

IN PARTNERSHIP WITH



HOSTED BY



APSR 2019

THE 24th CONGRESS OF THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY

Sharing updated knowledge and approaches in respiratory medicine

14th - 17th NOVEMBER, 2019 - HANOI, VIETNAM



PROGRAM BOOK

www.apsr2019.vn

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WELCOME MESSAGE FROM THE CONGRESS PRESIDENT



Dear APSR members, colleagues and friends,

On behalf of the organizing committee of the APSR Congress 2019, we are delighted to welcome you to this special event, which will take place in Hanoi, Vietnam from 14th to 17th November 2019.

Since the first Congress in 1988, the APSR Congress has steadily grown in importance and become a worldwide annual meeting covering topics in pulmonary and critical care medicine and sleep breathing disorders, including COPD, asthma, lung cancer, chronic and acute respiratory failure, interstitial lung diseases, pneumonia, bronchiectasis, smoking cessation, respiratory rehabilitation, clean air and combating air pollution, etc.

The Chairs of the Central and Local Congress Committees, together with all of us are working hard to bring you a program that addresses the needs of all respiratory professionals, from scientists to clinicians, researchers and allied health professionals. The Congress will focus on 17 topics related to Respiriology which are divided into 03 Plenary Lectures, 1 China Day Session, 6 Pre-

Congress Workshops including hands-on sessions such as interventional pulmonology, thoracic ultrasound; 38 Symposia, Oral session and Sponsored Symposia. I am confident that the APSR 2019 program will stimulate debate and shed new light on advances in the field.

Alongside the program, the Congress provides a great opportunity for all delegates to create a network with peers from across the world. Knowledge is deepened when it is shared and by meeting together, discussing experiences and debating various approaches to key topics, enabling us to work towards a better future for respiratory health.

The success of the APSR Congress 2019 depends on our dedicated and loyal members, and to those of you who join us for our Congress each year. I would like to extend a warm welcome to all the new members who have joined us this year, as we have seen our numbers rising thanks to our new membership strategy with national and international societies. We look forward to seeing you all in Hanoi, Vietnam for our 24th Congress, which will be one of the biggest events in pulmonary and critical care medicine in the Asia-Pacific region.

Join us and we believe that you will have a fruitful meeting and pleasant stay in Hanoi! Welcome you all.

Yours Sincerely,

Prof. Ngo Quy Chau

President, 24th Congress of APSR 2019
Chairman, Local Congress Committee

WELCOME MESSAGE FROM THE APSR PRESIDENT



Dear friends and colleagues,

It is a great privilege to write this message of welcome to you all to 2019 APSR Congress in the remarkable city of Hanoi, Vietnam.

As you might know, the Asian Pacific Society of Respiriology (APSR) was established in 1986 with the objectives of advancement and promotion of knowledge of the respiratory system in health and disease. It strives to encourage research, improve clinical practice through teaching, 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

The APSR is therefore extremely proud that one of its valued en bloc member Societies is the Vietnamese Respiratory Society (VNRS), famous for its dedication to improving lung health in Vietnam and the Asia-Pacific region. We are proud and honored to partner this year with the VNRS, with its distinguished membership superbly led by Prof Chau, who is also our Congress President.

The VNRS Local Congress Committee had toiled long and hard to bring us the most magnificent Congress in the historic and picturesque city of Hanoi, working closely with the APSR and its Central Congress Committee. We thank them all for their hard work and generosity in delivering this world-class conference, as a result of friendly collaboration and collegiality, coupled with common goals and professionalism, in a world of rapid change.

The APSR wishes to thank you, delegates and participants, for joining us and working together to share, learn and discover better ways to care for our patients with lung conditions, and improve lung health for our communities and globally. An example of such beneficial collaboration is the celebration of World Lung Day on Sept 25 every year, please help raise awareness for lung health and sign the Charter for Lung Health (www.firsnet.org). Together, we can help achieve the UN Sustainable Development Goals (SDGs) and the WHO Universal Health Coverage aims.

Looking forward to meeting you at the APSR 2019 Congress in Hanoi, and I am confident that we will share in a most memorable and productive meeting, thanks to the VNRS.

Best Wishes,

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 increasing awareness of health problems in the area and promoting 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 Respiratory, a journal of international repute

ABOUT APSR COMMITTEE

APSR EXECUTIVE COMMITTEE

Kwun Fong, President
 Azuma Arata
 Chunxue Bai
 Philip Bardin
 Teresita de Guia
 Yoshinosuke Fukuchi
 Shu Hashimoto
 Mary Sau-Man Ip
 Young Whan Kim
 Kazuto Matsunaga
 Michiaki Mishima
 Yoichi Nakanishi
 Arth Nana
 Ngo Quy Chau
 Paul Reynolds
 Wan-Cheng Tan
 Faisal Yunus

EXECUTIVE MEMBERS REPRESENTING THE COUNCIL MEMBERS

Mary Sau-Man Ip
 Paul Reynolds
 Faisal Yunus

CHAIRPERSONS OF THE PERMANENT COMMITTEES

| | |
|---------------------|------------------------------|
| Kwun Fong | Steering Committee |
| Mary Sau-Man Ip | Strategic Planning Committee |
| Young Whan Kim | Research Committee |
| Arata Azuma | Education Committee |
| Yoshinosuke Fukuchi | Nomination Committee |
| Chunxue Bai | Finance Committee |
| Faisal Yunus | Membership Committee |
| Kazuto Matsunaga | Central Congress Committee |

CENTRAL CONGRESS COMMITTEE

| | |
|------------------|--|
| Kazuto Matsunaga | Chairperson |
| Kwun Fong | President |
| Yoichi Nakanishi | Secretary General & President-Elect |
| Young Whan Kim | Chairperson of the Research Committee |
| Arata Azuma | Chairperson of the Education Committee |
| Ngo Quy Chau | President of the Congress |
| Philip Bardin | Editor in Chief of Respiriology |
| Paul Reynolds | Editor in Chief of Respiriology |
| Chunxue Bai | Treasurer |
| Chong-Jen Yu | President of the Previous Congress |

HEADS OF ASSEMBLIES

(As listed below)

| | |
|------------------------------|--|
| Yun Wing Thomas Mok | Clinical Respiratory Medicine |
| Takahide Nagase | Cell and Molecular Biology |
| Yasuhiro Gon | Clinical Allergy & Immunology |
| Yasuo Morimoto | Environmental & Occupational Health and Epidemiology |
| Ki-Suck Jung | Respiratory Infections (non-tuberculous) |
| Erlina Burhan | Tuberculosis |
| Kazuto Matsunaga | COPD |
| Chong Kin Liam | Lung Cancer |
| Peter Gibson | Asthma |
| Yoshitaka Oku | Respiratory Neurobiology and Sleep |
| Rodolfo Roman Tupas Bigornia | Critical Care Medicine |
| Pyng Lee | Bronchoscopy and Interventional Techniques |
| Jessie Anne de Bruyne | Paediatric Lung Disease |
| Hajime Kurosawa | Respiratory Structure and Function |
| Nobuhiro Tanabe | Pulmonary Circulation |
| Arata Azuma | Interstitial Lung Disease |



APSR 2019 LOCAL ORGANIZING COMMITTEE

CONGRESS PRESIDENT

Ngo Quy Chau

LOCAL CONGRESS COMMITTEE

| | | |
|--|-------------------|------------------|
| Ngo Quy Chau - Chairperson | Do Quyet | Tran Van Ngoc |
| Le Thi Tuyet Lan - Vice Chairperson | Nguyen Huu Uoc | Le Tien Dung |
| Chu Thi Hanh - Vice Chairperson | Nguyen Van Thanh | Vu Van Giap |
| Nguyen Quoc Anh | Nguyen Gia Binh | Phan Thu Phuong |
| Ta Thanh Van | Bui Binh Bao Son | Nguyen Thanh Hoi |
| Pham Minh Thong | Duong Quy Sy | Le Thuong Vu |
| Nguyen Ngoc Hien | Nguyen Viet Nhung | Le Khac Bao |

LOCAL FINANCE COMMITTEE

Phan Thu Phuong, **Chairperson**
Dang Hung Minh, **Vice chairperson**
Doan Thi Phuong Lan
Nguyen Thanh Huyen
Nguyen Thanh Thuy
Nguyen Thi Xuan

APSR CONGRESS SCIENTIFIC COMMITTEE

| | | |
|-------------------------|--------------------|-------------------|
| Chairperson | Member | Dang Quoc Tuan |
| Ngo Quy Chau | Tran Van Sang | Dinh Ngoc Sy |
| Vice chairperson | Vu Van Giap | Le Khac Bao |
| Le Thi Tuyet Lan | Le Tien Dung | Nguyen Kim Cuong |
| Do Quyet | Phan Thu Phuong | Nguyen Tuan Anh |
| Nguyen Huu Uoc | Nguyen Dinh Tien | Nguyen Huu Lan |
| Bui Binh Bao Son | Ta Ba Thang | Le Thi Thu Huong |
| Duong Quy Sy | Nguyen Thanh Hoi | Nguyen Huy Luc |
| Chu Thi Hanh | Nguyen Thu Anh | Nguyen Tien Dung |
| Nguyen Van Thanh | Nguyen Huy Binh | Le Thi Minh Huong |
| Nguyen Gia Binh | Nguyen Trang Nhung | |
| Nguyen Viet Nhung | | |
| Tran Van Ngoc | | |

SECRETARY

Chairperson

Vu Van Giap

Vice Chairperson

Vu Thi Thu Trang

Pham Thi Le Quyen

Member

Hoang Anh Duc

Vu Tran Thien Quan

Nguyen Thanh Thuy

Nguyen Ngoc Du

Dinh Diem My

Pham Ngoc Ha

Nguyen Hoang Minh

Nguyen Thuy Duong

Hoang Thi Diem My



GENERAL INFORMATION

VENUE

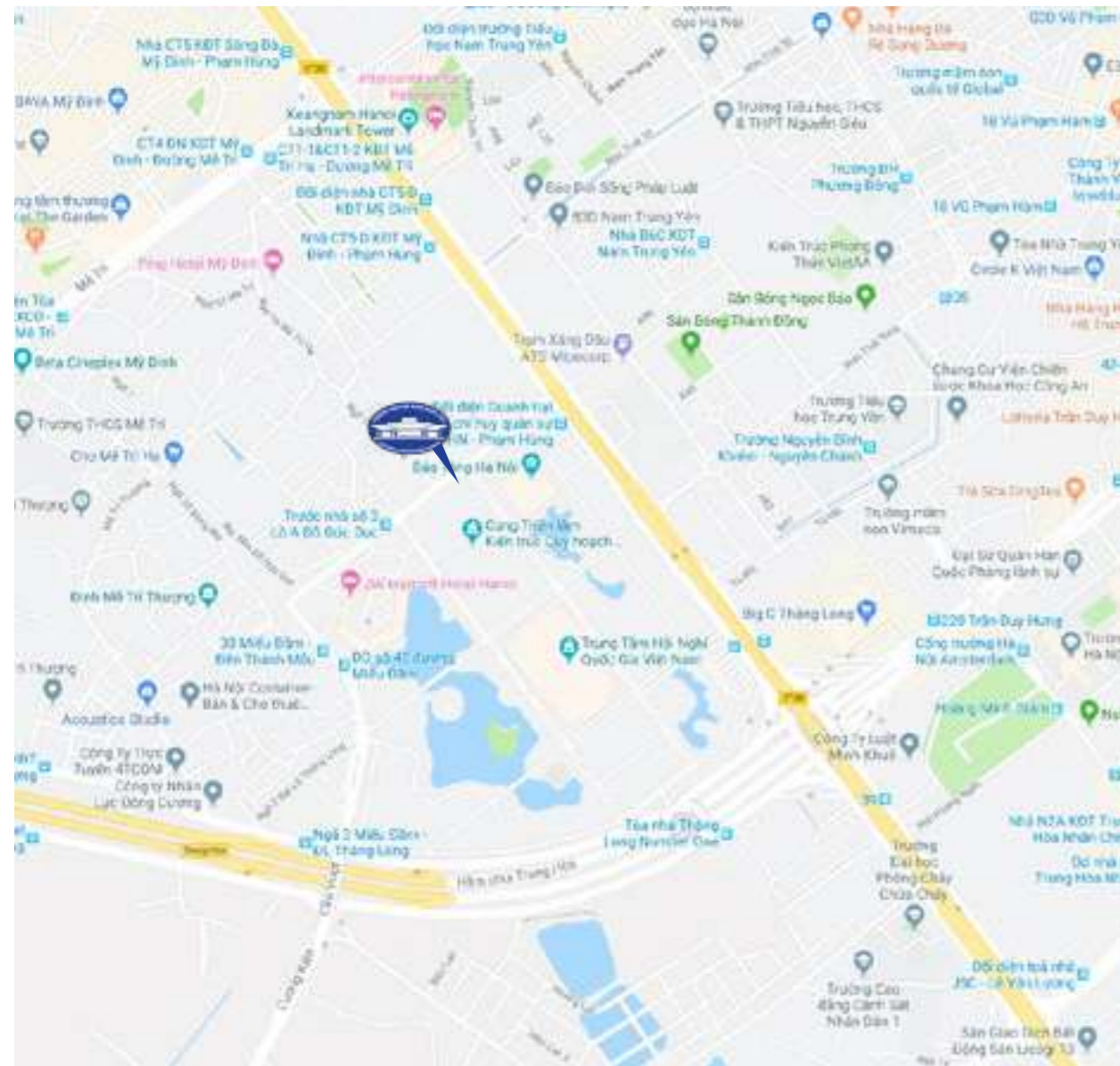
The National Convention Center (NCC)

Gate I, Thang Long Avenue, Me Tri

Nam Tu Liem, Hanoi, Vietnam

Website: <http://ncc.gov.vn/>

With a total of 64 hectares, including the main building, a park, water square, on-ground and underground parking lot, helipad, and other auxiliary items, National Convention Center meets international standards, being the ideal venue for domestic and international events and conferences with thousands of attendants. NCC is located 10 km from the center of Hanoi and 40 km from Noi Bai International Airport.



ABOUT HANOI

Hanoi is the capital of the Socialist Republic of Vietnam, also being well known as the capital of the most feudal dynasties of the country in the past. Without a doubt, Hanoi's history has been associated with the ups and downs of Vietnamese history through many periods. Hanoi is not only the city with the largest area in Vietnam but also placing the second largest population city with nearly 8 million people (2018).

Hanoi was awarded as "City for Peace" on July 16th, 1999 by the United Nations Science, Culture and Education Organization (UNESCO). With more than 1000 years of civilization, from the beginning of Thang Long Citadel until now, Hanoi has always been the largest cultural center of the country with tangible and intangible cultural relics. The thousand-year-old capital of Vietnam has preferential natural landscapes, as well as historical monuments, folk culture, festivals, etc. The climate in Hanoi is pleasant and with a favorable geographical position, the city is considered an extremely interesting destination for tourists.

CLIMATE AND CLOTHING

Hanoi is situated in a tropical monsoon zone with four seasons including spring, summer, autumn and winter. Summer, beginning in May and ending in August, is characterized by hot and humid weather with abundant rainfall. September and October comprise the fall season, characterized by a decrease in temperature and precipitation. Winter starting from November to January, is mostly dry and cool.. In November, there is little rainfall as it is nearly the end of autumn but the temperature can drop in the evening so remember to bring a jacket during this time. With the average temperature of 20 degrees Celcius (temperatures usually range from 18°C to 25°C), Hanoi's autumn is charming with warm sunlight, cool breeze and dry atmosphere. If you love seeing the leaves changing color, enjoying some local autumn specialties such as young green rice or living slowly to appreciate life beauty, you definitely should visit Hanoi in autumn.

BUSINESS HOUR

- Department stores and shopping centers generally open seven days a week, from around 10:00 AM to 09:00 PM.
- Banks and post offices are open from around 08:00 AM to 04:30 PM, Monday to Friday.
- Temples, museums and other tourist attractions are open from 09:00 AM – 05:00 PM

MONEY EXCHANGE

Money

The official currency in Vietnam is Dong (VND). You can use the website of Vietcombank (<https://vietcombank.com.vn>) to see the daily exchange rate. The US dollar, preferably crisp clean bills, is widely accepted among shops and restaurants in Vietnam. Nevertheless, the prices will be converted depending on the vendor's chosen exchange rate, which may or may not be close to the official exchange rate.

Notes

The largest denomination is currently 500,000 VND (approx. USD 24). Other paper notes are 1,000, 2,000, 5,000; 10,000, 20,000, 50,000, 100,000 and 200,000 VND. Commonly, ripped or torn notes are refused, however, faded or discoloured notes are usually fine.



- Visa and Master cards are getting more popular in big hotels and restaurants, with a surcharge of 3%.
- Banking & ATM: A few international banks are operating in Hanoi with 24-hour cash withdrawal facilities. Most ATMs enable you to get cash from VISA, MASTER CARD, Plus and JCB – please be aware of high charges from your bank if you make a withdrawal on a credit card. Under Vietnamese law, ATM may only dispense cash in Vietnamese Dong. Many ATMs will only allow you to withdraw a maximum of 2,000,000 VND, or just over \$100, but ANZ and HSBC ATM will allow you to withdraw up to 4,000,000 VND.

HEALTH & SAFETY

- Drinking water: In Vietnam, please avoid drinking tap water and drink bottled water only. In addition, ice bought at stores may not offer food safety because it may have been made with contaminated water.
- Food: One of the best things about Hanoi is street foods. If you are excited to try street foods during your time here, please consider carefully from reviews at reliable sources.
- Sun and Insects: make sure you bring plenty of sunscreen and mosquito repellent products.
- Your personal kit must have a solution to stomachache, headache, etc.
- Pharmacies can easily be found in the city. Write down the name of the medicine you want to buy or use body language to explain since not many pharmacists can communicate in English.
- Emergency contact number: Police (113) – Fire (114) – Ambulance (115)
- List of Private Clinic and Hospital in:
 - Bach Mai Hospital: 78 Giai Phong street, Phuong Mai Ward, Dong Da District, Hanoi - Tel: 024.3869 3731 - Fax: 024. 3869 1607 - <http://www.bachmai.gov.vn/>
 - Hanoi Medical University Hospital: No. 1 Ton That Tung Street, Trung Tu Ward, Dong Da District, Hanoi - Tel: 024.3574 7788 - Fax: 024.3574 6298 - <http://benhviendaihocyhanoi.com/>

TELECOMMUNICATION

Sim cards

Nearly every shop in Vietnam sells preactivated GSM SIM Card. For the best coverage, ensure that your SIM card is on the Viettel, Mobifone or Vinafone network. The average SMS SIM Cards cost around 80.000 VND and is valid for about 2 months. After your first call, you will see the actual expiration date and a bonus of 50.000+50.000 VND for making calls. Topping up is usually made by purchasing scratch cards. At Arrival Terminal of Noi Bai International Airport, you can buy sim a card at: Agribank (Agriculture and Rural Development bank), Vietcombank, Eximbank booths.

3G and Wifi:

3G: The three top mobile companies also provide decent 3G service in Vietnam.

REGISTRATION DESK HOURS

The Registration Desk will be located on the Ground Floor of the National Convention Center after the Main Entrance. The opening times are:

- 14:00 -17:00 on **13th November 2019**
- 7:30 - 17:00 on **14th – 16th November 2019**
- 7:30 - 12:30 on **17th November 2019**

Please present the invitation letter to our staff at the registration counter to obtain your badge and conference kit during the registration hours. Full congress participants include:

- Admission to all scientific sessions and the industrial exhibition
- Congress book

- Opening Ceremony & Welcome Reception
- Meals (shall be provided during Lunch Symposia hour only and on first come first served basis)

EXHIBITION HOURS:

The exhibition is located on the Ground Floor and will be open as follows:

- 8:00 – 18:00 on **14th – 16th November 2019**
- 8:00 – 12:30 on **17th November 2019**

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 six pre-congress workshops taking place on Thursday 14 November. Please see the scientific program for details.

RIBBON CUTTING CEREMONY FOR EXHIBITION

Date: 14/11/2019

Time: 17:00 – 17:25

Venue: Ground Floor, National Convention Center

OPENING CEREMONY

Date: 14/11/2019

Time: 17:30 – 18:30

Venue: MMH Hall, National Convention Center

Address: Pham Hung Str., Me Tri Ward, Nam Tu Liem Dist., Hanoi, Vietnam

Entrance: Open for all delegates

Dress code: Formal

WELCOME RECEPTION

Date: 14/11/2019

Time: 19:00 - 21:00

Venue: Room 101 (Ground floor), National Convention Center.

Address: Pham Hung Str., Me Tri Ward, Nam Tu Liem Dist., Hanoi, Vietnam

Entrance: Open for all delegates

Dress code: Formal

GALA DINNER

Date: 16/11/2019

Time: 19:15 - 21:30

Venue: Hanoi Daewoo Hotel (5 stars)

Address: 360 Kim Ma St., Ba Dinh Dist., Hanoi, Vietnam

Entrance: By invitation and ticket only (Please take a look at <https://apsr2019.vn/detail.asp?id=13173>)

Dress code: Formal

REFRESHMENT AND LUNCH PROVIDED

Morning and afternoon tea and coffee breaks will be served on the ground floor (exhibition area). While lunch box will be provided during lunch symposium hours and at the lunch symposium venues only on a first come first serve basis.



CERTIFICATE OF ATTENDANCE

The certificate of attendance will be provided online through the congress's website after the event.

CONGRESS ABSTRACTS

APSR 2019 Congress abstracts are published in the online journal *Respirology*, the official journal of the Asian Pacific Society of Respirology.

DUPLICATION RECORDING

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

GOODS AND SERVICES TAX (GST)

Goods and services in Vietnam are subject to a 10% tax (GST). This tax is usually included in the price and if not, will clearly be stated.

APSR 2019 APP

Please download the APSR 2019 interactive mobile App to have access to all the Congress information. The app will provide information about session overview, speakers, and exhibitors. Create your own schedule for the event by bookmarking the sessions you wish to attend. Download the APSR 2019 App now to enhance your congress experience.

