TBC	
0830-0840	Examination of the rate of quitting to smoke among smoker patients who underwent lung cancer operation	<b>Takaharu Kiribayashi</b> , Hironobu Nishimuta, Osahiko Hagiwara, Toru Niithuma, Kazuki Itoh, Shinya Kusachi, Japan Abstract No. AO150
0840-0850	Update from the Lungscreen WA project – a feasibility study of low-dose CT lung cancer screening of high-risk ever smokers in Australia	<b>Kuan Pin Lim</b> , David Manners, Brendan Adler, Stephen Melsom, Edward Harris, Fraser Brims, Annette McWilliams, AU Abstract No. AO151
0850-0900	Protocol for the international lung screen trial (ILST): A cohort study to define LDCT screening selection criteria and validate the pancan nodule management algorithm	<b>Kuan Pin Lim</b> , Fraser Brims, Annette McWilliams, Martin Tammemägi, Christine Berg, Henry Marshall, Emily Stone, Renee Manser, Karen Canfell, Luke Connelly, John Yee, Kwun Fong, Stephen Lam, AU Abstract No. AO152
0900-0910	Prediction modeling using routine clinical parameters to stratify survival in mesothelioma patients undergoing surgery	<b>Edward Harris</b> , Steven Kao, Takashi Nakano, Nobuyuki Kondo, Anna Nowak, Fraser Brims, AU Abstract No. AO153
0910-0920	Lung cancer in the eastern part of Libya	<b>Khalid A Gaber</b> , Sharif A Mansur, Mohamed A Hamedh, Rehab Shembesh, Heba Abdelhalim, Libya Abstract No. AO154





0920-0930	A rare case of concomitant medullary thymoma with multidrug-resistant tuberculosis	<b>Achmad Gozali</b> , Sita Laksmi Andarini, Priyanti Z Soepandi, Elisna Syahrudin, Budhi Antariksa, Indonesia Abstract No. AO155
0930-0940	Combined use of a laryngeal mask airway during extubation reduces the incidence of postoperative pulmonary fistula in patients undergoing lung cancer surgery	<b>Hikaru Watanabe</b> , Isamu Watanabe, Naoki Kanauchi, Japan Abstract No. AO156
0940-0950	Comparison of re-biopsy successful rate among procedures and sequential change of EBUS image	Yuka Komatsubara, <b>Kei Morikawa</b> , Teppei Inoue, Mariko Okamoto, Masamichi Mineshita, Japan Abstract No. AO157
0950-1000	Q&A	

1000-1030	<b>Morning Tea</b>	<b>Exhibition Hall</b>
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1030-1130	<b>Plenary: Memorial Lecture: Michiyoshi Harasawa Research Award</b>	<b>Darling Harbour Theatre</b>
	Chair: Gary Lee	
1030-1035	Introduction	
1035-1120	Respiratory research using cellular, molecular and physiologic approaches	Takahide Nagase, Japan
1120-1130	Award presentation	

1130-1300	<b>Concurrent Session: Asthma 2</b>	<b>Darling Harbour Theatre</b>
	Session Title: Obesity, diet and asthma	
	Chairs: Norbert Berend and Vanessa Murphy	
1130-1200	Asthma, health literacy and Māori	Tristram Ingham, NZ
1200-1230	Obesity in severe asthma - cause or co-morbidity?	Celeste Porsbjerg, Denmark
1230-1300	Obesity and asthma: Investigating the roles of diet, exercise and adiposity	Hayley Scott, AU

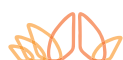
1130-1300	<b>Concurrent Session: Tuberculosis</b>	<b>Cockle Bay 1</b>
	Session Title: Drug-resistant TB	
	Chairs: Arth Nana and Jennifer Ann Mendoza-Wi	
1130-1200	Impact assessment of the roll-out of new TB diagnostics	Charles Yu, Philippines
1200-1230	MDR TB new TB regimens	Erlina Burhan, Indonesia
1230-1300	Systems solutions to resistance development	Greg Fox, AU

1130-1300	<b>Concurrent Session: Critical Care 2</b>	<b>Room E3.4</b>
	Session Title: Managing Multiple Organ Dysfunction Syndrome	
	Chairs: Lucy Morgan and Rex Yung	
1130-1150	Using ultrasound to optimise fluid management in MODS	Suthaporn Lumlertgul, Thailand
1150-1210	Optimal management of nutrition acutely and in recovery	Hayden White, AU
1210-1230	Muscle wasting and weakness in ICU: causes, mitigation, management	Linda Denehy, AU
1230-1300	Optimising post-ICU rehabilitation	Marc Moss, US