LIABILITY AND INSURANCE

The Congress Secretariat and Organizers do not accept liability for accidents or private property loss or damage of participants and accompanying persons. Participants are requested to plan for their own health insurance for the trip.

WIFI

The National Convention Center offers complimentary Wi-fi designed for general web browsing and checking web-based email only. To access the wireless Internet, please open an internet browser which will direct you to the portal page. Select the Free Wi-fi option to agree to the terms and conditions, then click submit.

CONGRESS MANAGERS



Street Address: 3B Dang Thai Than St.,
Hoan Kiem Dist., Hanoi, Vietnam

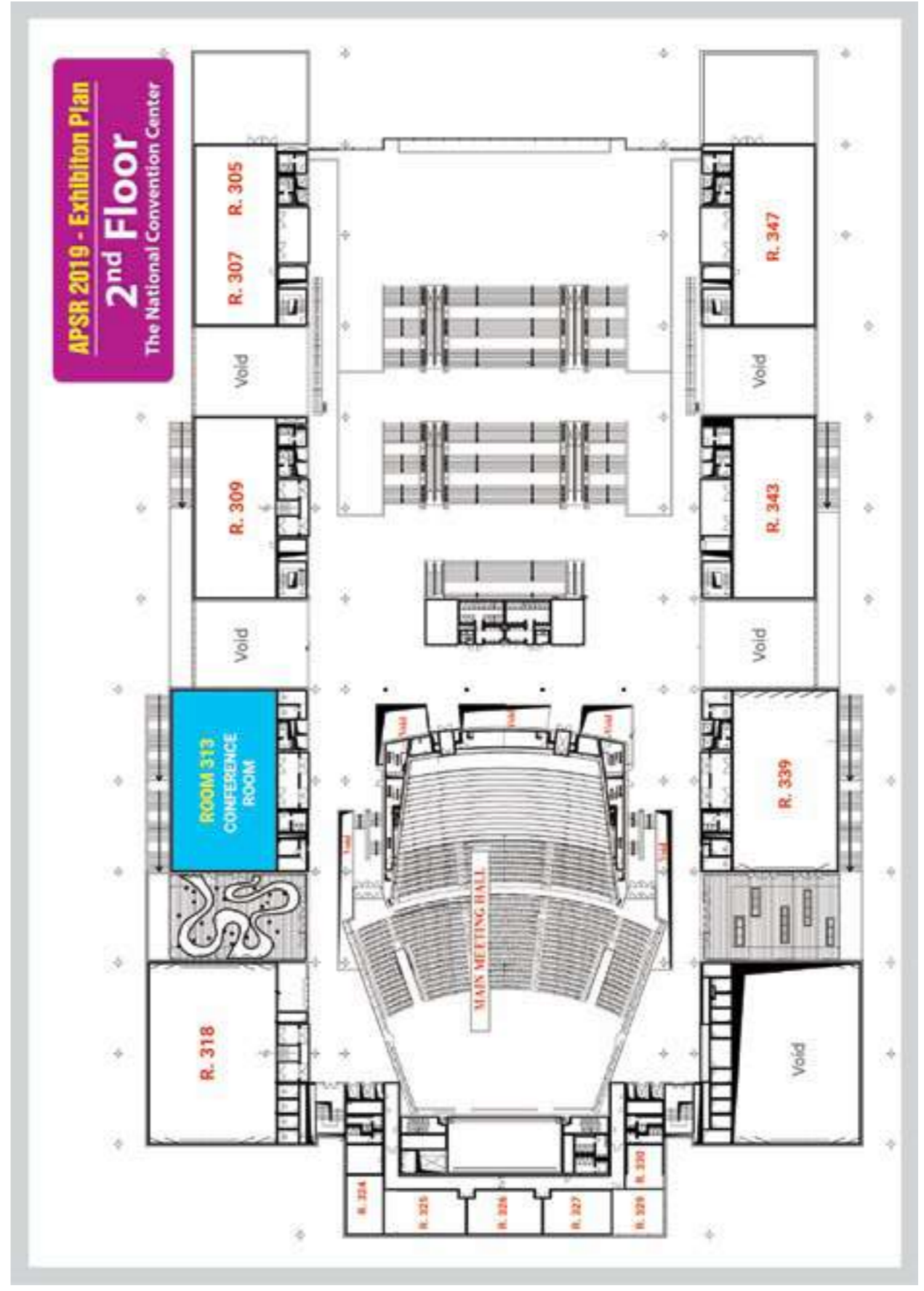
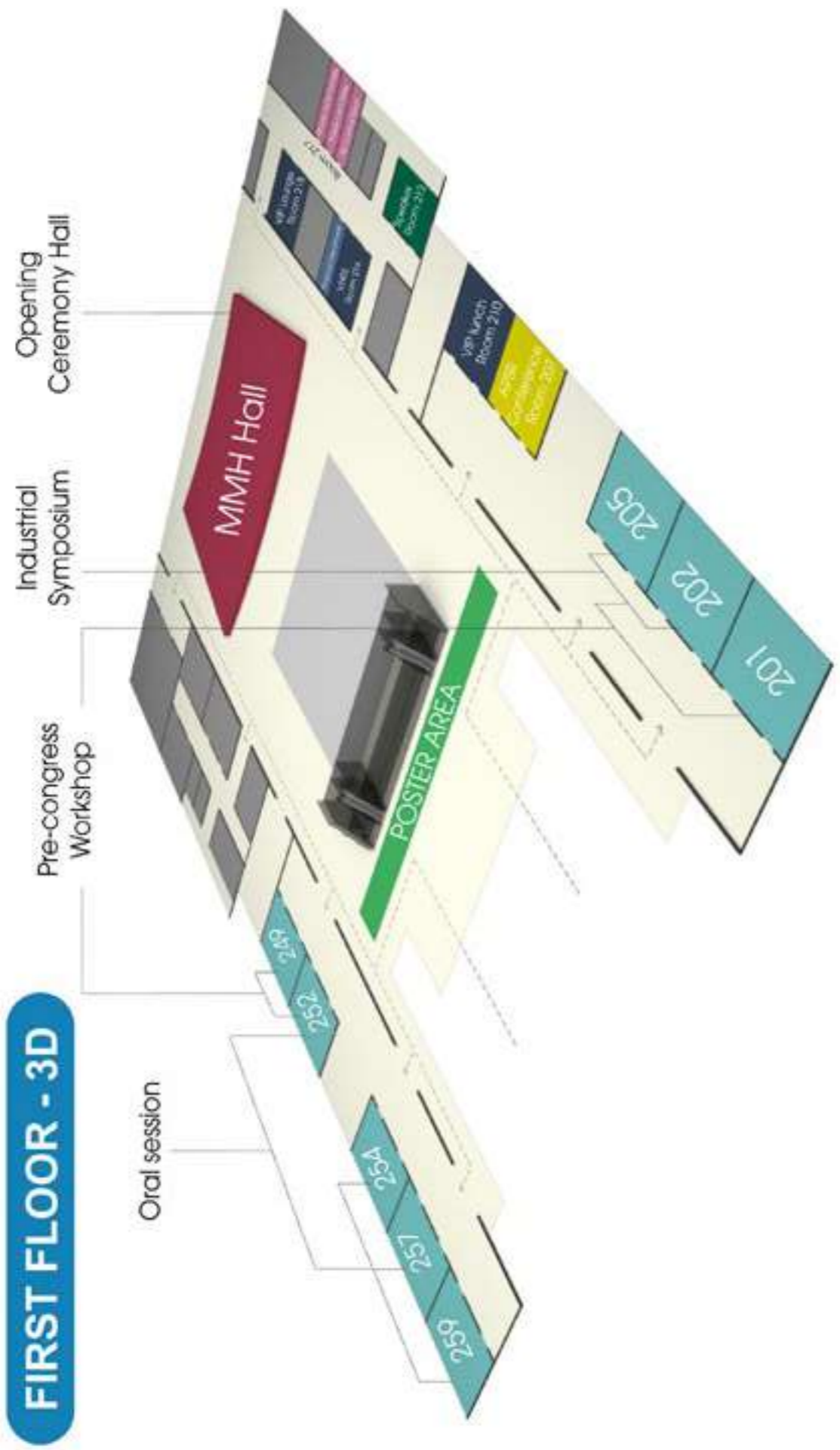
Telephone (VN): +84 933802588

Email: md@dmc.com.vn

VENUE FLOOR PLANS



FIRST FLOOR - 3D



APSR 2019 - Exhibition Plan
2nd Floor
The National Convention Center



APSR MEMBERS' MEETINGS

APSR ANNUAL GENERAL MEETING (AGM)

| Congress Day | Location | Meeting Time |
|-----------------------|----------------|--------------|
| Thursday, 14 November | 207, 1st Floor | 16:30-17:00 |

APSR ASSEMBLY MEETINGS

| Congress Day | Assembly | Location | Meeting Time |
|---------------------------|--|--------------|--------------|
| Friday, 15 November | Clinical Respiratory Medicine | State Room 2 | 17:30-19:00 |
| | Clinical Allergy & Immunology | State Room 1 | |
| | Environmental & Occupational Health and Epidemiology | 101 | |
| | Respiratory Infections (non-tuberculous) | 313 | |
| | COPD | 252 | |
| | Asthma | 254 | |
| | Respiratory Neurobiology and Sleep | 257 | |
| Saturday, 16 November | Critical Care Medicine | 259 | 17:30-19:00 |
| | Cell and Molecular Biology | State Room 2 | |
| | Tuberculosis | State Room 1 | |
| | Lung Cancer | 101 | |
| | Bronchoscopy and Interventional Techniques | 313 | |
| | Paediatric Lung Disease | 252 | |
| | Respiratory Structure and Function | 254 | |
| | Pulmonary Circulation | 257 | |
| Interstitial Lung Disease | 259 | | |








Hanoi capital

SPEAKERS






INTERNATIONAL, ASIA - PACIFIC SPEAKERS




INTERNATIONAL SPEAKERS

| Name | Affiliation/ Country | Session Date | Session Title |
|---|--|--|--|
|  Alberto Papi | S. Anna University Hospital, Ferrara, ITALY | Saturday 13:05-13:35 Sunday 11:00-11:30 | Lunch symposium (OEP): Small airways: Unveiling of a hidden world Symposium 38: COPD 4 |
|  Alyn Morice | University of Hull, Castle Hill Hospital, UNITED KINGDOM | Friday 11:00-11:30 12:00-12:30 | Symposium 6: Clinical Respiratory Medicine 2 – Chronic cough |
|  Carl Mottram | Clinical and Laboratory Standards Institute, UNITED STATES | Thursday 09:00-09:15 09:30-10:00 10:00-10:30 | Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 1 |
| | | Thursday 14:00-14:30 15:00-15:30 | Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 2 |
| | | Friday 11:30-12:00 | Symposium 5: Respiratory neurobiology and sleeps – Ambulatory Monitoring for Respiratory Function Assessment |
|  Dave Singh | The University of Manchester, UNITED KINGDOM | Friday 09:30-10:00 | Symposium 1: COPD 1: Diagnosis and management of early COPD |
| | | Friday 13:05-13:45 | Lunch symposium (AstraZeneca): How to better diagnose and treat your COPD patients? |
| | | Saturday 14:30-15:00 | Symposium 26: COPD 3 |






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|---|--|-----------------------------------|--|
|  David Price | Observational & Pragmatic Research Institute, UNITED KINGDOM | Friday 11:30-12:00 | Symposium 25: Asthma 2 |
|  Dinh Xuan Anh Tuan | Cochin Hospital, Paris, FRANCE | Friday 10:10-10:30 | Symposium 1: COPD 1 - Diagnosis and management of early COPD |
| | | Friday 11:00-11:30 | Symposium 5: Respiratory neurobiology and sleeps - Ambulatory Monitoring for Respiratory Function Assessment |
| | | Friday 12:30-12:35 13:45-14:00 | Lunch symposium (AstraZeneca): How to better diagnose and treat your COPD patients? |
|  Eric Bateman | UCT Lung Institute, Cape Town, SOUTH AFRICA | Saturday 10:00-10:30 | Symposium 19: Respiratory Structure and Function 2 - Defining COPD beyond FEV1 and Symptoms |
| | | Sunday 10:00-10:30 | Symposium 33: Asthma 3 |
| | | Sunday 09:00-09:30 10:00-10:30 | Symposium 34: Respiratory Infections (non-tuberculous) 3 |
|  Francesco Blasi | University of Milan, ITALY | Friday 10:00-10:30 | Symposium 4: Respiratory Infections (non-tuberculous) 1 |






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|  Georgios Kitsios | Division of Pulmonary, Allergy and Critical Care Medicine, UPMC Hospital, UNITED STATES | Sunday 11:30-12:00 Sunday 12:00-12:30 | Symposium 36: Critical care medicine 2 – Ventilator – associated pneumonia management in the era of antibiotic resistance Symposium 36: Critical care medicine 2 – Ventilator – associated pneumonia management in the era of antibiotic resistance |
|  Gilles Mangiapan | Pneumology Department, Intercommunal Hospital Center of Créteil, FRANCE | Thursday 09:00-09:30 10:00-10:30 11:00-11:30 Friday 12:00-12:30 | Pre-Congress Workshop 3: Imaging studies for respiratory disease: Pleural Ultrasound Symposium 8: Thoracic Imaging |
|  Gustavo Zabert | National University of Comahue, ARGENTINA | Saturday 16:30-17:00 | Symposium 32: E-cigarette and health |
|  Hans Liu | Bryn Mawr Hospital, UNITED STATES | Saturday 12:30-13:00 Sunday 11:00-11:30 Sunday 11:30-12:00 | Lunch symposium (Daiichi Sankyo): Challenging for Treatment of CAP Symposium 36: Critical care medicine 2 – Ventilator – associated pneumonia management in the era of antibiotic resistance Symposium 37: Respiratory Infections (non-tuberculous) 2 |
|  James Beck | Division of Pulmonary Sciences and Critical Care at the University of Colorado, UNITED STATES | Saturday 10:00-10:30 | Symposium 18: Cell and Molecular Biology |

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|---|--|---|---|
|  Jean-Pierre Frat | Poitiers University Hospital, FRANCE | Thursday 10:45-11:15 Saturday 09:00-09:30 | Pre-congress Workshop 4: Oxygen therapy and mechanical ventilation Symposium 17: Clinical respiratory Medicine 3 – Treatment beyond medications |
|  Jose Jardim | University of São Paulo, BRAZIL | Friday 12:35-13:05 Saturday 12:35-12:50 Sunday 12:00-12:30 | Lunch symposium (GSK): Comprehensive approach in respiratory diseases management Lunch symposium (GSK): Key highlight from APSR 2019 Symposium 38: COPD 4 |
|  Joshua Solomon | National Jewish Health, UNITED STATES | Thursday 10:30-11:00 11:00-11:30 Friday 14:30-15:00 Saturday 14:30-15:00 | Pre-Congress Workshop 3: Imaging studies for respiratory disease: Pleural Ultrasound Symposium 9: Interstitial lung diseases 1 Symposium 27: Interstitial lung diseases 2 |
|  Juan C Celedon | Children's Hospital of Pittsburgh, UNITED STATES | Saturday 12:00-12:30 | Symposium 25: Asthma 2 |
|  Kian Fan Chung | National Heart & Lung Institute, Imperial College London, UNITED KINGDOM | Saturday 11:00-11:30 Sunday 09:00-09:30 | Symposium 25: Asthma 2 Symposium 33: Asthma 3 |












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|  Marc Miravittles | University Hospital Vall d'Hebron, SPAIN | Thursday 12:15-12:35 | Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation |
| | | Friday 12:40-13:10 | Lunch Symposium (Novartis): Optimization COPD management in clinical practice |
| | | Friday 16:00-16:30 | Symposium 15: COPD 2 – Personalised management of airway diseases |
|  Martin Kolb | MC Master University, CANADA | Saturday 11:00-11:30 12:00-12:30 | Symposium 22: Scientific Publication and grant submission |
| | | Saturday 14:00-14:30 | Symposium 27: Interstitial lung diseases 2 |
|  Yves Martinet | Nancy University Hospital, FRANCE | Friday 17:00-17:30 | Symposium 13: Lung Cancer I - Diagnosis and treatment of lung cancer |
| | | Saturday 17:00-17:30 | Symposium 32: E-cigarette and health |
|  Nathalie Wirth | Nancy University Hospital, FRANCE | Saturday 16:00-16:30 | Symposium 32: E-cigarette and health |
|  Nguyen Duc Trung | Nancy University Hospital, FRANCE | Saturday 09:00-09:30 | Symposium 21: Paediatric lung diseases |

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|  Peter Gibson | John Hunter Hospital, AUSTRALIA | Thursday 09:40-10:40 | Pre-Congress Workshop 1: Asthma Diagnosis treatment monitoring part 1: Interpretation of biomarkers in asthma |
| | | Friday 17:00-17:30 | Symposium 14: Asthma I - New asthma treatment: finding value for money |
|  Stephanie Levine | University of Texas Health Science Center, UNITED STATES | Friday 14:00-14:30 | Symposium 11: Critical care medicine I – 52 years of ARDS: what strategies improve outcome? |
|  Thierry Troosters | Faculty of Physiotherapy and Rehabilitation Sciences, KU Leuven, BELGIUM | Saturday 09:30-10:00 | Symposium 17: Clinical respiratory Medicine 3 – Treatment beyond medications |



ASIA - PACIFIC SPEAKERS

| Name | Affiliation/ Country | Session Date | Session Title |
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|  Akihisa Mitani | The University of Tokyo, JAPAN | Saturday 09:30-10:00 | Symposium 18: Cell and Molecular Biology |
|  Arata Azuma | Nippon Medical School, Tokyo, JAPAN | Saturday 8:10- 8:50 Saturday 15:00-15:30 | Plenary Lecture 2 - Harasawa Memorial Lecture - Paradigm Shift of Management on Pulmonary Fibrosis Symposium 27: Interstitial lung disease 2 |
|  Atsuhito Nakao | University of Yamanashi, Yamanashi, JAPAN | Saturday 11:00-11:30 | Symposium 23: Clinical allergy and immunology – Current topics in allergy and airway inflammation |
|  Bing Lam | Hong Kong Sanatorium & Hospital, HONG KONG | Thursday 9:00 - 9:30 Thursday 15:30- 16:00 | Pre-congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung cancer part 1 Pre-congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung cancer part 2 (Hands on) |
|  Bui Van Giang | Hanoi Medical University, VIETNAM | Thursday 16:00 – 16:30 | Pre-Congress Workshop 3: Imaging studies for respiratory disease: Chest Radiology for Clinicians |





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|  Chin Kook Rhee | Seoul St. Mary's Hospital, KOREA | Thursday 15:00-15:30 Friday 09:00-09:30 Friday 13:10-13:40 Saturday 14:00-14:30 | Pre-Congress Workshop 1: Asthma – practical skills: inhaler devices and technique Symposium 1: COPD 1 – Diagnosis and management of early COPD Lunch Symposium (Novartis): Optimization COPD management in clinical practice Symposium 26: COPD 3 |
|  Chong-Kin Liam | University of Malaya, Kuala Lumpur, MALAYSIA | Saturday 9:30-10:00 Saturday 16:00-16:30 | Symposium 20: Lung cancer 2 Symposium 29: Lung cancer 3 |
|  Chu Thi Hanh | Respiratory Center, Bach Mai Hospital, VIETNAM | Saturday 16:00-16:30 | Symposium 30: Pleural diseases |
|  Chung Ming Chu | United Christian Hospital, HONG KONG | Friday 09:30-10:00 | Symposium 2: Clinical respiratory Medicine 1 – Dyspnea: the most disabling symptom |
|  Dao Xuan Co | ICU Department, Bach Mai Hospital, VIETNAM | Friday 14:30-15:00 Sunday 9:30-10:00 | Symposium 11: Critical care medicine 1 – 52 years of ARDS: what strategies improve outcome? Symposium 34: Respiratory Infections (non-tuberculous) 3 |






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|  David Chi-Leung Lam | Queen Mary Hospital, HONG KONG | Thursday 9:30- 10:00 14:30- 15:00 Saturday 11:00-11:30 Saturday 17:00-17:30 | Pre-congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung cancer part 1, 2 (Hands on) Symposium 24: Bronchoscopy and Interventional Pulmonology – Advances in Interventional Pulmonology Symposium 29: Lung cancer 3 |
|  Digambar Behera | Postgraduate Institute of Medical Education and Research, INDIA | Friday 14:30-15:00 Saturday 17:00-17:30 | Symposium 10: Tuberculosis 1 Symposium 31: Tuberculosis 2 |
|  Do Ngoc Son | Emergency Department, Bach Mai Hospital, VIETNAM | Thursday 09:45-10:15 Friday 10:00-10:30 Saturday 10:00-10:30 | Pre-Congress Workshop 4: Oxygen therapy and mechanical ventilation Symposium 2: Clinical respiratory Medicine 1 – Dyspnea: the most disabling symptom Symposium 17: Clinical respiratory Medicine 3 – Treatment beyond medications |
|  Duong Quy Sy | Lam Dong Medical College and Medical- Biological Research Center, VIETNAM | Friday 15:00-15:30 | Symposium 9: Interstitial lung diseases 1 |
|  Erlina Burhan | Persahabatan Hospital, Jakarta, INDONESIA | Saturday 16:00- 16:30 | Symposium 31: Tuberculosis 2 |