1130-1300	<b>Oral Presentations: Late Breaking</b>	<b>Room E3.1</b>
	Chairs: Simon Royce and TBC	
1130-1140	Airway closure and rate of derecruitment measured by the forced oscillation technique is elevated in subjects with asthma	<b>Kris Nilsen</b> , Frank Thien, Bruce Thompson, AU Abstract No. AOL009
1140-1150	Forced oscillation technique as a predictor of exercise tolerance in COPD	<b>Akito Yamamoto</b> , Japan Abstract No. AOL010
1150-1200	Assessing direct switch to indacaterol/ glycopyrronium from salmeterol/fluticasone in moderate to severe symptomatic COPD patients: The FLASH study	<b>Dina Diaz</b> , Peter Frith, Samiha Ashmawi, Srikanth Krishnamurthy, Alev Gurgun, Peggy Hours-Zesiger, Sashka Hristoskova, Virginia Pilipovic, AU Abstract No. AOL011
1200-1210	A novel quantitative-CT/ FEV <sub>1</sub> approach of phenotyping COPD to predict mortality	<b>Li Cher Loh</b> , Choo Khoon Ong, Hyun Jung Koo, Sang Min Lee, Jae Seung Lee, Yeon Mok Oh, Joon Beom Seo, Sang Do Lee, Malaysia Abstract No. AOL012
1210-1220	RESPECT-Meso: An international multicentre non-blinded randomized controlled trial to assess the impact of regular early specialist palliative care in malignant pleural mesothelioma	<b>Fraser Brims</b> , Samal Guntilake, Iain Lawrie, Laura Marshall, Carole Fogg, Nick Maskell, Karen Forbes, Najib Rahman, Stephen Morris, Stephen Gerry, Anoop Chauhan, AU Abstract No. AOL013
1220-1230	Prevalence and comorbidities of obstructive sleep apnoea in the Busselton healthy ageing study (BHAS)	<b>Jordan Cunningham</b> , Alan James, Matthew Knuiman, Bhajan Singh, Kevin Murray, Michael Hunter, AU Abstract No. AOL014
1230-1300	Q&A	

1130-1300	<b>Oral Presentations: Lung Cancer 3</b>	<b>Room E3.10</b>
	Chairs: Not confirmed at time of printing	
1130-1140	Common and uncommon EGFR mutations analysis in cytology and plasma samples of treatment-naive lung cancer patients	<b>Najmiatul Masykura</b> , Muhammad Yunus, Refniwita Yusril, Jamal Zaini, Sita Laksmi Andarini, Achmad Hudoyo, Elisna Syahrudin, Ruth Sembiring, Heriawaty Hidajat, Grace Widjajahakim, Sony Suharsono, Ahmad Utomo, Indonesia Abstract No. AO158
1140-1150	KRAS mutation in EGFR wild type Indonesian lung cancer patient	<b>Najmiatul Masykura</b> , Bela Haifa Kharunisa, Jamal Zaini, Sita Laksmi Andarini, Achmad Hudoyo, Elisna Syahrudin, Heriawaty Hidajat, Grace Widjajahakim, Ahmad Utomo, Indonesia Abstract No. AO159
1150-1205	Risk in high-risk populations: Moving CT screening beyond the search for a potential lung cancer	<b>Matthew Kinsey</b> , JHT Bates, GR Washko, RSJ Estepar, US Abstract No. AO160 <i>(ATS Young Investigator)</i>
1205-1215	Importance of the preoperative neutrophil/lymphocyte ratio and prognostic nutritional index for pathological-stage I lung cancer patients	<b>Isamu Watanabe</b> , Naoki Kanauchi, Hikaru Watanabe, Japan Abstract No. AO161
1215-1225	Serum CEA and CYFRA responses as prognostic factors in advanced non-small cell lung cancer patients	<b>Akihiro Yoshimura</b> , Koichi Hasegawa, Ayaka Omura, Ryosuke Hamashima, Sayaka Uda, Taisuke Tsuji, Shinsuke Shiotsu, Tatsuya Yuba, Chieko Takumi, Noriya Hiraoka, Japan Abstract No. AO162



1225-1235	PD-L1 TPS analysis in real-world clinical practice: Evaluation of specimens obtained by respiratory endoscopic biopsy	<b>Midori Tanaka</b> , Hidehito Horinouchi, Yuji Matsumoto, Toshiyuki Nakai, Takaaki Tsuchida, Shuji Murakami, Yasushi Goto, Shintaro Kanda, Yutaka Fujiwara, Noboru Yamamoto, Noriko Motoi, Yuichiro Ohe, Japan Abstract No. AO163
1235-1250	The efficacy and safety of carboplatin and weekly paclitaxel combination therapy for previously treated small cell lung cancer patients with interstitial lung disease	<b>Ryo Itotani</b> , S. Marumo, M. Uyama, Y. Hayashi, H. Amimoto, Y. Shiraishi, A. Kotani, R. Hara, H. Yamaki, H. Shima, M. Shirata, T. Kitajima, D. Inoue, Y. Katayama, M. Fukui, Japan Abstract No. AO164 <b>(JRS Young Investigator)</b>
1250-1300	Q&A	