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|  Graham Hall | Telethon Kids Institute, AUSTRALIA | Thursday 10:30-11:00 Thursday 14:30-15:00 Saturday 09:30-10:00 | Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 1 Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 2 Symposium 19: Respiratory Structure and Function 2 – Defining COPD beyond FEV1 and Symptoms |
|  Greg Fox | The University of Sydney, AUSTRALIA | Saturday 16:30-17:00 | Symposium 31: Tuberculosis 2 |
|  Greg King | Department of Respiratory Medicine Royal North Shore Hospital, AUSTRALIA | Thursday 09:00-09:40 Friday 09:00-09:30 Friday 09:30-10:00 | Pre-Congress Workshop 1: Asthma Diagnosis treatment monitoring part 1: Interpretation of bio-makers in asthma Symposium 2: Clinical respiratory Medicine 1 – Dyspnea: the most disabling symptom Symposium 3: Respiratory Structure and Function 1 – Mechanisms of non-reversible airflow obstruction in asthma |
|  Guy Marks | Department of Respiratory Medicine Liverpool Hospital, AUSTRALIA | Thursday 11:00-12:00 Friday 11:20-12:00 Sunday 09:30-10:00 | Pre-Congress Workshop 1: Asthma Diagnosis treatment monitoring part 1: Interpretation of bio-makers in asthma Symposium 7: Environmental & occupational health and epidemiology – Treat for occupational lung disease in Asia Symposium 33: Asthma 3 |



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|  Hideo Saka | Nagoya Medical Center, JAPAN | Thursday 14:00- 14:30 16:00- 16:30 | Pre-congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung cancer part 2 (Hands on) |
|  Kazuto Matsunaga | Yamaguchi University, JAPAN | Friday 16:30-17:00 | Symposium 15: COPD 2 – Personalised management of airway diseases |
|  Kwun Fong | Pulmonary Malignancy Unit at TPCH and the UQ Thoracic Research Centre, AUSTRALIA | Friday 8:00-8:30 | Plenary lecture 1 |
| | | Friday 16:00-16:30 | Symposium 13: Lung Cancer 1 – Diagnosis and treatment of lung cancer |
| | | Saturday 09:00-09:30 | Symposium 20: Lung cancer 2 |
|  Ki-Suck Jung | Hallym University Sacred Heart Hospital, KOREA | Friday 09:30-10:00 | Symposium 4: Respiratory infections (non – tuberculosis) 1 |
| | | Sunday 12:00- 12:30 | Symposium 37: Respiratory Infections (non-tuberculous) 2 |
|  Le Khac Bao | Gia Dinh People's Hospital, VIETNAM | Thursday 11:55-12:15 | Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation |
| | | Friday 10:00-10:30 | Symposium 3: Respiratory Structure and Function 1 – Mechanisms of non-reversible airflow obstruction in asthma |
|  Le Thi Minh Huong | National Hospital of Paediatrics, VIETNAM | Saturday 12:00-12:30 | Symposium 23: Clinical allergy and immunology – Current topics in allergy and airway inflammation |

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|  Le Thi Tuyet Lan | Ho Chi Minh City Medicine and Pharmacy University, VIETNAM | Thursday 09:15-09:30 | Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 1 |
| | | Thursday 10:20-11:00 | Pre-Congress Workshop 1: Asthma Diagnosis treatment monitoring part 1: Interpretation of bio-makers in asthma |
| | | Thursday 11:50-11:55 | Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation |
| | | Thursday 14:30-15:00 15:30- 17:00 | Pre-Congress Workshop 1: Asthma – practical skills: inhaler devices and technique |
|  Le Thuong Vu | Cho Ray hospital, VIETNAM | Friday 16:00- 16:30 | Symposium 14: Asthma 1 - New asthma treatment: finding value for money |
| | | Saturday 12:30-12:35 13:55- 14:00 | Lunch Symposium (Boehringer Ingelheim): Putting COPD patient needs first: Time for optimising treatment and device selection |
| | | Sunday 10:00-10:30 | Symposium 35: Pulmonary Circulation – Management and registry of pulmonary vascular diseases in ASPR countries |
|  Masao Hashimoto | Centre Hospital of the National Centre for Global Health and Medicine, JAPAN | Thursday 15:00 - 15:30 | Pre-congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung Cancer part 2 (Hands on) |








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|  Ngo Quy Chau | Respiratory Center Bach Mai Hospital, VIETNAM | Friday 8:30-9:00 | Plenary lecture I |
| | | Friday 11:00-11:30 | Symposium 7: Environmental & occupational health and epidemiology – Treat for occupational lung disease in Asia |
| | | Friday 12:30-12:35 | Lunch symposium: (Boehringer Ingelheim) Fibrosing Interstitial Lung Disease: Current and Future Perspectives |
| | | Friday 17:00-17:30 | Symposium 15: COPD 2 – Personalised management of airway diseases |
|  Nguyen Nhu Vinh | University of Medicine and Pharmacy at Ho Chi Minh City, VIETNAM | Friday 11:30-12:00 | Symposium 6: Clinical respiratory medicine 2 – Chronic cough |
| | | Saturday 13:05-13:35 | Lunch symposium (GSK): Key highlight from APSR 2019 |
| | | Saturday 15:00 - 15:30 | Symposium 26: COPD 3 |
|  Nguyen Tien Dung | Paediatrics, Bach Mai Hospital, VIETNAM | Saturday 09:30-10:00 | Symposium 21: Paediatric lung diseases |
| | | Saturday 13:05-13:35 | Lunch symposium (GSK): Key highlight from APSR 2019 |
|  Nguyen Van Tho | University of Medicine and Pharmacy at Ho Chi Minh City, VIETNAM | Thursday 15:00 - 15:30 | Pre-congress Workshop 3: Imaging studies for respiratory disease: Chest Radiology for Clinicians |
| | | Saturday 12:35 - 13:05 | Lunch Symposium (AstraZeneca): Asthma Management in Asia- Pacific area: Opportunities and challenges |
|  Nguyen Truong Giang | Dept of Radiology, Thai Nguyen National Hospital Discipline of Medical Imaging, Thai Nguyen University School of Medicine, VIETNAM | Friday 11:00 - 11:30 | Symposium 8: Thoracic Imaging |
| | | Sunday 11:00 - 11:30 | Symposium 37: Respiratory Infections (non- tuberculous) 3 |

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|  Nguyen Viet Nhung | National Lung Hospital, VIETNAM | Friday 14:00 -14:30 15:00 - 15:30 | Symposium 10: Tuberculosis I |
| | | Friday 12:30 - 12:35 13:40 - 14:00 | Lunch Symposium (Novartis): Optimization COPD managemnet in clinical practice |
|  Nobuhiro Tanabe | Chiba University, JAPAN | Saturday 15:00 -15:30 | Symposium 28: Pulmonary Hypertension |
| | | Sunday 09:30 -10:00 | Symposium 35: Pulmonary Circulation – Management and registry of pulmonary vascular diseases in APSR countries |
|  Paul Reynolds | University of Adelaide, AUSTRALIA | Saturday 11:30 -12:00 | Symposium 22: Scientific Publication and grant submission |
| | |  Robert John Hancox | Royal Australasian College of Physicians, NEW ZEALAND |
|  Pham Hong Nhung | Medical Microbiology Dept., Hanoi Medical University, VIETNAM | Friday 09:00-09:30 | Symposium 4: Respiratory Infections (non-tuberculous) I |






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|  Phan Thu Phuong | Respiratory Center, Bach Mai Hospital, VIETNAM | Saturday 16:30-17:00 | Symposium 30: Pleural diseases |
|  Philip Eng | Mt Elizabeth Hospital, SINGAPORE | Thursday 14:00-14:30 14:30-15:00 15:30-16:00 Friday 11:30-12:00 | Pre-Congress Workshop 3: Imaging studies for respiratory disease: Chest Radiology for Clinicians Symposium 8: Thoracic Imaging |
|  Pyng Lee | National University Hospital, SINGAPORE | Thursday 10:00-10:30 11:00-11:30 Saturday 12:00-12:30 Saturday 17:00-17:30 | Pre-Congress Workshop 2: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung Cancer part I Symposium 24: Bronchoscopy and Interventional Pulmonology – Advances in Interventional Pulmonary Symposium 30: Pleural diseases |
|  Richard Beasley | Medical Research Institute of NEW ZEALAND | Friday 16:30-17:00 Saturday 9:00-9:30 | Symposium 14: Asthma I - New asthma treatment: finding value for money Symposium 18 Cell and Molecular Biology |

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|  Rodolfo Roman T. Bigornia | Chonghua Hospital, PHILIPPINES | Thursday 09:00-09:45 Thursday 10:15-10:45 Friday 15:00-15:30 | Pre-Congress Workshop 4: Oxygen therapy and mechanical ventilation Pre-Congress Workshop 4: Oxygen therapy and mechanical ventilation Symposium 11: Critical care medicine I – 52 years of ARDS: what strategies improve outcome? |
|  Shigeo Muro | Nara Medical University, JAPAN | Saturday 09:00-09:30 Sunday 11:30-12:00 | Symposium 19: Respiratory Structure and Function 2 – Defining COPD beyond FEV1 and Symptoms Symposium 38: COPD 4 |
|  Takafumi Suda | Hamamatsu University School Of Medicine, JAPAN | Friday 14:00-14:30 | Symposium 9: Interstitial lung diseases I |
|  Talant Sooronbaev | Center of Cardiology and Internal Medicine, KYRGYZSTAN | Saturday 14:30-15:00 Sunday 09:00-09:30 | Symposium 28: Pulmonary Hypertension Symposium 35: Pulmonary Circulation – Management and registry of pulmonary vascular diseases in APSR countries |
|  Tom John | Olivia Newton-John Cancer Research Institute, AUSTRALIA | Saturday 10:00-10:30 | Symposium 20: Lung cancer 4 |



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|  Vannesa M. McDonald | Priority Research Centre for Healthy Lungs, The University of Newcastle, AUSTRALIA | Thursday 14:00-14:30 Sunday 08:10-08:50 | Pre-Congress Workshop 1: Asthma - practical skills: inhaler devices and technique Plenary Lecture 3 - Woolcock Memorial Lecture -Individualised Management for Asthma – How far have we come? |
|  Vu Thanh Trung | Radiology Department, Bach Mai Hospital, VIETNAM | Thursday 9:30 - 10:00 11:00-11:30 Saturday 14:00- 14:30 | Pre-congress Workshop 3: Imaging studies for respiratory disease: Pleural Ultrasound Symposium 28: Pulmonary Hypertension |
|  Vu Van Giap | Respiratory Center, Bach Mai Hospital, VIETNAM | Thursday 10:30-11:00 16:00- 16:30 | Pre-Congress Workshop 2: Bronchoscopy and Interventional Techniques – The role of Interventional Pulmonologist in Lung Cancer part I |
| | | Friday 12:35-13:05 | Lunch symposium (AstraZeneca): How to better diagnose and treat your COPD patients? |
| | | Saturday 11:30-12:00 | Symposium 24: Bronchoscopy and Interventional Pulmonology – Advances in Interventional Pulmonology |
| | | Saturday 12:45 - 13:05 | Lunch symposium (Orient EuroPharma): Small airways: Unveiling of a hidden world |
|  Woo Jin Kim | Department of Internal Medicine, Kangwon National University Hospital, KOREA | Friday 12:00-12:30 | Symposium 7: Environmental & occupational health and epidemiology – Treat for occupational lung disease in Asia |

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|  Yasuhiko Nishioka | The University of Tokushima Graduate School, Tokushima, JAPAN | Saturday 16:30-17:00 | Symposium 29: Lung cancer 3 |
|  Yoshinori Hasegawa | National Hospital Organization, Nagoya Medical Center, JAPAN | Friday 16:30-17:00 | Symposium 13: Lung Cancer I – Diagnosis and treatment of lung cancer |
|  Yoshitaka Oku | Hyogo College of Medicine, JAPAN | Friday 12:00-12:30 | Symposium 5: Respiratory neurobiology and sleeps – Ambulatory Monitoring for Respiratory Function Assessment |
|  Yu-Lung LAU | The University of Hong Kong, HONG KONG | Saturday 10:00-10:30 | Symposium 21: Paediatric lungs diseases |
| | | Saturday 11:30- 12:00 | Symposium 23: Clinical allergy and immunology - Current topics in allergy and airway inflammation |



YOUNG INVESTIGATOR AWARDS

| APSR - ERS YOUNG INVESTIGATOR AWARD | |
|---|---|
|  | <p>Dr. Supraja Kalyanaraman The Madras Medical Mission, Chennai, India Presentation: Time to event analysis of VAP in patients undergoing cardiac surgery</p> |
|  | <p>Dr. Hana Khairina Putri Faisal Natural Science Center for Basic Research and Development, Hiroshima University, Hiroshima, Japan Presentation: Cell-free DNA as prognostic factor in lung adenocarcinoma</p> |
| APSR - ATS YOUNG INVESTIGATOR AWARD | |
|  | <p>Dr. Georgios Kitsios Division of Pulmonary, Allergy and Critical Care Medicine, UPMC Hospital, USA Presentation:</p> <ul style="list-style-type: none"> • How to deescalate and stop antibiotics • Prevention and treatment of VAP |
|  | <p>Dr. Eva M. Carmona Porquera Mayo Clinic, Rochester, USA Presentation:</p> <ul style="list-style-type: none"> • Diagnosis and treatment of invasive pulmonary aspergillosis • Update on treatment of fungal infection in immunocompromised patients |
| APSR - TSANZ YOUNG INVESTIGATOR AWARD | |
|  | <p>Dr. Jesse Armitage School of Biomedical Sciences, University of Western Australia Institute for respiratory health, Sir Charles Gardiner Hospital, Perth, West Australia Presentation: Transcriptomic analysis of peripheral blood mononuclear cells from stable COPD patients reveals important immunomodulatory changes in response to mesenchymal stromal cell infusion</p> |

| APSR - CHEST YOUNG INVESTIGATOR AWARD | |
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|  | <p>Dr. Carlos Aravena Leon Cleveland Clinic Foundation Presentation: Early outcomes with 3D printing and airway stents</p> |
| APSR - JRS YOUNG INVESTIGATOR AWARD | |
|  | <p>Dr. Naoyuki Kuse Department of Respiratory Medicine, Japanese Red Cross Medical Center, Tokyo, Japan Presentation: The safety of transbronchial lung cryobiopsy with combination of radial endobronchial ultrasonography and fluoroscopic guidance in diagnosis of diffuse parenchymal lung disease in Japan.</p> |
|  | <p>Dr. Keiji Oishi Department of Medicine and Clinical Science, Graduate School of Medicine, Yamaguchi, Ube, Japan Presentation: Imaging biomarkers of the small airways disease in asthmatics</p> |
|  | <p>Dr. Koichi Yamaguchi Department of Allergy and Respiratory Medicine, Gunma University Graduate School of Medicine, Maebashi, Japan Presentation: Clinical features in recurrence of anti-MDA5 autoantibodies positive dermatomyositis</p> |





PROGRAM

AT A GLANCE

HA LONG Bay, Quang Ninh

THURSDAY 14 NOVEMBER PROGRAM AT A GLANCE

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| 09:00-12:00 | <p>Pre-congress Workshop 1 Title: Asthma Diagnosis treatment monitoring part 1: Interpretation of biomarkers in asthma Room: 201</p> | <p>Pre-congress Workshop 2 Title: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung Cancer part 1 Room: 202</p> | <p>Pre-congress Workshop 3 Title: Imaging studies for respiratory disease: Pleural Ultrasound Room: 205</p> | <p>Pre-congress Workshop 4 Title: Oxygen therapy and mechanical ventilation Room: 249</p> | <p>Pre-congress Workshop 6 Title: Pulmonary function testing: From theory to clinical practice part 1 Room: 252</p> | <p>China Day Room: 257</p> |
| 12:00-14:00 | <p>Lunch Symposium Title: Tailored approach in COPD treatment escalation (Novartis) Room: 313</p> | | | <p>Lunch Symposium Title: Tailored approach in COPD treatment escalation (Novartis) Room: 313</p> | | |
| 14:00-17:00 | <p>Pre-congress Workshop 1 Title: Asthma - practical skills: inhaler devices and technique Room: 201</p> | <p>Pre-congress Workshop 2 Title: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung Cancer part 2 (Hands on) Room: 202</p> | <p>Pre-congress Workshop 3 Title: Imaging studies for respiratory disease: Chest radiology for clinicians Room: 205</p> | <p>13:00 - 17:00 Pre-congress Workshop 5 Title: Air Pollution: Understanding the problem and advocating for solution Room: 249</p> | <p>Pre-congress Workshop 6 Title: Pulmonary function testing: From theory to clinical practice part 2 Room: 252</p> | |
| 16:30-17:00 | <p>APSR Annual General Meeting (AGM) Room: 207</p> | | | <p>APSR Annual General Meeting (AGM) Room: 207</p> | | |
| 17:00 - 17:30 | <p>Ribbon cutting ceremony for exhibition (Ground floor)</p> | | | <p>Ribbon cutting ceremony for exhibition (Ground floor)</p> | | |
| 17:30-18:30 | <p>Opening Ceremony MMH Hall - First Floor</p> | | | <p>Opening Ceremony MMH Hall - First Floor</p> | | |
| 19:00 - 21:00 | <p>WELCOME RECEPTION Room: 101 - Ground Floor</p> | | | <p>WELCOME RECEPTION Room: 101 - Ground Floor</p> | | |



FRIDAY 15 NOVEMBER PROGRAM AT A GLANCE

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|-------------|---|---|---|---|---|--|--|--|---|
| 08:00-09:00 | Plenary lecture 1 State Room 2 | | | | | | | | |
| 09:00-10:30 | Symposium 1 Title: COPD 1 - Diagnosis and management of early COPD State Room 2 | Symposium 2 Title: Clinical Respiratory Medicine 1 - Dyspnea: the most disabling symptom State Room 1 | Symposium 3 Title: Respiratory Structure and Function 1 - Mechanisms of non-reversible airflow obstruction in asthma Room: 101 | Symposium 4 Title: Respiratory infections (non-tuberculous) 1 Room: 313 | Oral session 1 Title: Tuberculosis 1 Room: 252 | Oral session 2 Title: COPD 1 Room: 254 | Oral session 3 Title: Lung cancer 1 Room: 257 | Oral session 4 Title: Environmental & occupational health and epidemiology 1 Room: 259 | 9:00- 12:00 Poster session 1 (Poster Area) |
| 10:30-11:00 | COFFEE BREAK (Ground Floor) | | | | | | | | |
| 11:00-12:30 | Symposium 5 Title: Respiratory neurobiology and sleeps - Ambulatory Monitoring for Respiratory Function Assessment State Room 2 | Symposium 6 Title: Clinical Respiratory medicine 2 - Chronic cough State Room 1 | Symposium 7 Title: Environmental & occupational health and epidemiology - Treat for occupational lung disease in Asia Room: 101 | Symposium 8 Title: Thoracic Imaging Room: 313 | Oral session 5 Title: Asthma 1 Room: 252 | Oral session 6 Title: Respiratory Infections (non-tuberculous) 1 Room: 254 | Oral session 7 Title: Interstitial lung disease 1 Room: 257 | Oral session 8 Title: Clinical respiratory Medicine 1 Room: 259 | 14:00- 17:00 Poster session 2 (Poster Area) |
| 12:30-14:00 | LUNCH SYMPOSIUM | | | | | | | | |
| | Title: How to better diagnose and treat your COPD patients? (AstraZeneca) Room: State Room 1 | | Title: Fibrosing Interstitial Lung Disease: Current and Future Perspectives (Boehringer Ingelheim) Room: State Room 2 | | Title: Comprehensive approach in respiratory diseases management (GSK) Room: 101 | | Title: Optimization COPD management in clinical practice (Novartis) Room: 313 | | |
| 14:00-15:30 | Symposium 9 Title: Interstitial lung diseases 1 State Room 2 | Symposium 10 Title: Tuberculosis 1 State Room 1 | Symposium 11 Title: Critical care medicine 1- 52 years of ARDS: what strategies improve outcome? Room: 101 | Symposium 12 Title: Young investigator awards Room: 313 | Oral session 9 Title: Respiratory Structure and Function Room: 252 | Oral session 10 Title: COPD 2 Room: 254 | Oral session 11 Title: Interstitial lung disease 2 Room: 257 | Oral session 12 Title: Bronchoscopy and Interventional Techniques 1 Room: 259 | 14:00- 17:00 Poster session 2 (Poster Area) |
| 15:30-16:00 | COFFEE BREAK (Ground Floor) | | | | | | | | |
| 16:00-17:30 | Symposium 13 Title: Lung Cancer 1 - Diagnosis and treatment of lung cancer State Room 2 | Symposium 14 Title: Asthma 1 - New asthma treatment: finding value for money State Room 1 | Symposium 15 Title: COPD 2 - Personalised management of airway diseases Room: 101 | Symposium 16 Title: Young investigator awards Room: 313 | Oral session 13 Title: Lung cancer 2 Room: 252 | Oral session 14 Title: Critical care medicine Room: 254 | Oral session 15 Title: Tuberculosis 2 Room: 257 | Oral session 16 Title: Cell and Molecular Biology 1 Room: 259 | 17:30-19:00 |
| 17:30-19:00 | APSR ASSEMBLY MEETINGS | | | | | | | | |



SATURDAY 16 NOVEMBER PROGRAM AT A GLANCE

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|-------------|---|--|---|---|--|--|---|---|---|--|
| 08:10-08:50 | Plenary Lecture 2 Title: Harasawa Memorial Lecture - Paradigm Shift of Management on Pulmonary Fibrosis State Room 2 | | | | | | | | | |
| 09:00-10:30 | Symposium 17 Title: Clinical respiratory medicine 3 - Treatment beyond medications State Room 2 | Symposium 18 Title: Cell and Molecular Biology State Room 1 | Symposium 19 Title: Respiratory Structure and Function 2 - Defining COPD beyond FEV1 and Symptoms Room: 101 | Symposium 20 Title: Lung cancer 2 Room: 313 | Symposium 21 Title: Paediatric Lung Disease Room: 252 | Oral session 17 Title: COPD 3 Room: 254 | Oral session 18 Title: Lung cancer 3 Room: 257 | Oral session 19 Title: Clinical allergy and immunology Room: 259 | 9:00- 12:00 Poster session 3 (Poster Area) | |
| 10:30-11:00 | COFFEE BREAK (Ground Floor) | | | | | | | | | |
| 11:00-12:30 | Symposium 22 Title: Scientific publication and grant submission State Room 2 | Symposium 23 Title: Clinical allergy and immunology - Current topics in allergy and airway inflammation State Room 1 | Symposium 24 Title: Bronchoscopy and Interventional Techniques - Advances in Interventional Pulmonology Room: 101 | Symposium 25 Title: Asthma 2 Room: 313 | Oral session 20 Title: Clinical Respiratory Medicine 2 Room: 252 | Oral session 21 Title: Asthma 2 Room: 254 | Oral session 22 Title: Tuberculosis 3 Room: 257 | Oral session 23 Title: Bronchoscopy and Interventional Techniques 2 Room: 259 | | |
| 12:30-14:00 | LUNCH SYMPOSIUM | | | | | | | | | |
| | Title: Asthma Management in Asia-Pacific area: Opportunities and challenges (AstraZeneca) Room: State Room 1 | Title: Putting COPD patient needs first: Time for optimising treatment and device selection (Boehringer Ingelheim) Room: State Room 2 | Title: Key highlight from APSR 2019 (GSK) Room: 313 | Title: Respiratory Infections: achieving rapid diagnosis through syndromic testing (Biofire diagnostics) Room: 101 | Title: Challenging for Treatment of CAP (Daiichi Sankyo) Room: 252 | Title: Sustainable Development Goals (SDGs) in the Asia-Pacific region with the collaboration with academia, pharmaceutical company, industry, and government office (JCAA) Room: 205 | Title: Small airways: Unveiling of a hidden world (Orient EuroPharma) Room: 202 | | 14:00- 17:00 Poster session 4 (Poster Area) | |
| 14:00-15:30 | Symposium 26 Title: COPD 3 State Room 2 | Symposium 27 Title: Interstitial lung disease 2 State Room 1 | Oral session 24 Title: Paediatric lungs diseases Room: 101 | Symposium 28 Title: Pulmonary Hypertension Room: 313 | Oral session 25 Title: Cell and Molecular Biology 2 Room: 252 | Oral session 26 Title: Respiratory Infections (non-tuberculous) 2 Room: 254 | Oral session 27 Title: Environmental & occupational health and epidemiology 2 Room: 257 | Oral session 28 Title: Respiratory Neurobiology and Sleep Room: 259 | | |
| 15:30-16:00 | COFFEE BREAK (Ground Floor) | | | | | | | | | |
| 16:00-17:30 | Symposium 29 Title: Lung cancer 3 State Room 2 | Symposium 30 Title: Pleural diseases State Room 1 | Symposium 31 Title: Tuberculosis 2 Room: 101 | Symposium 32 Title: E-cigarette and health Room: 313 | Oral session 29 Title: COPD 4 Room: 252 | Oral session 30 Title: Interstitial Lung Disease 3 Room: 254 | Oral session 31 Title: Respiratory Diseases 1 Room 257 | | | |
| 17:30-19:00 | APSR ASSEMBLY MEETINGS | | | | | | | | | |
| 19:15-21:30 | GALA DINNER at Daewoo Hanoi Hotel | | | | | | | | | |



SUNDAY 17 NOVEMBER PROGRAM AT A GLANCE

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|---------------|---|--|---|--|---|---|---|
| 08:10-08:50 | Plenary Lecture 3 Title: Woolcock Memorial Lecture - Individualised Management for Asthma – How far have we come? State Room 2 | | | | | | |
| 09:00-10:30 | Symposium 33 Title: Asthma 3 State Room 2 | Symposium 34 Title: Respiratory Infections (non-tuberculous) 2 State Room 1 | Symposium 35 Title: Pulmonary Circulation - Management and registry of pulmonary vascular diseases in APSR countries Room: 205 | Oral session 32 Title: Respiratory Infections (non-tuberculous) 3 Room: 202 | Oral session 33 Title: Asthma 3 Room: 252 | Oral session 34 Title: Clinical Respiratory Medicine 3 Room: 254 | Oral session 35 Title: Tobacco Control Room: 257 |
| 10:30-11:00 | COFFEE BREAK (Ground Floor) | | | | | | |
| 11:00-12:30 | Symposium 36 Title: Critical care medicine 2 - Ventilator associated pneumonia management in the era of antibiotic resistance State Room 2 | Symposium 37 Title: Respiratory Infections (non-tuberculous) 3 State Room 1 | Symposium 38 Title: COPD 4 Room: 205 | Oral session 36 Title: Respiratory Diseases 2 Room: 202 | Oral session 37 Title: Lung Cancer 4 Room: 252 | Oral session 38 Title: Tuberculosis 4 Room: 254 | |
| 12:30 - 13:00 | CLOSING CEREMONY State Room 2 | | | | | | |





PROGRAM

THURSDAY

14

NOVEMBER

TAM COC, Ninh Binh



THURSDAY 14 NOVEMBER DETAILED PROGRAM

| 9:00 - 17:00 Pre-congress Workshop I Room: 201 | | |
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| | Title: Asthma diagnosis treatment monitoring part I: Interpretation of biomarkers in asthma Chairs: Peter Gibson and Greg King | |
| 9:00 - 9:40 | The clinical role of FeNO in asthma control | Greg King (Australia) |
| 9:40 - 10:40 | Blood eosinophils and asthma management | Peter Gibson (Australia) |
| 10:40 - 11:20 | Lung function measurements in asthma care | Le Thi Tuyet Lan (Vietnam) |
| 11:20 - 12:00 | Patient reported outcome measures (PROMs) and their role in asthma management | Guy Marks (Australia) |
| 12:00-14:00 Lunch break Room: 313 | | |
| | Title: Asthma - practical skills: Inhaler devices and technique Chairs: Le Thi Tuyet Lan and Vanessa M. McDonald | |
| 14:00 - 14:30 | Does changing inhaler device impact real-life asthma Outcomes? And related inhaler device issues | Vanessa M. McDonald (Australia) |
| 14:30 - 15:00 | How to choose between devices in asthma management? | Le Thi Tuyet Lan (Vietnam) |
| 15:00 - 15:30 | Aerosol delivery issues in airway disease management: particle size and more! | Chin Kook Rhee (Korea) |
| 15:30 - 17:00 | Practical workshop: using devices | Vanessa M. McDonald (Australia) and Le Thi Tuyet Lan (Vietnam) |

| 9:00- 12:00 China Day at APSR Room: 257 | | |
|---|---|------------------------|
| | Chairs: Chunxue Bai, Zhenzong Du, Yanbin Zhou and Kwun Fong | |
| 9:00- 9:30 | Early Detection of Lung Cancer with Artificial Intelligence | Chunxue Bai (China) |
| 9:30- 10:00 | Medical Internet of Things | Yuanlin Song (China) |
| 10:00- 10:30 | TBD | Rongchang Chen (China) |
| 10:30- 11:00 | TBD | Kwun Fong (Australia) |
| 11:00- 11:05 | Lung Resident Mesenchymal Stem Cells Regulated Innate and Adaptive Immune Responses through HVEM-BTLA Pathway during ARDS | Tingting Cheng (China) |

| 11:05- 11:10 | The first experience of diagnosing idiopathic pulmonary ossification by transbronchial lung biopsy | Zhi Ao (China) |
|---|---|---------------------|
| 11:10- 11:15 | Diagnostic Accuracy of Xpert Xpress Flu/RSV for the detection of influenza and respiratory syncytial virus | Xuguang Guo (China) |
| 11:15- 11:20 | A novel Nordihydroguaiaretic Acid (NDGA) analogue, compound 3a, alleviates lipopolysaccharide (LPS)-induced acute lung injury | Yuting Lin (China) |
| 11:20- 11:25 | Effects of remote ischemic preconditioning on lung injury after cardiac, major vascular, and thoracic surgeries: A meta-analysis of randomized controlled trials | Di Lu (China) |
| 11:25- 11:30 | IL-1 β secreted by PM2.5-activated NLRP3 inflammasome could induce EMT event | Yunxia Wang (China) |
| 11:30- 11:35 | Clinical and Inflammatory Features of Exacerbations-Prone Asthma in Chinese Population: A Cross-sectional Study | Min Feng (China) |
| 11:35-11:40 | Altered exosome microRNA Profile in bronchoalveolar lavage fluid regulated metabolic networks in patients with Acinetobacter baumannii ventilator-associated pneumonia | Bo Zhou (China) |
| 11:40- 11:45 | Relationship between Nutritional Status and Lung Function in Hospitalized Elderly Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease Based on Geriatric Nutritional Risk Index | Zhe Zhang (China) |
| 11:45- 11:50 | The clinical significance of red cell distribution width, platelet count, pro-BNP and fibrinogen in the diagnosis of patients with COPD complicated with pulmonary hypertension | Yijun Chen (China) |
| 12:00- 14:00 Lunch break Room 313 | | |



| 9:00 - 16:30 Pre-congress Workshop 2 Room: 202 | | |
|--|---|---------------------------------|
| | Title: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung Cancer Part I Chairs: Bing Lam and Pyng Lee | |
| 9:00 - 9:30 | Diagnosis of Lung cancer: wash, brush, transbronchial lung biopsy and needle aspiration | Bing Lam (Hong Kong) |
| 9:30 - 10:00 | Staging of the mediastinum | David Chi-Leung Lam (Hong Kong) |
| 10:00 - 10:30 | Sampling the solitary pulmonary nodule | Pyng Lee (Singapore) |
| 10:30 - 11:00 | Central Airway Obstruction | Vu Van Giap (Vietnam) |
| 11:00 - 11:30 | Pleuroscopy for Pleural Effusion | Pyng Lee (Singapore) |
| 12:00-14:00 Lunch break Room: 313 | | |
| | Title: Bronchoscopy and Interventional Techniques - The role of Interventional Pulmonologist in Lung cancer part 2 (Hands on) | |
| 14:00 - 14:30 | Cryobiopsy | Hideo Saka (Japan) |
| 14:30 - 15:00 | EBUS Linear (hands on) | David Chi-Leung Lam (Hong Kong) |
| 15:00 - 15:30 | EBUS radial (hands on) | Masao Hashimoto (Japan) |
| 15:30 - 16:00 | Navigational bronchoscopy (hands on) | Bing Lam (Hong Kong) |
| 16:00 - 16:30 | Rigid Bronchoscopy with stenting (hands on) | Hideo Saka (Japan) |
| 9:00 - 16:30 Pre-congress Workshop 3 Room: 205 | | |
| | Title: Imaging studies for respiratory disease: Pleural Ultrasound Chairs: Gilles Mangiapan and Joshua Solomon | |
| 9:00 - 9:30 | How lung ultrasound helps us for pleural diseases | Gilles Mangiapan (France) |
| 9:30 - 10:00 | The normal lung: presentation of the normal lung and practice with normal volunteers | Vu Thanh Trung (Vietnam) |
| 10:00 - 10:30 | Pleural Ultrasound in diagnosis of TB | Gilles Mangiapan (France) |
| 10:30 - 11:00 | Role of Pleural Ultrasound in ICU | Gilles Mangiapan (France) |
| 11:00 - 11:30 | Pleural diseases: practice with patients with various pleural disease | All faculties |
| 12:00-14:00 Lunch break Room: 313 | | |



| | Title: Imaging studies for respiratory disease: Chest Radiology for Clinicians Chairs: Philip Eng and Nguyen Van Tho | |
|---|--|---|
| 14:00 - 14:30 | Basics of Chest X-ray and CT scan | Philip Eng (Singapore) |
| 14:30 - 15:00 | Common Chest X-ray abnormalities | Philip Eng (Singapore) |
| 15:00 - 15:30 | The roles of chest computed tomography in diagnosis of pulmonary tuberculosis | Nguyen Van Tho (Vietnam) |
| 15:30 - 16:00 | ICU Chest Radiology | Philip Eng (Singapore) |
| 16:00 - 16:30 | Low dose CT scan in screening of lung cancer | Bui Van Giang (Vietnam) |
| 9:00 - 11:15 Pre-congress Workshop 4 Room: 249 | | |
| | Title: Oxygen therapy and mechanical ventilation Chairs: Rodolfo Roman T. Bigornia and Jean-Pierre Frat | |
| 9:00 - 9:45 | Respiratory Physiology in the Positive Pressure Ventilation | Rodolfo Roman T. Bigornia (Philippines) |
| 9:45 - 10:15 | Non-invasive ventilation: Principles, Ventilators, and Settings | Do Ngoc Son (Vietnam) |
| 10:15 - 10:45 | Modes of Non-Invasive Ventilation: Principles and Outcome Assessment | Rodolfo Roman T. Bigornia (Philippines) |
| 10:45 - 11:15 | High flow nasal cannula: Mechanism, principles and indication | Jean-Pierre Frat (France) |
| 12:00-14:00 Lunch break Room: 313 | | |
| 13:00 - 17:00 Pre-congress Workshop 5 Room: 249 | | |
| | Title: Air pollution: Understanding the problem and advocating for solution | |
| 13:00 - 14:00 | Air pollution basics: - Pollutants and sources - Pollution exposures - Health effects and global trends | Neil Schluger (USA) |
| 14:00 - 15:00 | Local/Regional air pollution epidemiology - Region-specific sources - Disease burden and patterns - Status and trends in local monitoring, regulation | Tran Ngoc Dang (Vietnam) |
| 15:00 - 16:00 | Pillars of air quality management & Limits of clinical intervention - Exposure reduction - Source control | Carisse C. Hamlet (USA) |
| 16:00 - 17:00 | Communications and advocacy - Communicating with your patients and community - Key messaging and audience channels - A Resource Toolkit | Nicole Han (Singapore) |



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| 9:00 - 17:00 | Pre-congress Workshop 6 | Room: 252 |
| | Title: Pulmonary function testing: From theory to clinical practice 1 Chairs: Carl Mottram and Graham Hall | |
| 9:00 - 9:15 | Introduction | Carl Mottram (Canada) |
| 9:15 - 9:30 | Spirometry: from theory to practice | Le Thi Tuyet Lan (Vietnam) |
| 9:30 - 10:00 | Lung Volumes: How can we apply to clinical practice? | Carl Mottram (Canada) |
| 10:00 - 10:30 | DLCO: Is it still useful in clinical practice? | Carl Mottram (Canada) |
| 10:30 - 11:00 | Impulse Oscillometry | Graham Hall (Australia) |
| 12:00-14:00 | Lunch break | Room: 313 |
| | Title: Pulmonary function testing: From theory to clinical practice 2 Chairs: Carl Mottram and Graham Hall | |
| 14:00 -14:30 | Clinical exercise testing from 6MWT to Cardiopulmonary Exercises Testing: Clinical application | Carl Mottram (Canada) |
| 14:30 - 15:00 | Pulmonary Function Testing in Children: How can it aid to clinical practice | Graham Hall (Australia) |
| 15:00 - 15:30 | Case presentation and discussion | All faculties |
| 11:45 -14:00 | LUNCH SYMPOSIUM Sponsored by Novartis | Room: 313 |
| | Title: Tailored approach in COPD treatment escalation Chair: Le Thi Tuyet Lan | |
| 11:45 - 11:50 | Welcome speech | Ho Thi Thanh Van (Novartis) |
| 11:50 - 11:55 | Opening speech | Le Thi Tuyet Lan (Vietnam) |
| 11:55 - 12:15 | Foundation of COPD management: mono or dual bronchodilators? | Le Khac Bao (Vietnam) |
| 12:15 - 12:35 | Optimal choice among LABA/LAMAs: An evidence based decision | Marc Miravittles (Spain) |
| 12:35 - 13:00 | Q&A & Conclusion | All |
| 16:30 - 17:00 | APSR Annual General Meeting (AGM) | Room: 207 |
| 17:00 - 17:30 | Ribbon cutting ceremony for exhibition | Ground floor |
| 17:30 - 18:30 | Opening Ceremony | MMH Room |
| 19:00 - 21:00 | Welcome Reception | Room: 101 |





PROGRAM
FRIDAY
15
NOVEMBER

SON DOONG Cave, Quang Binh

FRIDAY 15 NOVEMBER DETAILED PROGRAM

| | | |
|--------------------|--|----------------------------------|
| 08:00-09:00 | Plenary lecture 1 | State Room 2 |
| 8:00 - 8:30 | Biomarkers for lung cancer | Kwun Fong (Australia) |
| 8:30 - 9:00 | Management of COPD & Asthma, lessons from Vietnam | Ngo Quy Chau (Vietnam) |
| 09:00-10:30 | Symposium 1 | State Room 2 |
| | Title: COPD I - Diagnosis and management of early COPD Chairs: Dinh Xuan Anh Tuan and Chin Kook Rhee | |
| 9:00 - 9:30 | Early COPD - Why we should care? | Chin Kook Rhee (Korea) |
| 9:30 - 10:00 | Management of early stage COPD | Dave Singh (United Kingdom) |
| 10:00 - 10:30 | Clinical features: Abnormalities in smokers with preserved spirometry | Dinh Xuan Anh Tuan (France) |
| 09:00-10:30 | Symposium 2 | State Room 1 |
| | Title: Clinical respiratory Medicine I - Dyspnea: the most disabling symptom Chairs: Yun Wing Thomas Mok and Vu Van Giap | |
| 9:00 - 9:30 | Assessment and quantification of dyspnea | Greg King (Australia) |
| 9:30 - 10:00 | Cardiopulmonary exercise testing for patients with dyspnea | Chung Ming Chu (Hong Kong) |
| 10:00 - 10:30 | Non-pharmacotherapy for dyspnea | Do Ngoc Son (Vietnam) |
| 09:00-10:30 | Symposium 3 | Room: 101 |
| | Title: Respiratory Structure and Function I - Mechanisms of non-reversible airflow obstruction in asthma Chairs: Robert John Hancox and Le Khac Bao | |
| 9:00 - 9:30 | The developmental origins of non-reversible airflow obstruction | Robert John Hancox (New Zealand) |
| 9:30 - 10:00 | Mechanisms - inflammation, remodeling of the lung in nonreversible airflow obstruction in asthma | Greg King (Australia) |
| 10:00 - 10:30 | How effective is current treatment for non-reversible airflow obstruction in asthma? | Le Khac Bao (Vietnam) |
| 09:00-10:30 | Symposium 4 | Room: 313 |
| | Title: Respiratory infections (non - tuberculosis) I Chairs: Francesco Blasi and Ki - Suck Jung | |
| 9:00 - 9:30 | Advanced techniques in diagnostic microbiology | Pham Hong Nhung (Vietnam) |
| 9:30 - 10:00 | Emerging respiratory infections in the Asia-Pacific region: Diagnosis and Management | Ki - Suck Jung (Korea) |
| 10:00 - 10:30 | Update on treatment of community acquired pneumonia | Francesco Blasi (Italy) |

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| 9:00 - 10:10 | Oral session 1 | Room: 252 |
| | Title: Tuberculosis I Chairs: Toshie Manabe and Nguyen Viet Nhung | |
| 9:00 - 9:10 | Local patients' perceptions of "Directly observed therapy" (DOT) in TB management | Najhan Rosli, Aida Nazurah Aman Sarifudin, Ai Khiang Goon, Li Cher Loh Abstract No. AO001 |
| 9:10 - 9:20 | Congenital disseminated tuberculosis: a diagnostic dilemma | Annalou Menina Barliso Abstract No. AO002 |
| 9:20 - 9:30 | Prevalence of latent tuberculosis among household contacts of patients with multidrug-resistant tuberculosis in Vietnam | Binh Thi Cam Nguyen, Greg James Fox, Anh Thu Nguyen, Duc Thi Thuan Tran, Hoa Binh Nguyen, Guy Barrington Marks, Nhung Viet Nguyen Abstract No. AO003 |
| 9:30 - 9:40 | Treatment success of drug resistant tuberculosis in human immunodeficiency virus coinfecting patient and related factors | Eviriana R.H. Simarmata, Heidy Agustin, Erlina Burhan, Eppy Ibrahim Abstract No. AO005 |
| 9:40 - 9:50 | Successful high-dose steroid re-addition to anti-tuberculous therapy in a patient with refractory tuberculous meningitis | Fumio Kurosaki, Kyoko Yokosuka, Tomonori Kuroki, Toshio Numao, Takuji Suzuki, Masashi Bando, Koichi Hagiwara Abstract No. AO006 |
| 9:50-10:00 | Clinical characteristics and treatment outcome of multidrug-resistant tuberculosis in a tertiary centre in Malaysia: a two-year experience | Han Loong Tan, Siti Shanas Shahul Hamid, Syazatul Syakirin Sirol Aflah, Noorul Afidza Muhammad, Zamzurina Abu Bakar, Nurhayati Mohd Marzuki Abstract No. AO008 |
| 10:00-10:10 | Previously Treated Drug-Resistant Tuberculosis (DR-TB) Have Lower BMI than Primary DR-TB | Ika Fajarwati, Gatut Priyonugroho, Diah Handayani, Fachrul Tamrin, Erlina Burhan, Nugroho Harry Susanto Abstract No. AO009 |

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| 9:00 - 10:20 | Oral session 2 | Room: 254 |
| | Title: COPD I Chairs: Kazuto Matsunaga and Alberto Papi | |
| 9:00 - 9:10 | Characterisation of the frequent exacerbator in chronic obstructive pulmonary disease patients: a retrospective study conducted in Shanghai | Fangying Lu, Yi Guo, Bing Liu Abstract No. AL0001 |
| 9:10 - 9:20 | IL-33 and TSLP receptor expression on airway dendritic cells in stable, non-atopic, eosinophilic COPD | Damian Tworek, Karolina Szewczyk, Aleksandra Żal, Zofia Kurmanowska, Sylwia Kwiatkowska, Sebastian Majewski, Adam Antczak Abstract No. AO011 |