1130-1300	<b>Oral Presentations: Pulmonary Circulation</b>	<b>Room E3.4</b>
Chairs: Masayuki Hanaoka and Edmund Lau		
1130-1140	Two cases of pulmonary hypertension associated with chronic myeloproliferative disorders	<b>Minoru Inomata</b> , Mari Tone, Kensuke Fukuda, Masashi Sakayori, Nobuyasu Awano, Keisuke Kondoh, Ryu Ono, Yu Abe, Kensuke Suzuki, Takehiro Izumo, Toshio Kumasaka, Tamiko Takemura, Soichiro Ikushima, Japan Abstract No. AO165
1140-1150	TNF- $\alpha$ increases vasoreactivity of intrapulmonary arteries in mouse precision cut lung slices	<b>Emma Lamanna</b> , Claudia Nold, Jane Bourke, AU Abstract No. AO166
1150-1200	Dynamic changes of macrophage M1/M2 polarization in monocrotaline-induced pulmonary arterial hypertension	<b>Yong Fan</b> , Yanjie Hao, Lan Gao, Guangtao Li, Wei Zhou, Zhuoli Zhang, China Abstract No. AO167
1200-1210	Bio-distribution of EPCs in disease and the potential role of exosomes in cell therapy for pulmonary vascular diseases	<b>Rebecca Harper</b> , Suzanne Maiolo, Michaelia Cockshell, Claudine Bonder, Paul Reynolds, AU Abstract No. AO168
1210-1220	Real-life versus clinical trial patients in pulmonary arterial hypertension: An analysis from the PHSANZ registry	<b>Nicole Roche</b> , C Corrigan, G Strange, D Celermajer, J Wrobel, K Whyte, E Kotlyar, J Feenstra, F Kermeen, T Williams, A Keogh, E Lau, AU Abstract No. AO169
1220-1230	Outcomes of idiopathic pulmonary arterial hypertension in the era of combination therapy: A report from the PHSANZ registry	<b>Jamal Al-aghbari</b> , Eleni Giannoulatou, Carolyn Corrigan, Geoff Strange, David Celermajer, Jeremy Wrobel, Ken Whyte, Kotlyar Eugene, Nathan Dwyer, John Feenstra, Fiona Kermeen, Trevor Williams, Anne Keogh, Edmund Lau, AU Abstract No. AO170
1230-1240	Long-term follow-up in serum brain natriuretic peptide after pulmonary lobectomy for lung cancer	<b>Mitsuhiro Kamiyoshihara</b> , Hitoshi Igai, Takashi Ibe, Fumi Ohsawa, Ryohei Yoshikawa, Japan Abstract No. AO171
1240-1255	Neutrophil-to-lymphocyte ratio (NLR) and platelet-to-lymphocyte ratio (PLR) as predictive markers for DVT	<b>Jason Mouabbi</b> , S. Szpunar; L. Saravolatz, Z. Kafri, T. Hadid, US Abstract No. AO172 (CHEST Speaker)
1255-1300	Q&A	

1130-1300	<b>Poster Session 3</b>	<b>Exhibition Hall</b>
1300-1400	<b>Lunch</b>	<b>Exhibition Hall</b>



1400-1530	<b>Concurrent Session: Respiratory Infections (Non-TB) 2</b>	<b>Darling Harbour Theatre</b>
	Session Title: Microbiome	
	Chairs: Jane Bourke and Ki-Suck Jung	
1400-1430	What is the microbiome and how is it assessed?	Phil Hansbro, AU
1430-1500	Dietary metabolites and novel GPCRs for asthma pathogenesis	Charles Mackay, VIC
1500-1530	Prediction of asthma and COPD using blood microbiome analysis	Yoon-Keun Kim, Sth Korea
1400-1530	<b>Concurrent Session: Pulmonary Circulation</b>	<b>Cockle Bay 1</b>
	Session Title: Current topics in mechanisms and treatment for pulmonary hypertension	
	Chairs: Hiroshi Kimura and Edmund Lau	
1400-1430	Molecular mechanisms and novel treatment strategies for PAH	Rebecca Harper, AU
1430-1500	Current status of diagnosis and treatment for PAH in Japan	Yuichi Tamura, Japan
1500-1530	Present status and issues for treating PH associated with respiratory diseases	Yoshiteru Morio, Japan
1400-1530	<b>Concurrent Session: Bronchoscopy and Interventional Techniques 2</b>	<b>Cockle Bay 2</b>
	Session Title: Applications of cryobiopsy	
	Chairs: Phan Nguyen and Lauren Troy	
1400-1410	Introduction to cryobiopsy	Jonathan Williamson, AU
1410-1420	Cryobiopsy for central endobronchial lesions	Alvin Ing, AU
1420-1430	Radial EBUS guided cryobiopsy for peripheral lesions	Taj Saghaie, AU
1430-1500	Cryobiopsy in ILD	Venerino Poletti, Italy
1500-1530	Cryobiopsy for pleural pathology	Martin Phillips, AU
1400-1530	<b>Oral Presentations: COPD 4</b>	<b>Room E3.1</b>
	Chairs: Sheree Smith and TBC	
1400-1410	The prevalence of reduced TLCO and the emphysema index in smokers with normal spirometry	<b>Timothy Cheung</b> , Vicki Papanikolaou, Paul Finlay, Ken Lau, Theresa Yong, Martin Macdonald, Philip Bardin, Paul King, AU Abstract No. AO173
1410-1420	Spirometric indices do not detect mismatch between ventilation and perfusion in COPD	<b>Marika Bajc</b> , Jun Wang, Chang zheng Wang, Ari Lindqvist, Xiao Yan He, Sweden Abstract No. AO174
1420-1430	Muscle echo intensity correlates with physical activity in patients with stable COPD	<b>Kazuki Okura</b> , Masahiro Iwakura, Kazuyuki Shibata, Atsuyoshi Kawagoshi, Keiyu Sugawara, Hitomi Takahashi, Ikuko Wakabayashi, Mitsunobu Homma, Takanobu Shioya, Japan Abstract No. AO175
1430-1440	Study of sarcopenia in patients with chronic obstructive pulmonary disease	<b>Hiroyuki Ohbayashi</b> , Sahori Kudo, Mitsue Ariga, Jyunko Kato, Kunihiro Ohta, Masayuki Ohnishi, Japan Abstract No. AO176
1440-1450	Home-based rehabilitation for COPD using minimal resources: An economic evaluation	<b>Angela Burge</b> , Anne Holland, Christine McDonald, Catherine Hill, Annemarie Lee, Narelle Cox, Rosemary Moore, Caroline Nicolson, Aroub Lahham, Rebecca Gillies, Michael Abramson, Ajay Mahal, AU Abstract No. AO177
1450-1500	Increasing light physical activity and decreasing sedentary time in people with chronic obstructive pulmonary disease – a preliminary study	<b>Janet Larson</b> , She'Lon Tucker, Diane Buckery, US Abstract No. AO178

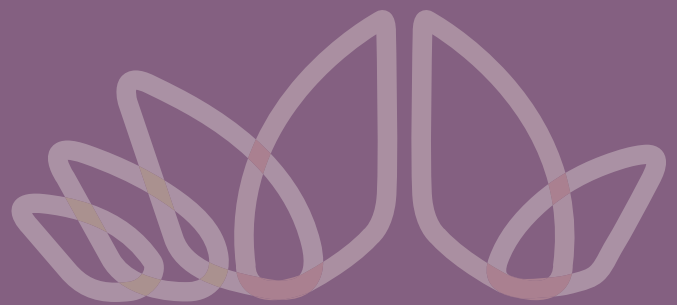


1500-1510	Quantitative evaluation of a novel self-management education program for COPD in the context of multi-morbidity	<b>Sameera Ansari</b> , Hassan Hosseinzadeh, Sarah Dennis, Nicholas Zwar, AU Abstract No. AO179
1510-1520	Do Australian community pharmacists have a role in COPD case finding?	<b>Mariam Fathima</b> , AU Abstract No. AOL015
1520-1530	Q&A	
1400-1530	<b>Oral Presentations: Asthma 3</b>	<b>Room E3.10</b>
	Chairs: Kang-Yun Lee and TBC	
1400-1415	Identifying a novel therapeutic strategy for asthma: Targeting airway epithelial cell restitution	<b>Thomas Iosifidis</b> , E.E. Gill, A.H. Lee, A.G. Buckley, E.N. Sutanto, K.M. Ling, L.W. Garratt, K. Looi, E. Kicic-Starcevic, K.M. Martinovich, N.C. Shaw, S.T. Montgomery, F.J. Lannigan, P.J. Rigby, R.E.W. Hancock, D.A. Knight S.M. Stick, A. Kicic, AU Abstract No. AO180 <b>(TSANZ Young Investigator)</b>
1415-1425	A novel peptide from the liver fluke <i>Fasciola hepatica</i> inhibits the mixed granulocytic airway inflammation in a mouse model of allergic asthma	<b>Venkata Sita Rama Raju Allam</b> , Akane Tanaka, John Dalton, Maria Sukkar, Sheila Donnelly, AU Abstract No. AO181
1425-1435	The role of mitochondrial fusion in the pathogenesis of severe asthma with fungal sensitization	<b>So Ri Kim</b> , Yong Chul Lee, Hae Jin Park, Kyung Bae Lee, Jae Jun Heo, South Korea Abstract No. AO182
1435-1445	Airway epithelial phosphoinositide 3-kinase delta contributes to the modulation of fungi-induced innate immune response	<b>Yong Chul Lee</b> , So Ri Kim, Jae Seok Jeong, Kyung Bae Lee, Hae Jin Park, Jong Hwan Woo, South Korea Abstract No. AO183
1445-1455	House dust mite directly induces free radical production and DNA damage, and weakens antioxidant defense in human bronchial epithelial cells	<b>Wai Shiu Fred Wong</b> , W.S. Daniel Tan, Hong Yong Peh, Tze Khee Chan, Singapore Abstract No. AO184
1455-1505	Efferocytosis of apoptotic granulocytes by monocyte-derived macrophages in adults with asthma	<b>Melanie Erriah</b> , Kavita Pabreja, Katherine J Baines, Michael Fricker, Louise E Donnelly, Jodie L Simpson, AU Abstract No. AO185
1505-1515	TWEAK and TGF- $\beta$ induced chemokine production in human bronchial epithelial cells during epithelial mesenchymal transition	<b>Kei Matsuno</b> , Norihiro Harada, Tomohito Takeshige, Sonoko Harada, Ayako Ishimori, Yuki Tanabe, Hitoshi Sasano, Ai Nakamura, Yoko Katsura, Fumihiko Makino, Jun Ito, Ryo Atsuta, Hisaya Akiba, Kazuhisa Takahashi, Japan Abstract No. AO186
1515-1525	Identification of novel genetic regulations of asthmatic airway epithelium, using next-generation sequencing data and bioinformatics approaches	<b>Chau-Chyun Sheu</b> , Ming-Ju Tsai, Feng-Wei Chen, Kuo-Feng Chang, Wei-An Chang, Inn-Wen Chong, Po-Lin Kuo, Ya-Ling Hsu, Taiwan Abstract No. AO187
1525-1530	Q&A	
1400-1530	<b>Oral Presentations: Interstitial Lung Disease 2</b>	<b>Room E3.4</b>
	Chairs: Not confirmed at time of printing	
1400-1410	Clinicopathological characteristics of pulmonary-limited vasculitis	<b>Sakae Homma</b> , Yusuke Usui, Aika Suzuki, Susumu Sakamoto, Japan Abstract No. AO188
1410-1420	Increased concentration of B cell activating factors in the patients with autoimmune pulmonary alveolar proteinosis	<b>Masaki Hirose</b> , Akiko Matsumuro, Toru Arai, Chikatoshi Sugimoto, Yoshikazu Inoue, Japan Abstract No. AO189