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| 9:20 - 9:30 | Evaluation of asthma characteristics in severe and extremely severe COPD | Feng-jia Chen, Geng-peng Lin, Xin-yan Huang, Yang-li Liu, Zhi-min Zeng, Yu-biao Guo Abstract No. AO014 |
| 9:30 - 9:40 | Racial difference in comorbidity profile among COPD patients with smoking history: Comparison data from the KOCOSS and COPD Gene studies | Hye Yun Park, Hyun Lee, Danbee Kang Kang, James Crapo, Edwin K. Silverman, Juhee Cho, Kwang Ha Yoo Abstract No. AO016 |
| 9:40 - 9:50 | Effect of long-term azithromycin therapy in COPD patients with or without bronchiectasis. | Yeonseok Choi, Hyun kyu Cho, Sun Hye Shin, Young-Bum Park, Hye Yun Park Abstract No. AO017 |
| 9:50 - 10:00 | Study of the effect of treatment of H-pylori infection on the prognosis of chronic obstructive pulmonary disease (COPD). | Ibrahim Salaheldin Ibrahim, Reham Elkololy, Safaa Mohamed Elmekwie, Ali Mohamed Abdella, Hanan Samir Salem Abstract No. AO018 |
| 10:00 - 10:10 | Analysis of risk factors for short-term readmission after acute exacerbation of COPD -a regression analysis based on database | Yuandi Wang, Zhenyu Liang, Wenhua Jian, Dongying Zhang, Jinping Zheng Abstract No. AO139 |
| 10:10-10:20 | Relationship between Nutritional Status and Lung Function in Hospitalized Elderly Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease Based on Geriatric Nutritional Risk Index | Zhe Zhang, Yuandi Wang, Zhenyu Liang, Yuqiong Yang, Qiasheng Li, Yijun Chen, Wenhua Jian, Jinping Zheng Abstract No. AO234 |

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| 9:00 – 10:20 Oral session 3 | | Room: 257 |
| Title: Lung Cancer I | | |
| Chairs: Sita Andarini and Kwun Fong | | |
| 9:00 - 9:10 | Treatment for early stage non-small cell lung cancer by stereotactic body radiation therapy and the role of PET/CT | Luan Van Pham, Tien Dinh Nguyen, Ha Ngoc Le, Bieu Quang Bui Abstract No. AL0002 |
| 9:10 - 9:20 | Result of thoracoscopic talc pleurodesis treated malignant pleural effusions in 103 hospital from 2013 to 2018 | Ta Ba Thang, Do Quyet, Nguyen Huy Luc, Dao Ngoc Bang, Mai Xuan Khan, Pham Thi Kim Nhung, Bach Quoc Tuan Abstract No. AO019 |
| 9:20 - 9:30 | Isolated Psammomatous Melanotic Schwannoma in the mediastinum: a rare diagnostic and therapeutic puzzle a case report and review of literature | Carla Emille Barbon, Sandy Maganito, Rich Ericson King, Roland Reuben Angeles, Manuel Peter Jorge II Abstract No. AO020 |

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| 9:30 - 9:40 | Prevalence of latent tuberculosis infection among patients with lung cancer | Chisato Kamimaki, Nobuaki Kobayashi, Momo Hirata, Sousuke Kubo, Seigo Katakura, Shuhei Teranishi, Saki Manabe, Masaki Yamamoto, Makoto Kudo, Takeshi Kaneko Abstract No. AO021 |
| 9:40 - 9:50 | Survival outcomes of patients with wedge resection and segmentectomy in stage IA NSCLC and its major subtypes | Guoshu Li, Shuanshuan Xie, Changhui Wang Abstract No. AO02 |
| 9:50 - 10:00 | Role of Surgery in Patients with Early Stage Small-Cell Lung Cancer | Guoshu Li, Shuanshuan Xie, Changhui Wang Abstract No. AO024 |
| 10:00 - 10:10 | Diagnostic value of EGFR mutation test from plasma (CTDNA) compared with tissue sample on non-small cell lung cancer | Herman Herman, Suryanti Dwi Pratiwi, Ngakan Putu Parsama Putra Abstract No. AO025 |
| 10:10-10:20 | Diagnostic Accuracy of LI Hounsfield Unit method compared to QCT in detecting osteoporosis in a lung cancer screening cohort | Ian Gordon Sarno, Henry Marshall, Katrina Hopcraft Abstract No. AO026 |

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| 9:00 – 10:00 Oral session 4 | | Room: 259 |
| Title: Environmental & Occupational Health and Epidemiology I | | |
| Chairs: Woo Jin Kim and Guy Marks | | |
| 9:00 - 9:10 | Fraction exhaled Nitrous Oxide (FENO) and associated factors of women exposed to biomass fuel smoke: findings from Sri Lanka | Gihani Jayaweera, Savithri Wimalasekera, Sampatha Goonewardena Abstract No. AO029 |
| 9:10 - 9:20 | Role of ZC3H4 in silica-induced pulmonary fibrosis | Hammad Ghafoor, Han Chu, Jie Chao Abstract No. AO030 |
| 9:20 - 9:30 | Analysis of carbon monoxide exposure and its effect to lung function of parking officer in basement Mal X Pekanbaru | Indi Esha, Zarfiandy Aksa Fauzi Abstract No. AO031 |
| 9:30 - 9:40 | Stay indoors to avoid exposure to high-density fine particulates | Jaechun Jason Lee, Byeongzu Ghang, Changwan Kim Abstract No. AO032 |
| 9:40 - 9:50 | A deep learning computer-assisted diagnosis aiding program with CT scan for screening of Asbestosis | Jun Pyo Myong, Jae Seung Song, Sung Won Han Abstract No. AO033 |
| 9:50 - 10:00 | Investigation of silicosis caused by agglomerated quartz stone processing dust | Ling Mao, Shaowei Zhou, Zidan Chen, Jin Shi, Luqin Bian, Wen Jun, Daoyuan Sun Abstract No. AO034 |

10:30-11:00 **COFFEE BREAK****Ground Floor**

| 11:00-12:30 | Symposium 5 | State Room 2 |
|---------------|--|-----------------------------|
| | Title: Respiratory neurobiology and sleeps - Ambulatory Monitoring for Respiratory Function Assessment Chairs: Yoshitaka Oku and Duong Quy Sy | |
| 11:00 - 11:30 | Exhaled biomarkers and exacerbation of respiratory diseases | Dinh Xuan Anh Tuan (France) |
| 11:30 - 12:00 | Non-invasive techniques for pulmonary function assessment | Carl Mottram (Canada) |
| 12:00 - 12:30 | Coordination between breathing and swallowing and exacerbation of respiratory diseases | Yoshitaka Oku (Japan) |

| 11:00-12:30 | Symposium 6 | State Room 1 |
|---------------|--|---------------------------|
| | Title: Clinical Respiratory medicine 2 - Chronic cough Chairs: Roland Leung and Alyn Morice | |
| 11:00 - 11:30 | Assessment and treatment of cough in primary care | Alyn Morice (UK) |
| 11:30 - 12:00 | Cough variant asthma | Nguyen Nhu Vinh (Vietnam) |
| 12:00 - 12:30 | Uncommon causes of chronic cough | Alyn Morice (UK) |

| 11:00-12:30 | Symposium 7 | Room: 101 |
|---------------|---|------------------------|
| | Title: Environmental & occupational health and epidemiology - Treat for occupational lung disease in Asia Chairs: Woo Jin Kim and Ngo Quy Chau | |
| 11:00 - 11:30 | Air pollution and chronic respiratory diseases | Ngo Quy Chau (Vietnam) |
| 11:30 - 12:00 | Management of air pollution related lung diseases in Asia | Guy Marks (Australia) |
| 12:00 - 12:30 | Benefits of reducing air pollution on respiratory diseases | Woo Jin Kim (Korea) |

| 11:00-12:30 | Symposium 8 | Room: 313 |
|---------------|---|-------------------------------|
| | Title: Thoracic Imaging Chairs: Philip Eng and Gilles Mangiapan | |
| 11:00 - 11:30 | Imaging studies of mediastinal mass | Nguyen Truong Giang (Vietnam) |
| 11:30 - 12:00 | Patterns in chest radiology: cystic and cyst-like structures, emphysema | Philip Eng (Singapore) |
| 12:00 - 12:30 | Pleural ultrasound in the evaluation of pleural effusion | Gilles Mangiapan (France) |

| 11:00-11:50 | Oral session 5 | Room: 252 |
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| | Title: Asthma I Chairs: David Price and Juan C Celedon | |
| 11:00-11:10 | Peripheral blood basophils predict asthma control: A one-month prospective cohort study | Dan Huang, Gang Wang Abstract No. AL0004 |

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| 11:10 - 11:20 | Clinical and inflammatory features of exacerbations-prone asthma in Chinese population: A cross-sectional study | Min Feng, Xin Zhang, Lei Wang, Hong Ping Zhang, Gang Wang Abstract No. AL0005 |
| 11:20- 11:30 | Variability of total IgE correlates with the annual severe asthma exacerbations: A prospective cohort study in real-world setting | Yulai Yuan, Xin Zhang, Gang Wang Abstract No. AL0017 |
| 11:30- 11:40 | Fractional exhaled Nitric Oxide (FENO) analysis in the management of cough-variant asthma | Binu Krishnan, S Priya Abstract No. AO036 |
| 11:40- 11:50 | Improvement of controlled asthma in patients with asthma during GINA implementation: A 5-year observational follow-up study | Nguyen Van Tho, Vu Tran Thien Quan, Le Thi Tuyet Lan Abstract No. AO040 |

| 11:00-12:00 | Oral session 6 | Room: 254 |
|--------------|---|---|
| | Title: Respiratory Infections (non-tuberculous) I Chairs: Nguyen Truong Giang and Soon Hin How | |
| 11:00- 11:10 | Ventilator-associated pneumonia secondary to Sphingomonas Paucimobilis infection in a septic shock patient: A case report | Martin Kristoffer Elises Ogbac, Pilar Madelyn P Rozul Abstract No. AL0006 |
| 11:10-11:20 | A rare presentation of Invasive Pulmonary Mucormycosis with central bronchopleural fistula | Antonious Selvam, Yuvarajan S, Praveen Radhakrishnan, Arunkumar Arasappa, Santhiya Ramachandran, Kamal Bharathi Abstract No. AO043 |
| 11:20-11:30 | Challenges in the diagnose and treatment of non-tuberculous mycobacteria pulmonary disease (NTM-PD) | Cuong Kim Nguyen, Anh Thu Nguyen, Thanh Ha Nguyen, Nhung Viet Nguyen Abstract No. AO045 |
| 11:30-11:40 | Correlation between risk factor of invasive candidiasis and 1,3-β-D-glucan in septic pneumonia | Dwi Rosa Eka Agustina, Ungky Agus Setyawan, Teguh Rahayu Sartono Abstract No. AO047 |
| 11:40-11:50 | Systematic review and meta-analysis of mortality predictors in patients with carbapenem-resistant Acinetobacter baumannii | Xingran Du, Jing Yao, Kaili Deng, Ziyang Shen, Ganzhu Feng Abstract No. AO048 |
| 11:50-12:00 | Impaired cough- and sputum-related quality of life in patients with Nontuberculous mycobacteriosis | Hiromasa Nakayasu, Toshihiro Shirai, Keita Hirai, Takahito Suzuki, Yuko Tanaka, Hirofumi Watanabe, Mika Saigusa, Taisuke Akamatsu, Akito Yamamoto, Kazuhiro Asada Abstract No. AO049 |



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| 12:00-12:10 | Time to event analysis of VAP in patients undergoing cardiac surgery | K Supraja, Menon Thangam, S Sharmila, Patra Antara Abstract No. AO205 |
| 11:00-11:50 Oral session 7 Room: 257 | | |
| Title: Interstitial Lung Disease I | | |
| Chairs: Takafumi Suda and Joshua Solomon | | |
| 11:00 - 11:10 | The psychological distress that idiopathic pulmonary fibrosis patients and caregivers experience. The invisible injury that adds complexity to management and treatment. | Debra Gaye Sandford, Paul Nigel Reynolds, Hubertus Jersmann, Oliver Klaus Schubert Abstract No. AO050 |
| 11:10-11:20 | The deletion of FAM 13A exacerbates pulmonary fibrosis by activating beta-catenin mediated epithelial to mesenchymal transition | Elda Putri Rahardini, Koji Ikeda, Dhite Bayu Nugroho, Ken-ichi Hirata, Noriaki Emoto Abstract No. AO051 |
| 11:20-11:30 | A nationwide post-marketing study investigating safety and efficacy of pirfenidone in Korean patients with advanced idiopathic pulmonary fibrosis | Jin Woo Song, Man Pyo Chung, Moo Suk Park, In Jae Oh, Heung Bum Lee, Young Whan Kim, Jong Sun Park, Soo Taek Uh, Yun Seong Kim, Yang Jin Jegal Abstract No. AO053 |
| 11:30-11:40 | High-resolution computed tomographic findings in patients with amiodarone-induced lung injury | Manabu Murakami, Ryosuke Imai, Shosei Ro, Ryosuke Tsugitomi, Kohei Okafuji, Atsushi Kitamura, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura Abstract No. AO055 |
| 11:40-11:50 | Diagnosis of interstitial pneumonia by transbronchial cryobiopsy | Masaki Fujita, Takato Ikeda, Akira Nakao, Yoshiaki Kinoshita, Fumiyasu Igata, Naoko Kushima, Takemasa Matsumoto, Hiroshi Ishii Abstract No. AO056 |
| 11:00-12:10 Oral session 8 Room: 259 | | |
| Title: Clinical Respiratory Medicine I | | |
| Chairs: Dushantha Madegedara and Thierry Troosters | | |
| 11:00-11:10 | Fever, hepatic dysfunction and respiratory failure by intravesical Bacillus Calmette-Guerin (BCG) instillation; BCGitis | Ayfer Utkusavas Abstract No. AO058 |
| 11:10 - 11:20 | Respiratory care in children with cerebral palsy | Bunny Lou Marie Ocampos Binaoro, Mailyñ Capeña Gonzalez, Wivina Lopez Bancoro, Jacob C. Viniegas Abstract No. AO059 |



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| 11:20-11:30 | Factors affecting success of chemical pleurodesis in malignant pleural effusion in Chinese patients in Hong Kong | Charles Wong, Yi Tat Lo, Kit Ying Loletta So, Yin Chun Loretta Yam Abstract No. AO060 |
| 11:30-11:40 | Comparative analysis of clinical features in patients with sarcoidosis who have discordant levels of serum cathepsin S and ACE | Etsuro Yamaguchi, Kenshi Kosaka, Hiroyuki Tanaka Abstract No. AO061 |
| 11:40-11:50 | Clinical, paraclinical features and histologic causes of patients with malignant central airway obstruction | Giap Van Vu, Ha Ngoc Pham, Du Ngoc Nguyen, Ngo Quy Chau Abstract No. AO062 |
| 11:50-12:00 | Flucloxacillin induced acute eosinophilic pneumonia | Johnny Hong Chun Siu, Kelvin Hsu, Anthony Frankel Abstract No. AO064 |
| 12:00-12:10 | Pneumonitis following diesel fuel siphonage: A case report | Phu Ngoc Dao Abstract No. AO066 |
| 9:00-12:00 | POSTER SESSION I (Poster Area) | |
| 12:30-14:00 | LUNCH SYMPOSIUM | |
| 12:30-14:00 | LUNCH SYMPOSIUM Sponsored by AstraZeneca | State Room 1 |
| Title: How to better diagnose and treat your COPD patients? | | |
| 12:30 - 12:35 | Opening & Introduction | Dinh Xuan Anh Tuan (France) |
| 12:35 - 13:05 | Importance of early COPD diagnosis in primary care setting. | Vu Van Giap (Vietnam) |
| 13:05 - 13:45 | Phenotyping in COPD: Role of eosinophil? | Dave Singh (United Kingdom) |
| 13:45 - 14:00 | Q&A, Closing | Dinh Xuan Anh Tuan (France) |
| 12:30-14:00 | LUNCH SYMPOSIUM Sponsored by Boehringer Ingelheim | State Room 2 |
| Title: Fibrosing Interstitial Lung Disease: Current and Future Perspectives | | |
| Chairs: Ulrich Costabel and Ngo Quy Chau | | |
| 12:30 - 12:35 | Welcome and Introduction | Ulrich Costabel and Ngo Quy Chau |
| 12:35 - 13:00 | Diagnosis of IPF: Guidelines and Practice | Ulrich Costabel |
| 13:00 - 13:25 | Optimal Use of Antifibrotic Therapies in IPF | Marlies Wijsenbeek |
| 13:25 - 13:50 | Recent Advances in Progressive Fibrosing ILDs | Vincent Cottin |
| 12:30-14:00 | LUNCH SYMPOSIUM Sponsored by Novartis | Room: 313 |
| Title: Optimization COPD management in clinical practice | | |
| Chair: Nguyen Viet Nhung | | |



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| 12:30 - 12:35 | Welcome speech | Roeland Roelofs (Novartis) |
| 12:35 - 12:40 | Opening Speech | Nguyen Viet Nhung (Vietnam) |
| 12:40 - 13:10 | COPD outcomes enhancement from exacerbation approach | Marc Miravittles (Spain) |
| 13:10 - 13:40 | Mapping the role of LABA/LAMA in COPD treatment | Chin Kook Rhee (Korea) |
| 13:40 - 14:00 | Q&A and Conclusion | All |

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| 12:30-14:00 | LUNCH SYMPOSIUM Sponsored by GSK | Room: 101 |
| | Title: Comprehensive approach in respiratory diseases management Chairs: Dinh Ngoc Sy and Nguyen Van Thanh | |
| 12:30-12:35 | Opening | Dinh Ngoc Sy |
| 12:35-13:05 | Inflammation control vs Symptom control: What should we aim for asthma management | Jose Jardim (Brazil) |
| 13:05-13:25 | Evidence based use of antibiotics in the management of LRTI | Sibel Ascioğlu |
| 13:25-13:45 | Discussion and Closing | Nguyen Van Thanh (Vietnam) |

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| 14:00-15:30 | Symposium 9 | State Room 2 |
| | Title: Interstitial lung diseases I Chairs: Takafumi Suda and Joshua Solomon | |
| 14:00 - 14:30 | Overview of ILDs - etiologies/classifications | Takafumi Suda (Japan) |
| 14:30 - 15:00 | Connective tissue diseases related ILD | Joshua Solomon (USA) |
| 15:00 - 15:30 | Hypersensitivity pneumonitis | Duong Quy Sy (Vietnam) |

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| 14:00-15:30 | Symposium 10 | State Room 1 |
| | Title: Tuberculosis I Chairs: Nguyen Viet Nhung and Digambar Behera | |
| 14:00 - 14:30 | It is time to end TB globally: Vietnamese and other models | Nguyen Viet Nhung (Vietnam) |
| 14:30 - 15:00 | Drug Resistant TB | Digambar Behera (India) |
| 15:00 - 15:30 | TB Prevention | Nguyen Viet Nhung (Vietnam) |

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| 14:00-15:30 | Symposium 11 | Room: 101 |
| | Title: Critical care medicine I- 52 years of ARDS: what strategies improve outcome? Chairs: Stephanie Levine and Rodolfo Roman T. Bigornia | |
| 14:00 - 14:30 | Respiratory failure, ARDS in pregnancy | Stephanie Levine (USA) |
| 14:30 - 15:00 | Extracorporeal Membrane Oxygenation (ECMO) | Dao Xuan Co (Vietnam) |
| 15:00 - 15:30 | Heart & Lung Interaction in ALIARDS | Rodolfo Roman T. Bigornia (Philippines) |

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| 14:00-14:40 | Symposium 12 | Room: 313 |
| | Young investigator awards Chairs: Kwun Fong and Kazuto Matsunaga | |
| 14:00 - 14:10 | Time to event analysis of VAP in patients undergoing cardiac surgery | Supraja Kalyanaraman (India) - <i>APSR ERS Young Investigator Award</i> |
| 14:10 - 14:20 | Cell-free DNA as prognostic factor in lung adenocarcinoma | Hana Khairina Putri Faisal (Indonesia) - <i>APSR ERS Young Investigator Award</i> |
| 14:20 - 14:30 | Transcriptomic analysis of peripheral blood mononuclear cells from stable COPD patients reveals important immunomodulatory changes in response to mesenchymal stromal cell infusion | Jesse Armitage (Australia) - <i>APSR TSANZ Young Investigator Award</i> |
| 14:30 - 14:40 | Early outcomes with 3D printing and airway stents | Carlos Aravena Leon (USA) - <i>APSR CHEST Young Investigator Award</i> |

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| 14:00-15:10 | Oral session 9 | Room: 252 |
| | Title: Respiratory Structure and Function Chairs: Shigeo Muro and Graham Hall | |
| 14:00-14:10 | Rare presentation of pulmonary varix with pulmonary agenesis | Antonious Selvam, Yuvarajan S, Praveen Radhakrishnan, Kamal Bharathi, Santhiya Ramachandran Abstract No. AO067 |
| 14:10-14:20 | Weight loss improved respiratory function and respiratory system impedance in obese subjects. | Etsuhiro Nikkuni, Yu Igarashi, Tomoyuki Murakami, Tokiwa Tamai, Shinya Ohkouchi, Masao Tabata, Toshiya Irokawa, Hiromasa Ogawa, Hajime Kurosawa Abstract No. AO068 |
| 14:20-14:30 | Relationship between Airway Tree to Lung Volume Ratio and Small Airway Disease in COPD. | Hiroshi Shima, Naoya Tanabe, Tsuyoshi Oguma, Susumu Sato, Yoko Hamakawa, Kunihiko Terada, Takeshi Kubo, Satoshi Kozawa, Atsuyasu Sato, Toyohiro Hirai Abstract No. AO069 |
| 14:30-14:40 | Dual blockade of orexin receptors does not affect ventilation in mice | Isato Fukushi, Shigefumi Yokota, Kotaro Takeda, Jiro Terada, Yasumasa Okada Abstract No. AO070 |



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| 14:40-14:50 | Beta-blocker: A cause of cough syncope with an important pathophysiology | Krislyn Panugayan, Patricia Elise Malaya, May Crystel Rago, Manilyn Lejos- Sabado, Jim Paulo Pantas, Camilo, Jr. Roa Abstract No. AO072 |
| 14:50-15:00 | The accuracy of Impulse Oscillometry System (IOS) as a surrogate test in determining ventilatory patterns among Filipino adults seen at Manila Doctors Hospital | Manilyn Lejos-Sabado, Albert Albay, Jr, Dennis Teo Abstract No. AO073 |
| 15:00- 15:10 | Tracheal bronchus and combined malformation | Luong Van Hoang Abstract No. AO276 |