1420-1430	Serum levels of anti-GM-CSF autoantibody reflected disease severity of autoimmune pulmonary alveolar proteinosis followed up for long-term	<b>Akiko Matsumuro</b> , Masaki Hirose, Toru Arai, Chikatoshi Sugimoto, Masanori Akira, Yoshikazu Inoue, Japan Abstract No. AO190
1430-1440	Evaluation for the therapeutic response by using a quantitative computed tomographic method in pulmonary alveolar proteinosis	<b>Miku Oda</b> , Haruyuki Ishii, Masayuki Hojo, Keiichi Akasaka, Ryushi Tazawa, Koh Nakata, Hajime Takizawa, Japan Abstract No. AO191
1440-1450	The diagnosis of idiopathic interstitial pneumonias in a real world; nationwide surveillance in Japan	<b>Yoshikazu Inoue</b> , Japan Abstract No. AO192
1450-1505	Long-term clinical course of unclassifiable idiopathic interstitial pneumonia diagnosed by surgical lung biopsy	<b>Erina Tabata</b> , Ryo Okuda, Eri Hagiwara, Tamiko Takemura, Goshi Matama, Shinko Sadoyama, Hiroaki Nakagawa, Shigeru Komatsu, Tae Iwasawa, Takashi Ogura, Japan Abstract No. AO193 <b>(JRS Young Investigator)</b>
1505-1515	Chloromethylisothiazolinone and methylisothiazoline induces lung epithelial cell damage and inflammatory responses in mouse lung	<b>Jooyeon Lee</b> , Hanbyeol Lee, Soojin Jang, Se-Min Ryu, Seong-Min Park, Kyeong-Hak Lee, Seong-Joon Cho, Se-Ran Yang, South Korea Abstract No. AO194
1515-1525	MUC4 variable number tandem repeat polymorphisms and severe lung injury	<b>Jun Shiihara</b> , Hiromitsu Ohta, Fumiaki Kudo, Chihiro Miwa, Yoshiko Mizushina, Fumiyoshi Ohyanagi, Shinichiro Koyama, Kouichi Hagiwara, Japan Abstract No. AO195
1525-1530	Q&A	

1530-1600 **Plenary: Closing Ceremony****Darling Harbour Theatre**



# POSTER SESSIONS

FRIDAY 24 NOVEMBER TO SUNDAY 26 NOVEMBER

# FRIDAY 24 NOVEMBER

## POSTER SESSION 1

1415 - 1545

24th  
SESSION 1

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<b>Asthma 1</b>		
Chairs: Peter Holmes, Thomas Iosifidis, Ying-Tung Liu and Jodie Simpson		
ESTABLISHMENT OF AN EOSINOPHILIC BRONCHITIS MOUSE MODEL	Liyan Chen	AP001
EFFECTS OF RAPAMYCIN ON AIRWAY INFLAMMATION IN A MOUSE MODEL OF ASTHMA IN REMISSION	Hualiang Jin	AP002
JIAN-PI-YI-QI FORMULAE ATTENUATE AIRWAY INFLAMMATION IN A CHRONIC MOUSE MODEL OF ASTHMA VIA SUPPRESSION OF MTORC1 PATHWAY	Hualiang Jin	AP003
EFFECT OF HISTONE DEACETYLASE ENZYME 8 INHIBITOR (HDAC8I) ON SOCS3 EXPRESSION IN AN ACUTE MURINE ASTHMA MODEL	Menglu Li	AP004
THERAPEUTIC EFFECTS OF HDAC8 SPECIFIC INHIBITOR PCI-34051 IN ACUTE ASTHMATIC MICE AND ITS EFFECT ON GALECTIN-3	Menglu Li	AP005
COMPARATIVE STUDY OF ACUTE AND CHRONIC MURINE ASTHMA MODEL IN THE PATHOGENESIS OF ASTHMA	Yuan Ren	AP006
EFFECTS OF ASTRAGALOSIDE IV ON TH2 RESPONSE IN ALLERGIC ASTHMA IN VIVO AND VITRO	Hualiang Jin	AP007
CHITIN-INDUCED AIRWAY INFLAMMATION AND PRODUCTION OF PROSTAGLANDIN E2	Tomohito Takeshige	AP008
NINTEDANIB AMELIORATED AIRWAY REMODELING BY INHIBITING ANGIOGENESIS OF BRONCHIAL VESSELS	Kim Kyu Yean	AP009
SERUM TENASCIN-C LEVELS IN PATIENTS WITH ASTHMA	Norihiro Harada	AP010
SERUM MASPIN AS A BIOMARKER FOR AIRWAY OBSTRUCTION IN ASTHMA	Bomi Seo	AP011
ASSOCIATION BETWEEN LIPID PROFILE AND RISK OF ASTHMA: A META-ANALYSIS AND SYSTEMIC REVIEW	Xinming Su	AP012
INTERRELATION BETWEEN EXERCISE-INDUCED BRONCHOCONSTRICTION AND LIPID PEROXIDATION IN THE AIRWAYS IN PATIENTS WITH ASTHMA	Juliy Perelman	AP013
USE OF FENO BREATH TEST AS A BIOMARKER IN MANAGEMENT OF 294 CHRONIC COUGH OR DYSPNOEIC PATIENTS IN A SPECIALIST CLINIC IN HONG KONG	Chu Leuk Lau	AP014
THE IMPACT OF EXHALED NITRIC OXIDE MEASUREMENTS IN THE SPECIALIST OUTPATIENT SETTING	Greta Devane	AP015
SYMPTOMS CONTRIBUTING TO THE DIAGNOSIS OF ASTHMA IN SUBACUTE OR CHRONIC COUGH PATIENTS WITH LOW LEVELS OF FRACTIONAL EXHALED NITRIC OXIDE	Yuko Katayama	AP016
OXIDANT/ANTIOXIDANT STATUS IN PATIENTS WITH BRONCHIAL ASTHMA	Keitaro Nakamoto	AP017
METEORIN AS A BIOMARKER TO PREDICT ASTHMA SEVERITY	Hyo-Jung Kim	AP018
THE ROLE OF $\alpha$ 2-MACROGLOBULIN IN THE FORMATION OF COLD AIRWAY HYPERRESPONSIVENESS IN ASTHMA PATIENTS	Juliy M. Perelman	AP019
TRPM8 POLYMORPHISMS INTERACTION IN THE DEVELOPMENT OF PREDISPOSITION TO ASTHMA PHENOTYPE WITH COLD-INDUCED AIRWAY HYPERRESPONSIVENESS	Denis Naumov	AP020
EFFECT OF TRPM8 SINGLE NUCLEOTIDE POLYMORPHISM AND SMOKING ON THE DEVELOPMENT OF SEVERE BRONCHIAL OBSTRUCTION IN PATIENTS WITH ASTHMA	Denis Naumov	AP021
ASSOCIATION BETWEEN THE GLCCI1 VARIANT AND RESPONSE TO INHALED CORTICOSTEROIDS IN SOUTH VIETNAMESE ASTHMATICS	Hai Thanh Ngo Nguyen	APL001
FLOW CYTOMETRIC ANALYSIS OF INDUCED SPUTUM TO EVALUATE EOSINOPHILIC INFLAMMATION	Keiko Wakahara	AP022
ASTHMA DIAGNOSIS, CONTROL,PREVENTER USE AND ACTION PLAN USAGE IN PATIENTS WITH EPIDEMIC THUNDERSTORM ASTHMA	Laurence Ruane	AP023





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ASSESSMENT OF KNOWLEDGE OF APPROPRIATE USE OF METERED DOSE INHALER AND DRY POWDER INHALER AMONG PHARMACY STUDENTS USING SIMULATED PATIENT APPROACH: A CLINICAL PHARMACIST-LED INTERVENTION	Mohd Arif Mohd Zim	AP025
CHANGING ICS/LABA THERAPY FROM DPI TO PMDI: AN OBSERVATIONAL STUDY ON ASTHMA COST OUTCOMES IN SOUTH KOREA	David Price	AP026
A DRUG UTILIZATION SURVEILLANCE STUDY TO ASSESS THE CLINICAL IMPACT OF DIGITAL DOSE COUNTER PMDIS IN NEWLY DIAGNOSED PATIENTS WITH BRONCHIAL ASTHMA: DUSS SUBGROUP ANALYSES	Randeep Guleria	AP027
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THE RADIOLOGICAL CLASSIFICATIONS OF ALLERGIC BRONCHOPULMONARY ASPERGILLOSIS CLOSELY RELATED WITH CLINICAL MANIFESTATIONS	Jin-Fu Xu	AP030
THE RELATIONSHIPS BETWEEN ATOPY AND METABOLIC CONDITIONS IN THE ELDERLY: RETINOL BINDING PROTEIN-4 HAS A ROLE?	Byung-Keun Kim	AP031
COMPARISON OF IMMUNOCAP AND IMMULITE 2000 IN DIAGNOSTIC PERFORMANCES	Sang Chul Lee	AP032
THE EFFECT OF MEPOLIZUMAB TREATMENT IN PATIENTS WITH SEVERE ASTHMA	Yuuki Sandhu	AP033
PREVALENCE OF COMORBIDITIES AMONG COPD PATIENTS IN CENTRAL SRI LANKA- A DESCRIPTIVE STUDY	Dushantha Madegedara	AP034
<b>COPD 1</b>		
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THE PREVALENCE OF GASTRO-OESOPHAGEAL REFLUX DISEASE IN A COHORT OF PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN SRI LANKA: A PRELIMINARY EVALUATION.	Channa Ranasinha	AP035
PRELIMINARY STUDY OF REFLUX ESOPHAGITIS AMONG STABLE COPD AT PERSAHABATAN HOSPITAL JAKARTA, INDONESIA	Muhammad Hafiz	AP036
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PREVALENCE OF RIGHT VENTRICULAR DYSFUNCTION AMONG STABLE COPD PATIENT IN PERSAHABATAN NATIONAL RESPIRATORY CENTER HOSPITAL: A PRELIMINARY STUDY	Harry Akza Putrawan	AP039
PULMONARY ARTERIAL ENLARGEMENT DURING EXACERBATION OR PNEUMONIA AND ITS ASSOCIATION WITH CLINICAL INDICES OF ACUTE AND STABLE STAGE IN COPD	Kojiro Otsuka	AP040
THE INCIDENCE AND RISK FACTORS OF ATRIAL FIBRILLATION IN ASIAN CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS.	Kuang Ming Liao	AP041
IMPACT OF AIRFLOW LIMITATION ON RECURRENCE OF VENOUS THROMBOEMBOLISM AMONG PATIENTS WITH PULMONARY EMBOLISM	Sun Hye Shin	AP042
AIRFLOW LIMITATION IN PREOPERATIVE PATIENTS WITH THORACIC SURGERY	Tsutomu Takaki	AP043
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PREVALENCE OF BRONCHIECTASIS AMONG COPD PATIENTS IN CENTRAL SRI LANKA	Dushantha Madegedara	AP045
LONGITUDINAL TRAJECTORY OF SEXUAL FUNCTION IN MEN WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE	Jaeyong Yoo	AP046