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| 14:00-15:30 | Oral session 10 | Room: 254 |
| | Title: COPD 2 | |
| | Chairs: Vanessa M. McDonald and Le Khac Bao | |
| 14:00-14:10 | Relationship between physical inactivity and white matter microstructure disorder in COPD | Tsunahiko Hirano, Shun Takahashi, Tomohiro Donishi, Kasumi Yasuda, Keiko Doi, Kazuyoshi Suga, Yusuke Mimura, Keiji Oishi, Nobutaka Edakuni, Kazuto Matsunaga Abstract No. AL0009 |
| 14:10-14:20 | Longitudinal change in air trapping and associated change in lung function in patients with chronic obstructive pulmonary disease | Jeong Uk Lim, Jeong Uk Lim, Jae Seung Lee, Ji-Hyun Lee, Sang-Do Lee, Yeon-Mok Oh, Chin Kook Rhee Abstract No. AO075 |
| 14:20-14:30 | Impact of abnormal blood glucose and stress hyperglycaemia ratio on short-term outcomes in acute exacerbation of COPD | Kashish Gupta, Bharat Bhushan Sharma, Sanjay Gupta, Raman Sharma, Virendra Singh, Shekhar Kunal Abstract No. AO077 |
| 14:30-14:40 | The relevance between small airway disease and lung blood perfusion in COPD: A preliminary study | Kazuki Hamada, Keiji Oishi, Kazuki Matsuda, Yoshie Kunihiro, Takehiro Shiinoki, Maki Asami, Nobutaka Edakuni, Munemasa Okada, Tsunahiko Hirano, Kazuto Matsunaga Abstract No. AO078 |
| 14:40-14:50 | HBO1 attenuate lung apoptosis in cigarette smoke extract-induced emphysema model via the WNT signaling pathway | Lijuan Luo, Naixin Kang, Tiao Li, Xue He, Lin Chen, Yan Chen Abstract No. AO079 |
| 14:50-15:00 | Effect of a COPD discharge bundle on readmission outcomes: a preliminary cohort study in a private tertiary hospital in the Philippines | Maria Katrina Ramos Rivera AO080 |
| 15:00-15:10 | Study of the decaf score to predict the prognosis of mortality for acute exacerbations of chronic obstructive pulmonary disease in Hue Central Hospital | Minh An Thi Van, Bang Van Le, Lan Huong Thi Hoang Abstract No. AO081 |

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| 15:10-15:20 | COPD and Asthma-COPD overlap: Differences in clinical characteristics and treatment outcomes | Phu Ngoc Dao, Phuong Thu Phan Abstract No. AO082 |
| 15:20 - 15:30 | Cardiovascular co-morbidities of COPD and PRISM in non-smoking population | Joo Hun Park, Ji Eun Park, Seung Soo Sheen, Woo Young Chung, Sung Chul Hwang Abstract No. AO076 |

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| 14:00-15:10 | Oral session 11 | Room: 257 |
| | Title: Interstitial Lung Disease 2 | |
| | Chair: Arata Azuma and Moo Suk Park | |
| 14:00-14:10 | Extensive pneumo-mediastinum and surgical emphysema in a patient with organizing pneumonia; an unusual occurrence of a relatively rare disease | Harshana Bandara, Dawpadee Dharmasena, Thanuja Thissera, Sugeesha Wickramasinghe, Thushara Bandara, Chanaka Rathnayake, Sumudu Palihawadana, Amila Rathnapala, Saman Kularatne Abstract No. AL0010 |
| 14:10-14:20 | Nintedanib plus sildenafil versus Nintedanib alone in Asian patients with Idiopathic pulmonary fibrosis and severely impaired gas exchange | Jin Woo Song, Yasuhiro Kondoh, Yoshikazu Inoue, Takefumi Saito, Young Whan Kim, Nitesh Shah, Birgit Schinzel, Manuel Quaresma, Martin Kolb Abstract No. AO083 |
| 14:20-14:30 | Clinical Factors and Outcomes for Therapeutic Delay in Idiopathic Pulmonary Fibrosis | Naoya Iwanami, Shu Hisata, Hiroyoshi Yamauchi, Toshikazu Takasaki, Yasumaro Fujiki, Masayuki Nakayama, Naoko Mato, Takuji Suzuki, Masashi Bando, Koichi Hagiwara Abstract No. AO084 |
| 14:30-14:40 | Nicefit study 1 year follow up result | Shih-Lung Cheng, Hao-Chien Wang, Diahn-Warng Perng, Chih-Feng Chian, Kuo-Chin Kao, Jeng-Yuan Hsu, Liang-Wen Hang, Ching-Hsiung Lin, Chau-Chyun Sheu, Wen-Feng Fang Abstract No. AO085 |
| 14:40-14:50 | MIPAF study: Malaysian observational study to describe Idiopathic Pulmonary Fibrosis (IPF) baseline presentation and outcome with anti-fibrotic | Syazatul Syakirin Sirol Aflah, Mohd Syahin Syahira Lilah, Norni Natriah Yusoff, Mohammad Hakim Jamil, Khoo Ming Yi, Noorul Afidza Muhammad Abstract No. AO086 |



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| 14:50-15:00 | Occurrence of obstructive sleep apnea in patients of interstitial lung disease | Tome Kamgo, Raj kumar Abstract No. AO089 |
| 15:00-15:10 | Biomarkers of disease progression in Asian subjects with idiopathic pulmonary fibrosis treated with nintedanib: Subgroup analysis of the inmark trial | Yasuhiko Nishioka, Jin Woo Song, Yasuhiro Kondoh, Young Whan Kim, Osamu Nishiyama, Susanne Stowasser, Andreas Michael, Claudia Diefenbach, Klaus B Rohr, Toby M Maher Abstract No. AO087 |
| 14:00-15:30 | Oral session 12 | Room: 259 |
| | Title: Bronchoscopy and Interventional Techniques I | |
| | Chairs: Pyng Lee and Agasthian Thirugnanam | |
| 14:00-14:10 | Clinical symptoms and etiologies of patients with benign central airway obstruction at tertiary hospital in Vietnam | Vu Van Giap, Ngo Quy Chau, Nguyen Duc Linh, Hoang Anh Duc, Nguyen Ngoc Du Abstract No. AL0011 |
| 14:10-14:20 | Impact of frozen section evaluation of Pleuroscopic biopsy in management of pleural effusion | Ameer Karavathukudy Azeez, Arjun Padmanabhan, Sajan J M Abstract No. AO090 |
| 14:20-14:30 | Efficacy and Safety of Cryo Transbronchial Lung Biopsy vs Forceps Lung Biopsy in Interstitial lung diseases and Lung Cancer | Arpan C Shah Abstract No. AO091 |
| 14:30-14:40 | The initial result of Bronchoscopic lung volume reduction by one-way valve in treatment of COPD patients with severe emphysema in Vietnam | Bang Ngoc Dao, Hung Khac Dong, Luc Huy Nguyen, Quyet Do, Thang Ba Ta Abstract No. AO092 |
| 14:40-14:50 | Usefulness of Jackson mask ventilation during bronchoscopy in patients presenting with acute respiratory failure | Hiroshi Takumida, Manabu Suzuki, Masao Hashimoto, Satoru Ishii, Gou Naka, Motoyasu Iikura, Shinyu Izumi, Yuuichirou Takeda, Masayuki Hojo, Haruhito Sugiyama Abstract No. |
| 14:50-15:00 | Diagnostic utility of bronchoscopy for peripheral pulmonary lesions with idiopathic pulmonary fibrosis | Hitomi Nogawa, Yuji Matsumoto, Midori Tanaka, Takaaki Tsuchida Abstract No. AO094 |
| 15:00-15:10 | Computed tomography-guided percutaneous trans-thoracic needle biopsy for solitary pulmonary nodules in diameter less than 30 mm | Phan Thu Phuong, Ngo Quy Chau, Vu Van Giap, Trinh Thi Huong Abstract No. AO095 |



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| 15:10-15:20 | A short-term study of the efficacy and safety of giant emphysematous bulla volume reduction via medical thoracoscope | Hua Zhang, Wei Zhang, Lei Wang, Sheng Chang Ge, Wei Guang Xue, Tao Zong Liu, Yao Meng Wang, Yan Gao, Jie Yun Wang, Wei Wei Xu Abstract No. AO097 |
| 15:20 - 15:30 | A fundamental study of radial endobronchial ultrasound images to clarify the existence of ground - glass nodules | Yuji Matsumoto, Midori Tanaka, Hitomi Nogawa, Takaaki Tsuchida Abstract No. AO188 |

15:30 - 16:00 **COFFEE BREAK****Ground Floor**16:00-17:30 **Symposium 13****State Room 2**

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|---------------|---|----------------------------|
| | Title: Lung Cancer I - Diagnosis and treatment of lung cancer | |
| | Chairs: Kwun Fong and Emily Stone | |
| 16:00 - 16:30 | Pulmonary nodules – incidental findings can we wait? | Kwun Fong (Australia) |
| 16:30 - 17:00 | Immunology and immune – based therapy for lung cancer | Yoshinori Hasegawa (Japan) |
| 17:00 - 17:30 | Smoking cessation and lung cancer outcomes | Martinet Yves (France) |

16:00-17:30 **Symposium 14****State Room 1**

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| | Title: Asthma I - New asthma treatment: finding value for money | |
| | Chairs: Le Thi Tuyet Lan and Richard Beasley | |
| 16:00 - 16:30 | Allergy in severe asthma | Le Thi Tuyet Lan (Vietnam) |
| 16:30 - 17:00 | Paradigm shift in the treatment of mild to moderate asthma | Richard Beasley (New Zealand) |
| 17:00 - 17:30 | Neutrophilic asthma and use of biomarker | Peter Gibson (Australia) |

16:00-17:30 **Symposium 15****Room: 101**

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| | Title: COPD 2 - Personalized management of airway diseases | |
| | Chairs: Ngo Quy Chau and Kazuto Matsunaga | |
| 16:00 - 16:30 | Standard care of COPD | Marc Miravittles (Spain) |
| 16:30 - 17:00 | Individualized COPD treatment | Kazuto Matsunaga (Japan) |
| 17:00 - 17:30 | Airway infection and COPD | Ngo Quy Chau (Vietnam) |



| 16:00-16:30 Symposium 16 | | Room: 313 |
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| Young investigator awards | | |
| Chairs: Do Quyet and Chong Jen - Yu | | |
| 16:00 - 16:10 | The safety of transbronchial lung cryobiopsy with combination of radial endobronchial ultrasonography and fluoroscopic guidance in diagnosis of diffuse parenchymal lung disease in Japan | Naoyuki Kuse (Japan) <i>APSR JRS Young Investigator Award</i> |
| 16:10 - 16:20 | Imaging biomarkers of the small airways disease in asthmatics | Keiji Oishi (Japan) <i>APSR JRS Young Investigator Award</i> |
| 16:20 - 16:30 | Clinical features in recurrence of anti-MDA5 autoantibodies positive dermatomyositis | Koichi Yamaguchi (Japan) <i>APSR JRS Young Investigator Award</i> |

| 16:00-17:30 Oral session 13 | | Room: 252 |
|------------------------------------|---|--|
| Title: Lung Cancer 2 | | |
| Chair: Le Thuong Vu and Tom John | | |
| 16:00-16:10 | Metastase in non-small cell lung cancer | Luan Van Pham, Tien Dinh Nguyen, Hai Minh Nguyen, Tien Dao Nguyen, Duyen Thi Thi, Son Van Nguyen, Dai Van Tran Abstract No. AL0012 |
| 16:10-16:20 | An unusual presentation of prostate cancer | Irfan Ul Haq, Khezar Syed Shahzada, Merlin Marry Thomas, Mansoor Ali Hameed, Mushtaq Ahmad, Issam Al-bozom Abstract No. AO098 |
| 16:20-16:30 | Analysis of immune related adverse events in NSCLC patients receiving durvalumab after chemoradiotherapy in the real-world clinical setting | Kohei Fujita, Yuki Yamamoto, Osamu Kanai, Misato Okamura, Koichi Nakatani, Tadashi Mio Abstract No. AO100 |
| 16:30-16:40 | International Lung Screen Trial - results from Queensland and from Western Australia | Lin Mo, Kuan Pin Lim, Siobhan Dormer, Jacqueline Logan, Henry Marshall, Kwun Fong, Stephen Lam, Annette McWilliams, Fraser Brims Abstract No. AO101 |
| 16:40-16:50 | Askins's tumour: A rare malignant round cell tumour in the thoracopulmonary region in young adults-case report and short review | Md Masudur Rahman, Md Ali Hossain, Bashir Ahmed, Md. Khairul Hassan Jessy, Mohammed Shahedur Rahman Khan, Krishna Chandra Ganguly, Syed Rezaul Huq, Abdus Shakur Khan, Sk Shahinur Hossain, Sharmin Razzaque Abstract No. AO102 |

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| 16:50-17:00 | Efficacy of gefitinib and erlotinib in Indonesian patients with lung adenocarcinoma with activating epidermal growth factor receptor (EGFR) mutations | Muhammad Ali Asdar, Elisna Syahrudin, Jamal Zaini Abstract No. AO103 |
| 17:00-17:10 | EGFR gene mutation in pulmonary adenocarcinoma | Nguyen Hai Anh, Tran Van Cuong Abstract No. AO104 |
| 17:10-17:20 | Diagnostic test of cancer ratio examination of malignant pleural effusion patients at Persahabatan Hospital Jakarta | Nita Corry Augustine Nias, Prasenohadi, Andika Chandra Putra Abstract No. AO105 |
| 17:10-17:30 | Characteristics of pulmonary nodules diagnosed with primary lung cancer following surgery without prior transbronchial lung biopsy | Yuko Tanaka, Kazuhiro Asada, Hirohumi Watanabe, Yutaro Kishimoto, Kyouhei Ooishi, Mika Saigusa, Taisuke Akamatsu, Akito Yamamoto, Shinichiro Ohta, Toshihiro Shirai Abstract No. AO263 |

| 16:00-17:30 Oral session 14 | | Room: 254 |
|---|---|---|
| Title: Critical Care Medicine | | |
| Chairs: Rodolfo Roman T Bigornia and Ning Hung Chen | | |
| 16:00-16:10 | Clinical characteristics and risk factors relating to mortality on patients with acute respiratory distress syndrome (ARDS) in Vietnam | Chinh Quoc Luong, Toshie Manabe, Son Ngoc Do, Chi Van Nguyen, Yuji Fujikura, Binh Gia Nguyen, Co Xuan Dao, Tuan Quoc Dang, Koichiro Kudo, Anh Dat Nguyen Abstract No. AL0013 |
| 16:10-16:20 | Acute hypoxemic respiratory failure in a university student of African descent following water pipe (shisha) smoking: A case report and literature review | Ismail Hassan Abstract No. AL0014 |
| 16:20-16:30 | Remote ischemic preconditioning's protective effect on lung injury after cardiopulmonary bypass: A meta-analysis | Di Lu, Zhizhi Wang, Hongli Ji, Xiguang Liu, Siyang Feng, Xiaoying Dong, Jianxue Zhai, Shijie Mai, Jianjun Jiang, Kaican Cai Abstract No. AO107 |
| 16:30-16:40 | Vasopressor discontinuation order in the recovery phase of septic shock: A meta-analysis and systematic review | Mithi Kalayaan Solis Zamora Abstract No. AO110 |
| 16:40-16:50 | The prognostic role of Neutrophil to Lymphocyte Ratio (NLR) in sepsis and related mortality | Muhamad Fajri Adda'i, Atika Budhy Setyani, Jonathan Hasian Haposan, Andi Khomeini Takdir Haruni Abstract No. AO111 |
| 16:50-17:00 | Effect of Titrated Positive End Expiratory Pressure (PEEP) on the Quasi Static Pressure-volume (P-V) Loop vs Low PEEP in Patients with Acute Respiratory Distress Syndrome. | Nguyen Minh Nguyen, Son Ngoc Do, Chinh Quoc Luong, Chi Van Nguyen, Dat Tuan Nguyen, Dai Quoc Khuong, Dung Tien Nguyen, Ngoc Duc Ngo, Lan Tuong Vu, Anh Dat Nguyen Abstract No. AO112 |



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| 17:00-17:10 | The relationship between high-resolution computed tomography findings and histopathological features in autopsy cases with acute respiratory distress syndrome | Ryosuke Imai, Shosei Ro, Manabu Murakami, Ryosuke Tsugitomi, Kohei Okafuji, Atsushi Kitamura, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura Abstract No. AO113 |
| 17:10-17:20 | Novel Interactive Patient Centered Care -The Introduce of Shared Decision Making Impact on Early Tracheostomy in Prolonged Intubated Critical Patient | Shu-Hung Kuo, Hsi-Chen Chen, Chun-Chuang Lin, Che-Shang Yang, Mong-Chen Wu, Chun-Ping Yang, Whei-Ni Chen, Se-Chun Chuang, Shu-Ya Chuang, Wei-Chun Huang Abstract No. AO114 |
| 17:20-17:30 | Leptospirosis mimicking vasculitis - a case report | Sugeesha Wickramasinghe, Nalaka Herath, Dewmi Kaushalya, Saman Kularatne Abstract No. AL0052 |
| 16:00-17:20 Oral session 15 Room: 257 | | |
| Title: Tuberculosis 2 | | |
| Chairs: Toshie Manabe and Digambar Behera | | |
| 16:00-16:10 | Disseminated tuberculosis in a 6-year-old male: A case report | John Caryll Ruiz Simbajon Abstract No. AO115 |
| 16:10-16:20 | Community active case finding for pulmonary tuberculosis | Kamontip Kunwipakorn, Nitipatana Chierakul Abstract No. AO116 |
| 16:20-16:30 | Smear positive pulmonary tuberculosis undetected at the district hospitals in southern Vietnam | Lam Nguyen Ho Abstract No. AO117 |
| 16:30-16:40 | Depression and quality of life in patients with MDR-TB in Vietnam | Lisa Redwood, Ellen MH Mitchell, Thu Anh Nguyen, Kerri Viney, Huu Thuong Nguyen, Viet Nhung Nguyen, Binh Hoa Nguyen, Greg Fox Abstract No. AO118 |
| 16:40-16:50 | Secondary Spontaneous Pneumothorax secondary to Tuberculosis with Klebsiella and Pseudomonas co-infection: A Case Report | Martin Kristoffer Elises Ogbac, Pilar Madelyn Rozu Abstract No. AO119 |
| 16:50-17:00 | Pharmacokinetics/pharmacodynamics features of rifampicin in Vietnamese pulmonary tuberculosis patients | Nhat Son Bui, Hoa Dinh Vu, Van Anh Thi Nguyen, Luyen Thi Le Abstract No. AO120 |
| 17:00-17:10 | The Effectiveness of a Public Health Intervention upon the Screening for Latent Tuberculosis Infection among Household Contacts in Central Vietnam | Tran Ngoc Buu, Nguyen Viet Nhung, Nguyen Binh Hoa, Nguyen Tuan Anh, Nguyen Thu Anh, Chantal Valiquette, Federica Fregonese, Greg Gregory Fox, Dick Menzies Abstract No. AO122 |



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| 17:10-17:20 | The role of digital chest radiography and Genexpert MTB/RIF in community-wide active case finding for tuberculosis | Phuong Thi Bich Nguyen, Thu Anh Nguyen, Boi Khanh Luu, Son Van Nguyen, Binh Hoa Nguyen, Nhat Linh Nguyen, Greg J Fox, Viet Nhung Nguyen, Guy B Marks Abstract No. AO123 |
| 16:00-16:50 Oral session 16 Room: 259 | | |
| Title: Cell and Molecular Biology I | | |
| Chairs: Chul-Gyu Yoo and Nguyen Huy Binh | | |
| 16:00-16:10 | Investigating human and bacterial reads from next-generation sequencing as pathogen detection in respiratory tract infections | Ferry Dwi Kurniawan, Dina Alia, Manabu Shiraishi, Yoshiaki Inoue, Megumin Higo, Koichi Hagiwara Abstract No. AO125 |
| 16:10-16:20 | BOS is associated with increased senescent, pro-inflammatory T and NKT-like lymphocytes in the small airways | Greg Hodge, Sanda Hodge, Hong Liu, Phan Tien Nguyen, Chien-Li, Holmes-Liew, Mark Holmes Abstract No. AO126 |
| 16:20-16:30 | Is Zinc a novel vascular signaling messenger and target in pulmonary hypertension? | Hai Bac Tran, Adrian Abdo, Amenah Jaghoori, Rachel Jakobczak, John F Beltrame, Sandra Hodge, Peter D Zalewski Abstract No. AO127 |
| 16:30-16:40 | Small molecule A attenuates lipopolysaccharides induced-iNOS and inflammation in ALI mice model | Jooyeon Lee, Hanbyeol Lee, Youngheon Park, Se-Ran Yang Abstract No. AO129 |
| 16:40-16:50 | A chalcone derivative, compound 37, exerts anti-inflammatory and anti-oxidant effects on lipopolysaccharide-induced acute lung injury by inhibiting MAPK/NF-κB pathway and activating Nrf2/HO-1 pathway | Yuting Lin, Chengshui Chen Abstract No. AO130 |

14:00 - 17:00 POSTER SESSION 2 (Poster Area)