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DIFFERENT IMPACT OF RESPIRATORY SYMPTOMS AND COMORBIDITIES ON COPD-SPECIFIC HEALTH-RELATED QUALITY OF LIFE BY COPD SEVERITY	Hye Yun Park	AP047
A SELF- MANAGEMENT PROGRAMME OF RESCUE PACK FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) PATIENTS	Ming Ming Matthew Fu	AP048
HAND GRIP STRENGTH IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE	Hyeon-Kyoung Koo	AP049
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RELATIONSHIP BETWEEN FEV1 AND 6MWD (SIX-MINUTE WALK DISTANCE) ON DYSPNEA SCORE AND FUNCTIONAL STATUS IN COPD AT UTTARADIT HOSPITAL	Weravut Mingkuan	AP055
EVALUATION OF GAIT SYMMETRY AND THE CENTER OF MASS DISPLACEMENT BY A TRUNK ACCELERATION DURING WALKING IN COPD PATIENTS	Yoshino Terui	AP056
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THE RELATIONSHIP BETWEEN CAP1 AND ITS BIOLOGICAL CHARACTERISTICS IN LUNG CANCER	Changhui Wang	AP067
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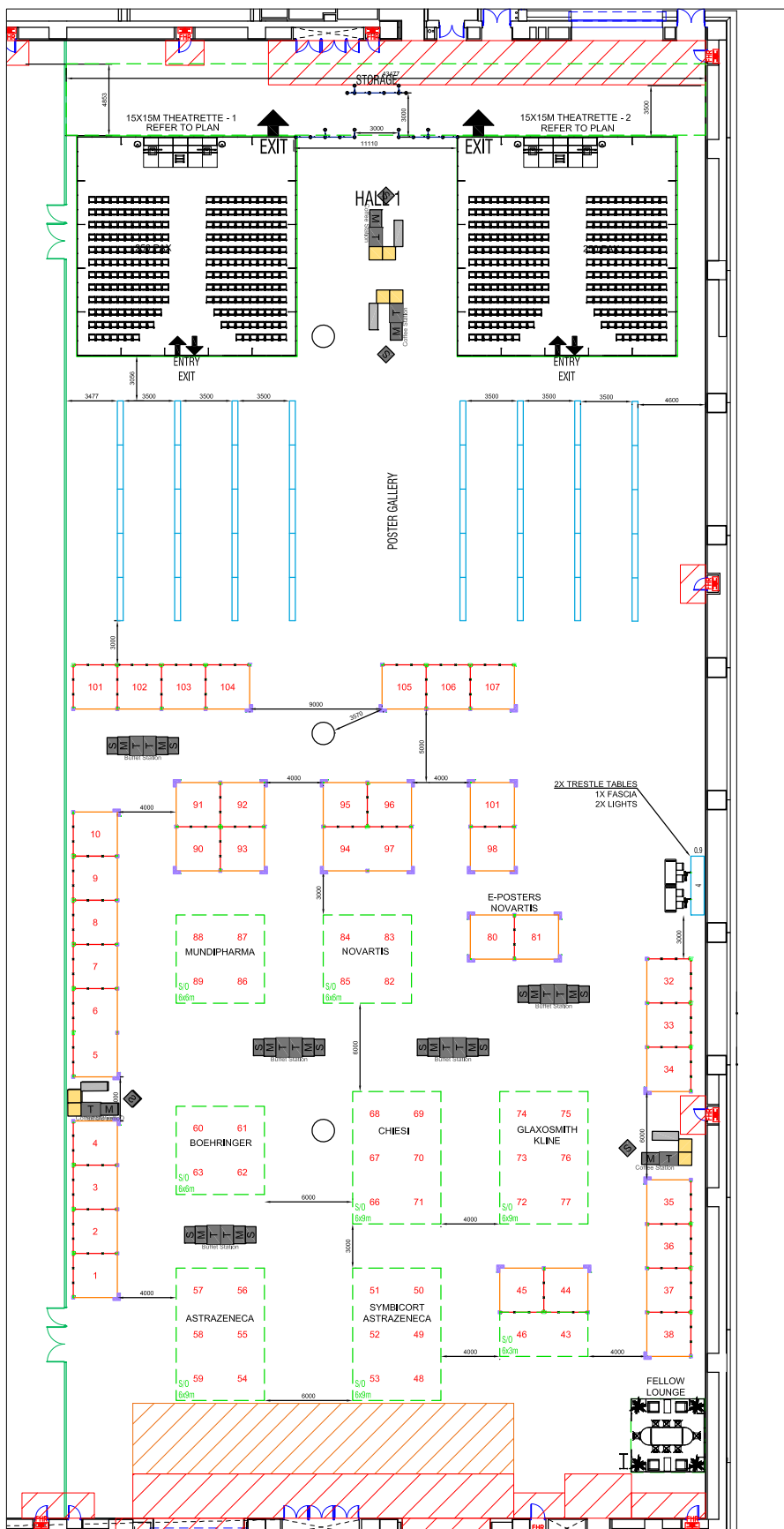


# SPONSORSHIP & EXHIBITION

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FLOORPLAN, HOURS, SPONSORS, EXHIBITORS

# EXHIBITION FLOORPLAN



## EXHIBITORS AT A GLANCE

The following exhibitors and locations are correct as at the date of publication of the Handbook

Company	Sponsor/Exhibitor Level	Stand
A. Menarini Australia Pty Ltd	Exhibitor	94 and 97
American College of CHEST Physicians (CHEST)	Exhibitor	10
American Thoracic Society (ATS)	Exhibitor	106
APSR Congress 2018	Exhibitor	107
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AstraZeneca Medical	Platinum	54 to 59
BD	Exhibitor	93
Boditech Med Inc.	Exhibitor	1
Boehringer Ingelheim Pty Ltd	Gold	60 to 63
Broncus Medical, Inc.	Exhibitor	4
CHIESI FARMACEUTICI S.p.A.	Platinum	66 to 71
Cook Medical	Exhibitor	5 and 6
Cyclomedica Australia Ltd	Exhibitor	45
Erbe Singapore Pte Ltd	Exhibitor	36
Emerge Health Pty Ltd	Platinum	66 to 71
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GlaxoSmithKline	Platinum	72 to 77
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Medtronic	Exhibitor	43 and 46
Mundipharma Pte Ltd	Gold	86 to 89
ndd Medizintechnik AG	Exhibitor	92
Nonin Medical	Exhibitor	44
Novartis Pharmaceuticals Australia Pty Limited	Platinum	82 to 85
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Rocket Medical Pty	Exhibitor	35
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The Japanese Respiratory Society (JRS)	Exhibitor	9
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Thoracic Society of Australia and New Zealand	Exhibitor	105
Uptake Medical	Exhibitor	4

## EXHIBITION HOURS

The Exhibition is located in the Exhibition Hall 1, International Convention Centre Sydney.

The Organising Committee would like to invite all delegates to visit the exhibition during their time at the Congress to view the products and services on display and to meet the exhibition representatives who are in attendance

### EXHIBITION OPERATING HOURS

<b>Thursday 23 November 2017</b>	17:30-20:00	<b>Saturday 25 November 2017</b>	08:00-15:30
<b>Friday 24 November 2017</b>	08:00-16:30	<b>Sunday 26 November 2017</b>	08:00-14:30





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Stands 54 to 59



Contact: Monique Jonson – Senior Brand Manager  
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Stands 66 to 71



Contact: Marco Rombi, Business Head of International  
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Foster is a fixed combination for inhalation that releases extra-fine particles of beclomethasone dipropionate (anti-inflammatory) plus formoterol fumarate (bronchodilator).

...continued overleaf



The product is indicated for the treatment of asthma, both as maintenance and MART (MAintenance and Reliever Therapy), and COPD.

The product was launched in Germany in 2006 and is currently commercialised in more than 45 countries around the globe.

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## GlaxoSmithKline

Stands 72 to 77

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At APSR, GSK has a commercial booth and is hosting two important symposia.

On our booth, we will provide information about our innovations and how we are answering the difficult questions in asthma and COPD management. Having approved treatments for every stage of asthma and COPD means you can choose the right medicine for the right patient from our extensive respiratory portfolio. In our goal to make a difference for patients, we will present latest data from the pioneering Salford Lung Study (SLS) in asthma for Breo Ellipta (fluticasone furoate/vilanterol), conducted in everyday clinical practice, and a head-to-head study of Anoro Ellipta (umeclidinium/vilanterol) v Spiolto Respimat (tiotropium/olodaterol).

On November 24, Professor Greg King chairs the symposium, 'Are all LAMA/LABA bronchodilators the same? Review of new evidence', featuring results from the Anoro study and discussion of COPD management in symptomatic patients. On November 25, we will discuss the role of evidence from real life research and the SLS results in the symposium 'Respiratory Medical Evidence: The Ins and Outs of Validity', with a faculty including Professors Peter Gibson and Helen Reddel.

We look forward to seeing you at the booth and symposia to share the journey in our relentless pursuit for better breathing!

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## Novartis Pharmaceuticals Australia Pty Ltd

Stands 82 to 85

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NSW 2113, Australia  
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The logo for Teva, featuring the word "TEVA" in a stylized, outlined font.The word "Respiratory" in white text on a blue rectangular background.

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### Asian Pacific Society of Respirology

Stand 104

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### American College of CHEST Physicians (CHEST)

Stand 10

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Stand 107

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