17:30 - 19:00 APSR ASSEMBLY MEETINGS





HUE City

PROGRAM
SATURDAY

16

NOVEMBER



FRIDAY 16 NOVEMBER DETAILED PROGRAM

| | | |
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| 08:00-09:00 Plenary lecture 2 | | State Room 2 |
| Title: Plenary Lecture 2 - Harasawa Memorial Lecture - Paradigm Shift of Management on Pulmonary Fibrosis Arata Azuma (Japan) | | |
| 09:00-10:30 Symposium 17 | | State Room 2 |
| Title: Clinical respiratory medicine 3 - Treatment beyond medications Chairs: Dushantha Madegedara and Do Ngoc Son | | |
| 9:00 - 9:30 | High flow oxygen therapy | Jean-Pierre Frat (France) |
| 9:30 - 10:00 | Pulmonary rehabilitation | Thierry Troosters (Belgium) |
| 10:00 - 10:30 | NIV in COPD and other settings | Do Ngoc Son (Vietnam) |
| 09:00-10:30 Symposium 18 | | State Room 1 |
| Title: Cell and Molecular Biology Chairs: Takahide Nasage and Richard Beasley | | |
| 9:00 - 9:30 | The treatable traits approach to asthma management | Richard Beasley (New Zealand) |
| 9:30 - 10:00 | Molecular mechanism underlying COPD | Akihisa Mitani (Japan) |
| 10:00 - 10:30 | Microbiome in lung disease | James Beck (USA) |
| 09:00-10:30 Symposium 19 | | Room: 101 |
| Title: Respiratory Structure and Function 2 - Defining COPD beyond FEV1 and Symptoms Chairs: Graham Hall and Dinh Xuan Anh Tuan | | |
| 9:00 - 9:30 | CT and function imaging in COPD | Shigeo Muro (Japan) |
| 9:30 - 10:00 | Oscillometry and defining COPD | Graham Hall (Australia) |
| 10:00 - 10:30 | Biomarkers in COPD | Dinh Xuan Anh Tuan (France) |
| 09:00-10:30 Symposium 20 | | Room: 313 |
| Title: Lung cancer 2 Chairs: Le Thuong Vu and Chong Kin Liam | | |
| 9:00 - 9:30 | Update on screening for lung cancer | Kwun Fong (Australia) |
| 9:30 - 10:00 | Individualized treatment in advanced stage NSCLC | Chong Kin Liam (Malaysia) |
| 10:00 - 10:30 | Neoadjuvant and adjuvant therapy | Tom John (Australia) |
| 09:00-10:30 Symposium 21 | | Room: 252 |
| Title: Paediatric lungs diseases Chairs: Yu Lung Lau and Nguyen Tien Dung | | |
| 9:00 - 9:30 | OSA in children: beyond adenotonsillectomy | Nguyen Duc Trung (France) |

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| 9:30 - 10:00 | Pneumonia in children: What's new | Nguyen Tien Dung (Vietnam) |
| 10:00 - 10:30 | CVID and lung diseases in children | Yu - Lung LAU (Hong Kong) |
| 9:00-10:30 Oral session 17 | | Room: 254 |
| Title: COPD 3 Chairs: Jose Jardim and Do Quyet | | |
| 9:00 - 9:10 | Prevalence of patients with obstructive lung disease among people with respiratory symptoms at district hospitals in Vietnam | Nguyen Hai Yen, Nguyen Thu Anh, Huang Wan Chun, Pham Ngoc Yen, Fox Gregory James Abstract No. AL0015 |
| 9:10 - 9:20 | COPD exacerbation according to chronic bronchitis and body mass index: Difference between KOCOSS and COPD gene study | Sun Hye Shin, Sung Ok Kwon, Edwin Kepner Silverman, Chin Kook Rhee, Kwang Ha Yoo, Woo Jin Kim, Hye Yun Park Abstract No. AO131 |
| 9:20 - 9:30 | Air pollution, homocysteine and global DNA methylation in chronic obstructive pulmonary disease: A population-based study from India | Suniti Yadav, Ketaki Chandio, Shipra Joshi, Vijay Hadda, Kallur Nava Saraswathy Abstract No. AO132 |
| 9:30 - 9:40 | Are all fixed-dose LABA/LAMA combinations created equal? | T. K. Lim, M. Y. Chew, X. Y. Wong, L. P. Chong Abstract No. AO133 |
| 9:40 - 9:50 | Initial results of mesenchymal stem cell and platelet rich plasma in treatment of chronic obstructive pulmonary disease at Vietnam | Ta Ba Thang, Dao Ngoc Bang, Dong Khac Hung, Do Quyet, Nguyen Huy Luc, Nguyen Minh Trung, Le Thi Bich Phuong Abstract No. AO134 |
| 9:50 - 10:00 | Abnormal DNA methylation and expression of Nrf2 in COPD | Tao Bian, Xiaoyan Sai, Chu Qin, Abstract No. AO135 |
| 10:00-10:10 | The radiographic bronchiectasis in patients with COPD-OSA overlap syndrome | Xia Yang, Yaoqian Cao, Li Xia Dong, Jie Cao Abstract No. AO136 |
| 10:10-10:20 | Comparison and construction of the primary screening and discriminate models for COPD | Xiao Meng Li Abstract No. AO137 |
| 10:20-10:30 | The Clinical Significance of Red Cell Distribution Width, Platelet Count, Pro-BNP and Fibrinogen in the Diagnosis of Patients with COPD Complicated with Pulmonary Hypertension | Yijun Chen, Yuandi Wang, Qiasheng Li, Zhe Zhang, Zhenyu Liang, Wenhua Jian, Jinping Zheng Abstract No. AO138 |
| 9:00-10:30 Oral session 18 | | Room: 257 |
| Title: Lung Cancer 3 Chairs: Chong Jen - Yu and Yasuhiko Nishioka | | |
| 9:00 - 9:10 | The concomitant gene alterations impact the therapeutic efficacy of EGFR-TKIS in advanced NSCLC patients with EGFR sensitive mutation | Cheng-Yu Chang, Shih-Chieh Chang, Jiun-I Lai, Yi-Chun Lai Abstract No. AL0016 |



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| 9:10 - 9:20 | Long term results of vats lobectomy versus opened lobectomy for early stage non-small cell lung cancer | Que Kim Do, Quan Hong Dao Abstract No. AO140 |
| 9:20 - 9:30 | Signet-ring cell carcinoma of unknown primary: A case report and review of related literature of a rare type of cancer with a rare presentation | Ramon Jr. Bagaporo Larrazabal, Paula Victoria Catherine Cheng Abstract No. AO141 |
| 9:30 - 9:40 | Diagnostic and prognostic impact of serum procalcitonin in non-small cell lung cancer | Shigehisa Kajikawa, Wataru Oohasi, Toshiyuki Yonezawa, Kenji Kosaka, Ayako Matsubara, Toshio Kato, Hiroyuki Tanaka, Satoru Ito, Etsuro Yamaguchi, Akihito Kubo Abstract No. AO142 |
| 9:40 - 9:50 | Examination of the factors that determine durvalumab administration in patients with locally advanced non-small cell lung cancer. | Takayuki Niitsu, Jyunichi Uchida, Takahumi Yanase, Satoshi Tanaka, Munenori Kuroyama, Takahisa Nishi, Shigetoshi Shimamoto, Kiyonobu Ueno Abstract No. AO144 |
| 9:50-10:00 | Outcomes of carbon ion radiotherapy compared with sublobar resection in ground glass opacity-dominant early-stage lung cancer | Teruaki Mizobuchi, Akihiro Nomoto, Hironobu Wada, Naoyoshi Yamamoto, Mio Nakajima, Takehiko Fujisawa, Ichiro Yoshino Abstract No. AO145 |
| 10:00-10:10 | Correlation between total lymphocyte count and 1,3 B-D-Glucan levels for risk of invasive candidiasis in lung cancer patients. | Ungky Agus Setyawan Abstract No. AO146 |
| 10:10-10:20 | Real world study on Afatinib in Hong Kong | Wang Chun Kwok, James Chung Man Ho, David Chi Leung Lam, Macy Mei Sze Lui, Mary Sau Man Ip, Terence Chi Chun Tam Abstract No. AO147 |
| 10:20-10:30 | Erlotinib 100mg versus 150mg in patients with non-small-cell lung cancer harboring mutations of the epidermal growth factor receptor: A multicenter open-label, randomized phase 2 trial | Yalei Zhang, Qihua He, Zhanhong Xie, Haihong Yang, Jun Liu, Wenhua Liang, Jianxing He Abstract No. AO260 |

9:00-9:40 Oral session 19**Room: 259**

Title: Clinical Allergy and Immunology
Chairs: Yasuhiro Gon and Atsuhito Nakao

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| 9:00 - 9:10 | Cluster analysis of exhaled nitric oxide parameters (FENO, CANO and JawNO) in outpatients visited Respiratory, Allergy and Clinical Immunology in Vinmec Time City International Hospital | Dinh Van Nguyen, Bach Ngoc Nguyen, Mai Thi Vu, Van Thi Nguyen, Anh Hai Nguyen, Lan Thu Pham, Bo Duy Nguyen, Tuong Manh Nguyen, Nam Dong Nhat Le, Lam Nam Phung, Tuan Xuan Anh Dinh, Abstract No. AO149 |
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| 9:10 - 9:20 | Fractional exhaled nitric oxide in allergic bronchopulmonary mycosis | Kazuki Matsuda, Keigi Ohisi, Kazuki Hamada, Ryo Suetake, Yosikazu Yamagi, Yoriyuki Murata, Maki Asami, Nobutaka Edakuni, Tsunahiko Hirano, Kazuto Matsunaga Abstract No. AO152 |
| 9:20 - 9:30 | Persistent asthma from childhood to adulthood presents a different phenotype in adult asthma | Masako To, Ryuta Tsuzuki, Satoshi Yamawaki, Yuta Kono, Natsue Honda, Ichino Kano, Kosuke Haruki, Yasuo To Abstract No. AO154 |
| 9:30-9:40 | A new trend in sensitization to cockroach allergen: A cross-sectional study of indoor allergens and food allergens in the inland region of Southwest China | Wenting Luo, Baoqing Sun Abstract No. AO155 |

10:30-11:00 COFFEE BREAK**Ground Floor****11:00-12:30 Symposium 22****State Room 2**

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| Title: Scientific Publication and grant submission Chairs: Paul Reynolds and Martin Kolb | |
| 11:00 - 11:30 | A guide for successful grant submission and scientific publication Martin Kolb (Germany) |
| 11:30 - 12:00 | National and International Guidelines: from the convening experts to publication of milestone guidelines Paul Reynolds (Australia) |
| 12:00 - 12:30 | Where, when and how to successfully publish scientific papers Martin Kolb (Germany) |

11:00-12:30 Symposium 23**State Room 1**

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|---|--|
| Title: Clinical allergy and immunology - Current topics in allergy and airway inflammation Chairs: Le Thi Tuyet Lan and Atsuhito Nakao | |
| 11:00 - 11:30 | Circadian rhythms in allergic disease Atsuhito Nakao (Japan) |
| 11:30 - 12:00 | Lung Infection and Inflammation in primary immunodeficiency Yu-Lung LAU (Hong Kong) |
| 12:00 - 12:30 | Personalized Approach to Primary Immunodeficiency Le Thi Minh Huong (Vietnam) |

11:00-12:30 Symposium 24**Room: 101**

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| Title: Bronchoscopy and Interventional Techniques - Advances in Interventional Pulmonology Chairs: Pyng Lee and Vu Van Giap | |
| 11:00 - 11:30 | Bronchoscopy for Detection of Early Lung Cancer (central airway and pulmonary nodule) David Chi-Leung Lam (Hong Kong) |
| 11:30 - 12:00 | Advances of interventional bronchoscopy in palliation of lung cancer. Vu Van Giap (Vietnam) |
| 12:00 - 12:30 | Bronchoscopy for Emphysema Pyng Lee (Singapore) |



| 11:00-12:30 Symposium 25 | | Room: 313 |
|--|---|---------------------------------|
| Title: Asthma 2 Chairs: Bui Binh Bao Son and Juan C Celedon | | |
| 11:00 - 11:30 | Differential diagnosis and phenotypes: EA/NEA | Kian Fan Chung (United Kingdom) |
| 11:30 - 12:00 | Management of asthma in different phenotypes | David Price (United Kingdom) |
| 12:00 - 12:30 | Asthma omics: Predicting the future | Juan C Celedon (USA) |

| 11:00-12:00 Oral session 20 | | Room: 252 |
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| Title: Clinical Respiratory Medicine 2 Chairs: Jean-Pierre Frat and Yun Wing Thomas Mok | | |
| 11:00-11:10 | Postural changes and laterality of lung sound intensity in healthy subjects | Michiko Tsuchiya, Yukio Nagasaka, Masaka Ishida, Jun Suzumoto, Chikara Sakaguchi, Nobuyo Tamiya Abstract No. AO157 |
| 11:10-11:20 | Case study incompatibility of fosfomycin with ciprofloxacin | Nguyen Van Ngan Abstract No. AO159 |
| 11:20-11:30 | Development of the New Zealand bronchiectasis registry | Benjamin Diggins, Paul Dawkins, William Good, Betty Poot, Enna Stroil-Salama, Lucy Morgan, Conroy Wong Abstract No. AO160 |
| 11:30-11:40 | Two operated cases of spontaneous pneumothorax with marfan syndrome | Satoshi Takamori, Hiroyuki Oizumi, Hirohisa Kato, Jun Suzuki, Kaito Sato Abstract No. AO161 |
| 11:40-11:50 | The influence of the history of malignant tumor on the clinical features of sarcoidosis | Yasuhiko Koga, Yoshimasa Hachisu, Shogo Uno, Noriaki Sunaga, Toshitaka Maeno, Takeshi Hisada Abstract No. AO162 |
| 11:50-12:00 | Sound characteristics of rumbling rhonchi in asthmatics | Yukio Nagasaka, Michiko Tsuchiya, Nobuyo Tamiya, Chikara Sakaguchi, Masaki Ishida, Jun Suzumoto, Terufumi Shimoda, Hiroshi Nakano Abstract No. AO164 |
| 12:00 - 12:10 | Effects of metabolic syndrome on moderate-to-severe exacerbations in early chronic obstructive pulmonary disease: results from a national survey | Hye Sook Choi, Seong Yong Lim Abstract No. AL0027 |

| 11:00-12:10 Oral session 21 | | Room: 254 |
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| Title: Asthma 2 Chairs: Guy Marks and Nguyen Van Tho | | |
| 11:00-11:10 | Reduced bronchodilator reversibility correlates with severe asthma and more exacerbations: A prospective 12-month cohort study in a real-world setting | Lei Liu Abstract No. AL0018 |

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| 11:10-11:20 | Long non-coding RNA growth arrest specific-5: A potential biomarker for diagnosis of severe asthma | Qian Zhang, Di Wu Abstract No. AO165 |
| 11:20-11:30 | Study of alveolar concentration of nitric oxide (CANO) in diagnosis and treatment of children with asthma | Hanh Do Thi, Thuy Nguyen Thi Dieu, Sy Duong Quy Abstract No. AO167 |
| 11:30-11:40 | Functional small airways disease derived from parametric response mapping in asthma | Keiji Oishi, Tsunahiko Hirano, Takehiro Shiinoki, Kazuki Hamada, Kazuki Matsuda, Yoriyuki Murata, Yoshikazu Yamaji, Maki Asami-Noyama, Nobutaka Edakuni, Kazuto Matsunaga Abstract No. AO168 |
| 11:40-11:50 | Screening for airway hyperresponsiveness-associated differential proteins by proteomics | Yaowei He, Chenhui Li, Qiuying Li, Lianglan Bao, Yaying Chen, Huasi Zhao, Xiaohui Yuan, Zhuoying Su, Kefang Lai, Liyan Chen Abstract No. AO172 |
| 11:50-12:00 | A novel mouse model of eosinophilic bronchitis was established by non-invasive and invasive airway reactivity detection methods | Yaowei He, Chenhui Li, Qiuying Li, Lianglan Bao, Yaying Chen, Huasi Zhao, Xiaohui Yuan, Zhuoying Su, Kefang Lai, Liyan Chen Abstract No. AO275 |
| 12:00-12:10 | Investigation of factors that related to the variability of fractional exhaled nitric oxide | Mami Nakagawa, Tsunahiko Hirano, Mio Takagi, Ryo Suetake, Yoriyuki Murata, Keiji Oishi, Yoshiji Yamaji, Maki Asami, Nobutaka Edakuni, Kazuto Matsunaga Abstract No. AO170 |

| 11:00-12:10 Oral session 22 | | Room: 257 |
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| Title: Tuberculosis 3 Chairs: Digambar Behera and Jennifer Ann Wi | | |
| 11:00-11:10 | The role of induced sputum in the diagnosis of pulmonary tuberculosis and comparison with bronchoscopy | Sang Minh Nguyen, Phuong Thu Phan, Ngo Quy Chau Abstract No. AO173 |



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| 11:10-11:20 | Analysis of patient characteristics among mycobacterium tuberculosis treatment costs | Tamaki Kakuwa, Eriko Morino, Shuhei Nomura, Yusaku Kusaba, Naoko Nagano, Sachi Matsubayashi, Tetsuya Suzuki, Ayako Shiozawa, Jin Takasaki, Haruhito Sugiyama Abstract No. AO176 |
| 11:20-11:30 | Gaps in tuberculosis infection control for medical staff in a tertiary and general hospital in Vietnam | Toshie Manabe, Giap Van Vu, Hanh Thi Chu, Trang Thi Thu Vu, Trang Thu Tran, Lan Thi Phuong Doan, Jin Takasaki, Koichiro Kudo, Ngo Quy Chau Abstract No. AO178 |
| 11:30-11:40 | The treatment cascade; the use of preventative pharmacotherapy for latent tuberculosis infection following high risk nosocomial exposure to multi-drug resistant tuberculosis | Paul Lilburn, Liam Beiglari, Greg Fox, Anthony Byrne Abstract No. AO179 |
| 11:40-11:50 | Diagnostic yield with GenXpert MTB/RIF in patients in patients with productive vs. Non-productive cough | Wee Nee Foo, Li-Cher Loh Abstract No. AO180 |
| 11:50-12:00 | Incidence of fluoroquinolones resistance in MDR-TB patients. | Zuber Ahmad, Sumit Kumar Varshney, Nibras Zuber Abstract No. AO181 |
| 12:00-12:10 | Case report: the case of severe multi-organs TB diagnosis is delayed | Nguyen Thi Phung Abstract No. AL0045 |

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| 11:00-12:00 | Oral session 23 | Room: 259 |
| | Title: Bronchoscopy and Interventional Techniques 2 | |
| | Chairs: Bing Lam and Fumihiro Asano | |
| 11:00-11:10 | Utilising medical thoracoscopy for the diagnosis of tuberculous pleural effusions | Nai Chien Huan, Nurul Izzati Mohd Yusof, Inn Shih Khor, Khai Leng Sim, Siue Chen Flora Liew, Lashiny Vijeatheran, Noorasyikin Mohamed Arifin, Kunji Kannan Sivaraman Kannan Abstract No. AL0019 |
| 11:20-11:30 | Endobronchial ultrasound bronchoscopy - initial experience in Vietnam | Hoang Anh Duc, Ngo Quy Chau, Vu Van Giap, Nguyen Ngoc Du Abstract No. AO096 |



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| 11:30-11:40 | Photodynamic therapy for peripheral-type lung cancer in a multi-center clinical trial | Jitsuo Usuda, Tatsuya Inoue, Kyoshiro Takegahara, Takumi Sonokawa, Mitsuo Matsumoto, Yutaka Enomoto Abstract No. AO182 |
| 11:40-11:50 | Intrapleural foreign body retrieval with semi rigid thoracoscopy under single lung ventilation | Praveen Radhakrishnan, Yuvarajan S, Antonious Maria Selvam, Arunkumar Arasappa, Kamal Bharathi, Santhiya R Abstract No. AO184 |
| 11:40-11:50 | Efficacy of Gene Xpert MTB / RIF Assay and AFB Culture in diagnosis of Mycobacterium Tuberculosis Complex on EBUS TBNA | Arpan C Shah Abstract No. AO185 |
| 11:50-12:00 | Efficacy of intrabronchial voriconazole instillation for inoperable pulmonary aspergilloma: a randomized controlled trial | Vijay Hadda, Sachin Doddamani, Karan Madan, Saurabh Mittal, Pawan Tiwari, Anant Mohan, Randeep Guleria Abstract No. AO187 |

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| 9:00-12:00 | POSTER SESSION 3 (Poster Area) | |
| 12:30 - 14:00 | LUNCH SYMPOSIUM Sponsored by AstraZeneca | State Room 1 |
| | Title: Asthma Management in Asia-Pacific area: Opportunities and challenges | |
| 12:30 - 12:35 | Opening & Introduction | Diahn-Warng Perng |
| 12:35 - 13:05 | The challenges of managing asthma in Asia Pacific Area | Nguyen Van Tho (Vietnam) |
| 13:05 - 13:45 | Asthma: The importance of the reliever | Eric Bateman (UK) |
| 13:45 - 14:00 | Q&A, Closing | Diahn-Warng Perng |
| 12:30 - 14:00 | LUNCH SYMPOSIUM Sponsored by Boehringer Ingelheim | State Room 2 |
| | Title: Putting COPD patient needs first: Time for optimising treatment and device selection Chair: Le Thi Tuyet Lan | |
| 12:30 - 12:35 | Welcome and Introduction | Le Thi Tuyet Lan (Vietnam) |
| 12:35 - 13:05 | Inhalation Matters: The importance of inhaler choice in COPD | Sinthia Bosnic-Anticevich |
| 13:05 - 13:35 | Making treatment decision on the patient outcomes that matter | Michael Dreher |
| 13:35 - 13:55 | Expecting the unexpected: Answering challenging questions | All |
| 13:55 - 14:00 | Summary and Close | Le Thi Tuyet Lan |



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| 12:30 - 13:55 | LUNCH SYMPOSIUM Sponsored by GSK | Room 313 |
| | Title: Key highlight from APSR 2019 | |
| 12:30 - 12:35 | Opening | Aldo Navarro (Peru) |
| 12:35 - 12:50 | Science behind the individualized approach in COPD | Jose Jardim (Brazil) |
| 13:05 - 13:35 | Round table discussion; Key highlight from APSR 2019 Congress "Asthma, COPD & CAP in children and adult" | Aldo Navarro, Jose Jardim, Nguyen Nhu Vinh, Sibel Ascioğlu, Nguyen Tien Dung |
| 12:30 - 13:55 | LUNCH SYMPOSIUM Sponsored by Biofire diagnostics | Room 101 |
| | Title: Respiratory Infections: achieving rapid diagnosis through syndromic testing | |
| 12:30 - 12:35 | Opening | Lee Kenneth (Singapore) |
| 12:35 - 13:15 | Value of Rapid Syndromic Testing on Respiratory Solutions | Tse Hoi Nam (Hong Kong) |
| 13:15 - 13:35 | Diagnostic trend on syndromic testing | Lee Kenneth (Singapore) |
| 13:35 - 13:55 | Q&A | All |
| 12:30 - 14:00 | LUNCH SYMPOSIUM Sponsored by Daiichi Sankyo | Room 252 |
| | Title: Challenging for Treatment of CAP Chair: Ngo Quy Chau | |
| 12:30 - 13:00 | Treating community-acquired pneumonia (CAP) - where do we stand now? | Hans Liu (USA) |
| 13:00 - 13:20 | Applying high dose short course (HDSC) regimen of Levofloxacin in RTI treatment | Cao Xuan Thuc (Vietnam) |
| 13:20 - 13:50 | Discussion and Q&A | All |
| 13:50 - 14:00 | Summary and Close | All |
| 12:45 - 13:45 | LUNCH SYMPOSIUM Sponsored by JCAA | Room 205 |
| | Title: Sustainable Development Goals (SDGs) in the Asia-Pacific region with the collaboration with academia, pharmaceutical company, industry, and government office. Chair: Shu Hashimoto | |
| 12:45 - 12:55 | Welcome and Introduction | Shu Hashimoto (Japan) |
| 12:55 - 13:25 | SDGs in the Asia-Pacific region | Kiyoshi Kurokawa (Japan) |
| 13:25 - 13:45 | Q&A, Closing | Shu Hashimoto (Japan) |
| 12:30 - 13:35 | LUNCH SYMPOSIUM Sponsored by Orient EuroPharma | Room 202 |
| | Title: Small airways: Unveiling of a hidden world Chair: Phan Thu Phuong | |
| 12:45 - 13:05 | The ATLANTIS study: Revealing the small airways hidden world | Vu Van Giap (Vietnam) |
| 13:05 - 13:35 | Reaching Atlantis: Treatments' benefits | Alberto Papi (Italy) |
| 14:00-15:30 | Symposium 26 | State Room 2 |
| | Title: COPD 3 Chairs: Dave Singh and Chin Kook Rhee | |

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| 14:00 - 15:30 | Blood eosinophil as a biomarker in COPD | Chin Kook Rhee (Korea) |
| 14:30 - 15:00 | Cardiovascular diseases and COPD | Dave Singh (United Kingdom) |
| 15:00 - 15:30 | Exhaled Nitric Oxide A Marker of Airway Inflammation in COPD | Nguyen Nhu Vinh (Vietnam) |

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| 14:00-15:30 | Symposium 27 | State Room 1 |
| | Title: Interstitial lung disease 2 Chairs: Martin Kolb and Arata Azuma | |
| 14:00 - 14:30 | IPF pathogenesis and biomarkers | Martin Kolb (Canada) |
| 14:30 - 15:00 | HRCT chest: Technique and pattern of usual interstitial pneumonia | Joshua Solomon (USA) |
| 15:00 - 15:30 | Management of IPF – ongoing studies and future | Arata Azuma (Japan) |

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| 14:00-15:30 | Symposium 28 | Room: 313 |
| | Title: Pulmonary Hypertension Chairs: Talant Sooronbaev and Duong Quy Sy | |
| 14:00 - 14:30 | CT angiography in the diagnosis of PE | Vu Thanh Trung (Vietnam) |
| 14:30 - 15:00 | Pulmonary hypertension in patients with obstructive sleep apnea | Talant Sooronbaev (Kyrgyz) |
| 15:00 - 15:30 | Undiagnosed chronic thromboembolic pulmonary hypertension after pulmonary embolism | Nobuhiro Tanabe (Japan) |

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| 14:00 - 15:30 | Oral session 24 | Room 101 |
| | Title: Paediatric Lung Disease Chairs: Anne Goh Eng Neo and Nguyen Tien Dung | |
| 14:00-14:10 | Bronchial atresia masquerading as non-resolving wheeze - a case report | Sugeesha Wickramasinghe, Saman Kularatne, Sumudu Paliawadene, Chanaka Ratnayake, Thanuja Tissera, Harshana Bandara, Dawpadee Dharmasena Abstract No. AL0021 |
| 14:10-14:20 | Paroxysmal cough as a presenting feature of an infant with pig bronchus: A case report | Joshua Edrian Gomez Robiño Abstract No. AO189 |
| 14:20-14:30 | Clinical assessment on the severity of the lung disease in young individuals with cystic fibrosis in japan | Kunihiko Yoshimura, Satoshi Kasagi, Hiroshi Ishiguro, Satoru Naruse Abstract No. AO190 |
| 14:30-14:40 | Antibiotic use in children hospitalised with pneumonia in central Vietnam: A prospective study | Phuong Nguyen, Hoang Tran, Dominic Fitzgerald, Steve Graham, Ben Marais Abstract No. AO191 |



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| 14:40-14:50 | Sweat chloride testing by pilocarpine iontophoresis for the diagnosis of cystic fibrosis: An observational study in Bangladesh scenario | Saifuddin Khaled, Firoza Akter, Jahangir Khan, Nihar Ronjon Saha, Saidul Islam, Probir Kumar Sarkar Abstract No. AO192 |
| 14:50-15:00 | National consensus on nebulization therapy in children with asthma exacerbations | Thuy Thi Dieu Nguyen, Khanh Gia Nguyen, Quy Tran, Dung Tien Nguyen, Cam Van Bach, Son Binh Bao Bui, Tuan Anh Tran, Diem Huu Nguyet Phan, Hong Thi Minh Pham, Tien Minh Nguyen, An Nhat Pham, Dung Thi Khanh Khu, Huong Thi Thu Le, Phong Hoang Nguyen Abstract No. AO193 |
| 15:00-15:10 | Predictors of 'unlikely bacterial pneumonia' and 'adverse outcome' in Vietnamese children admitted with pneumonia | Phuong Nguyen, Hoang Tran, Dominic Fitzgerald, Thach Tran, Steve Graham, Ben Marais Abstract No. AO194 |
| 15:10-15:20 | Asthma symptoms, fractional exhaled nitric oxide levels, eosinophil count and spirometry in a cohort of 7 – 14-year-old asthmatics in Sri Lanka: A preliminary report | WAD Lakmali Amarasiri, Ridma N Jayaratne, Kumudu Weerasesera Abstract No. AO195 |
| 15:20-15:30 | Community acquired pneumonia (CAP) in children: Value driven care initiative, ministry of health, Singapore | Biju Thomas, Arun Pugalenthi, Bee Keow Goh, Sudha Rani Bandla, Chia Yin Chong, Amos Kok Ann Lim, Grace Lim, Vigil James, Yi Hua Tan, Oon Hoe Teoh Abstract No. AO196 |

14:00 - 15:00 Oral session 25**Room 252**

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| Title: Cell and Molecular Biology 2 | | |
| Chairs: James Beck and Akihisa Mitani | | |
| 14:00-14:10 | Chronic cigarette smoke-induced emphysema and lung inflammation are correlated with changes in CT and MRI that are attenuated by low-dose azithromycin in mice | Matthew G Macowan, Hong Liu, Marianne D Keller, Miranda Ween, Rhys Hamon, Hai B Tran, Sandra Hodge Abstract No. AO197 |
| 14:10-14:20 | Device, flavor, and coil temperature in an e-cigarette all contribute to viability of primary bronchial epithelial cells and efferocytosis of apoptotic bronchial cells by macrophages | Miranda P Ween, Nicole A Bastian, Leigh Thredgold, Paul N Reynolds, Sandra J Hodge Abstract No. AO198 |
| 14:20-14:30 | Comprehensive metabolome analysis reveals new mechanism of anti-fibrotic factor Stanniocalcin-1 (STCI) which modulate epigenetic regulation and oxidative stress | Shinya Ohkouchi, Masahiko Kanehira, Hajime Kurosawa, Yoshinori Okada Abstract No. AO199 |

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| 14:30-14:40 | Lung resident mesenchymal stem cell regulated pulmonary inflammation through the HVEM-BTLA pathway | Tingting Cheng, Yuanlin Song Abstract No. AO200 |
| 14:40-14:50 | The effective migration and anti-inflammatory effects of human dermal-derived mesenchymal stem cells in endotoxin-induced experimental mouse model | Youngheon Park, Hanbyeol Lee, Jooyeon Lee, Se-Ran Yang Abstract No. AO201 |
| 14:50-15:00 | A novel nordihydroguaiaretic acid analogue, compound 3a, alleviates acute lung injury by exhibiting its anti-inflammatory, anti-oxidative and anti-apoptosis effects | Yuting Lin, Chengshui Chen Abstract No. AO202 |

14:00 - 14:40 Oral session 26**Room 254**

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| Title: Respiratory Infections (non-tuberculous) 2 | | |
| Chairs: Dao Xuan Co and Hans Liu | | |
| 14:00-14:10 | Clinical, subclinical characteristics and treatment outcomes of invasive pulmonary fungal infection at respiratory center-Bach Mai Hospital | Nhu Quynh Thi Nguyen, Hanh Thi Chu Abstract No. AL0022 |
| 14:10-14:20 | CRB-65 score in predicting outcome of pneumonia in hemodialysis patients | Justin Ryan Lay Tan, John Noel Chan, Amerigo Bautista Jr. Abstract No. AO204 |
| 14:20-14:30 | Clinical characteristics and prognosis of chronic pulmonary aspergillosis in patients with previous or active tuberculosis | Keitaro Nakamoto, Yuka Sasaki, Tatsuya Shirai, Keiji Fujiwara, Koji Furuuchi, Takeshi Osawa, Masafumi Shimoda, Kozo Morimoto, Yoshiaki Tanaka, Ken Ohta, Takashi Yoshiyama, Hideo Ogata, Atsuyuki Kurashima, Kozo Yoshimori, Ken Ohta Abstract No. AO206 |
| 14:30-14:40 | Predicting atypical pathogens in community-acquired pneumonia: Epidemiological study of respiratory tract infection using multiplex PCR assays | Naoto Ishimaru, Satoshi Suzuki, Toshio Shimokawa, Yusaku Akashi, Yuto Takeuchi, Atsuo Ueda, Saori Kinami, Hiromichi Suzuki, Yasuharu Tokuda, Tetsuhiro Maeno Abstract No. AO209 |



| 14:00 - 14:40 Oral session 27 | | Room 257 |
|---|---|---|
| Title: Environmental and Occupational Health and Epidemiology 2 Chairs: Woo Jin Kim and Chu Thi Hanh | | |
| 14:00-14:10 | Short-term effects of ambient air pollutants on hospitalization for respiratory diseases in Hanoi adults, Vietnam. | Ngan Thi Kim Nguyen, Ngo Quy Chau, Giap Van Vu, Thanh Thi Nhat Vu, Christian Schindler, Nhung Thi Trang Nguyen, Nino Künzli Abstract No. AO212 |
| 14:10-14:20 | Characterization of children hospitalized with pneumonia in central Vietnam: A prospective study | Phuong Nguyen, Hoang Tran, Dominic Fitzgerald, Thach Tran, Steve Graham, Ben Marais Abstract No. AO213 |
| 14:20-14:30 | Identification of long non-coding RNA and circular RNA in mice after intra-tracheal instillation with fine particulate matter | Yijue Zhong, Yunxia Wang, Jiping Liao, Cheng Zhang, Guangfa Wang Abstract No. AO216 |
| 14:30-14:40 | PM2.5 could induce EMT by NLRP3 inflammasome activation | Yunxia Wang, Guangfa Wang Abstract No. AO217 |

| 14:00 - 15:10 Oral session 28 | | Room 259 |
|---|--|--|
| Title: Respiratory Neurobiology and Sleep Chairs: Yoshitaka Oku and Carl Mottram | | |
| 14:00-14:10 | How to diagnose obstructive sleep apnea in patients undergoing cardiovascular surgery | Ayfer Utkusavas Abstract No. AO218 |
| 14:10-14:20 | Anatomical structure and functional characteristics of upper airway in patients with OSA | Cheng Zhang, Mingxin Chen, Yuhong Gong, Liping Feng, Jing Ma, Guangfa Wang Abstract No. AO219 |
| 14:20-14:30 | Assessment of the Severity of obstructive sleep apnea using STOP and EPWORTH questionnaires | Hoang Huu Nguyen, Ba Thi Thu Nguyen, Duc Hong Nguyen, Bao Khac Le Abstract No. AO220 |
| 14:30-14:40 | Multi-center study to adapt stop-bang questionnaire to Vietnamese population | Khoa Duy Duong, Luu Van Pham, Phuong Thu Phan, Vu Thuong Le Abstract No. AO222 |
| 14:40-14:50 | miRNA-335-5p Mediates Intermittent Hypoxia-induced Injury in HUVEC Cells by Targeting Beclin 1 | Qingshi Chen, Qichang Lin, Guofu Lin, Lida Chen, Jiefeng Huang Abstract No. AO223 |
| 14:50-15:00 | How vascular-related factors become "the flyover" between OSA and depression | Xiao Meng Li Abstract No. AO224 |
| 15:00-15:10 | MIF may be a novel factor associated with OSAHS induced liver injury | Yayong Li, Yingquan Luo, Yu Yang, Xingang Huang, Yina Wang Abstract No. AO225 |

15:30-16:00 **COFFEE BREAK (Ground Floor)**

| 16:00-17:30 Symposium 29 | | State Room 2 |
|---|--|---------------------------------|
| Title: Lung Cancer 3 Chairs: Chong Jen – Yu and Chong - Kin Liam | | |
| 16:00 - 16:30 | Targeted therapy for lung cancer | Chong-Kin Liam (Malaysia) |
| 16:30 - 17:00 | Update immunotherapy therapy for mesothelioma | Yasuhiko Nishioka (Japan) |
| 17:00 - 17:30 | Pulmonary complications of lung cancer treatment | David Chi-Leung Lam (Hong Kong) |

| 16:00-17:30 Symposium 30 | | State Room 1 |
|--|--|---------------------------|
| Title: Pleural diseases Chairs: Nguyen Huu Uoc and Pyng Lee | | |
| 16:00 - 16:30 | Management of pleural infection | Chu Thi Hanh (Vietnam) |
| 16:30 - 17:00 | Management of malignant pleural effusion: challenges and solutions | Phan Thu Phuong (Vietnam) |
| 17:00 - 17:30 | Modern management of pneumothorax | Pyng Lee (Singapore) |

| 16:00-17:30 Symposium 31 | | Room: 101 |
|--|---|---------------------------|
| Title: Tuberculosis 2 Chairs: Toshie Manabe and Erlina Burhan | | |
| 16:00 - 16:30 | Tuberculosis contact investigation in high tuberculosis burden settings | Erlina Burhan (Indonesia) |
| 16:30 - 17:00 | Diagnosis of pulmonary NTM | Greg Fox (Australia) |
| 17:00 - 17:30 | Update treatment of NTM | Digambar Behera (India) |

| 16:00-17:30 Symposium 32 | | Room: 313 |
|---|--|----------------------------|
| Title: E-cigarette and health Chairs: Gustavo Zabert and Martinet Yves | | |
| 16:00 - 16:30 | Nicotine addiction | Nathalie Wirth (France) |
| 16:30 - 17:00 | E-cigarettes, current concept | Gustavo Zabert (Argentina) |
| 17:00 - 17:30 | Heat not burn tobacco, current concept | Martinet Yves (France) |

| 16:00 - 17:30 Oral session 29 | | Room 252 |
|---|--|--|
| Title: COPD 4 Chairs: Alberto Papi and Vu Van Giap | | |
| 16:00-16:10 | The brief ICF core set for obstructive pulmonary diseases: validation from the perspective of Chinese respiratory physicians | Bing Liu, Pu Wang, Min Zhou, Yi Guo, Ranran Dai Abstract No. AL0023 |



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| 16:10-16:20 | The impact of influenza vaccination among COPD patients in a tropical country | Andrew Li, Yiong Huak Chan, Jason Phua, Meifong Liew, Rakshya Pandey, Pyng Lee Abstract No. AL0024 |
| 16:20-16:30 | Initial evaluation on treatment of COPD with adipose-derived stem cells | Thuy Thanh Nguyen, Binh Huy Nguyen, Ngo Quy Chau, Phuong Thu Phan, Hanh Thi Chu, Phuong Cam Pham, Nghia Duc Nguyen Abstract No. AO227 |
| 16:30-16:40 | Initial results of autologous bone marrow derived stem cell therapy for patients with chronic obstructive pulmonary disease in respiratory center, Bach Mai Hospital | Trang T. Thu Vu, Ngo Quy Chau, Phuong Thu Phan, Thuy Thanh Nguyen Abstract No. AO228 |
| 16:40-16:50 | Effects of human umbilical cord-derived mesenchymal stem cells on cigarette smoke-induced chronic obstructive pulmonary disease animal model | Xiao-Yue Chen, Yi-Ying Chen, Willie Lin, Chien-Han Chen, Hsiao-Chi Chuang Abstract No. AO229 |
| 16:50-17:00 | Patients' perspective on choice of healthcare facility for the management of COPD | Yen Ngoc Pham, Anh Thu Nguyen, Thao Huong Nguyen, Toan Thanh Do, Sarah Bernays, Greg Fox Abstract No. AO230 |
| 17:00-17:10 | A Correlation Analysis: between Neutrophil Count, Lymphocyte Count, Neutrophil to Lymphocyte Ratio, Eosinophil Count, Hemoglobin Concentration and Severity of AECOPD | Yijun Chen, Yuandi Wang, Qiasheng Li, Dongying Zhang, Zhenyu Liang, Ying Fang, Wenhua Jian, Jinping Zheng Abstract No. AO231 |
| 17:10-17:20 | Factors Associated with Physical Activity in Patients with COPD: Multicenter Observational Study | Yoko Hamakawa, Naoya Tanabe, Susumu Sato, Kunihiro Terada, Hiroshi Shima, Kazuya Tanimura, Atsuyasu Sato, Toyohiro Hirai Abstract No. AO232 |
| 17:20-17:30 | The risk analysis of anxiety and depression in COPD patients during continuous medication and steady state | Yuandi Wang, Wenhua Jian, Chenqing Pan, Dongying Zhang, Jinping Zheng Abstract No. AO233 |
| 16:00 - 16:50 Oral session 30 Room 254 | | |
| Title: Interstitial Lung Disease 3 Chairs: Martin Kolb and Duong Quy Sy | | |
| 16:00-16:10 | Quantitative analysis of chest computed tomography in idiopathic pulmonary fibrosis using a novel artificial intelligence-based technology | Tomohiro Handa, Kiminobu Tanizawa, Tsuyoshi Oguma, Kizuku Watanabe, Naoya Tanabe, Takafumi Niwamoto, Hiroshi Shima, Takeshi Kubo, Kaori Togashi, Toyohiro Hirai Abstract No. AO235 |



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| 16:10-16:20 | Characteristics of mesothelial cells in fibrotic lesions of idiopathic pulmonary fibrosis | Won-Il Choi, Kun Young Kwon Abstract No. AO237 |
| 16:20-16:30 | Cases Pulmonary Alveolar Microlithiasis in Respiratory Center - Bach Mai Hospital | Thuy Thanh Nguyen, Phuong Thu Phan, Ngo Quy Chau, Ha Ngoc Pham Abstract No. AO239 |
| 16:30-16:40 | Serum galectin-3 could be useful biomarker to know progression of pulmonary fibrosis | Yasuhiro Setoguchi, Sayoko Kitagawa, Shinji Katayanagi, Yasunari Miyazaki Abstract No. AO240 |
| 16:40-16:50 | The inbuilt trial of nintedanib in patients with progressive fibrosing interstitial lung diseases: Subgroup of Asian patients | Yoshikazu Inoue, Athol U Wells, Jin Woo Song, Zuojun Xu, Hideya Kitamura, Takafumi Suda, Masaki Okamoto, Rozsa Schlenker-Herceg, Manuel Quaresma, Martin Kolb, Kevin K Brown Abstract No. AO241 |

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| 16:00 - 17:30 Oral session 31 Room 257 | | |
| Title: Respiratory Diseases I Chairs: Do Ngoc Son and Ning Hung Chen | | |
| 16:00-16:10 | Applying digital tools in managing clinical research: Report on experience of benefits, issues and implications on wider use | Binh Thi Cam Nguyen, Anh Thu Nguyen, Cuong Duc Pham, Greg James Fox Abstract No. AO242 |
| 16:10-16:20 | Talc pleurodesis combined with continuous positive airway pressure for refractory benign pleural effusion due to congestive heart failure and hepatic hydrothorax | Boon Hau Ng, Chun Ian Soo, Andrea Yu-Lin Ban, Abdul Hamid Faisal Abstract No. AO243 |
| 16:20-16:30 | A case report of pulmonary alveolar proteinosis at Cho Ray Hospital | Huyen Thanh Duong, Ngoc Minh Duong, Vu Thuong Le Abstract No. AO244 |
| 16:30-16:40 | A case report of brain abscess as complication of pulmonary arterio-venous malformations at Cho Ray Hospital | Huyen Thanh Duong, Ngoc Minh Duong, Vu Thuong Le Abstract No. AO245 |
| 16:40-16:50 | Introduction of a project for strengthening bronchoscopy in Vietnam | Masao Hashimoto, Satoru Ishii, Manabu Suzuki, Jin Takasaki, Gou Naka, Motoyasu Iikura, Shinyu Izumi, Yuichirou Takade, Masayuki Houjou, Haruhito Sugiyama, Giap Van Vu, Ngo Quy Chau Abstract No. AO246 |



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| 16:50-17:00 | Interventions for smoking cessation in health settings in low and middle-income countries: A systematic review and meta-analysis study | Toan Thanh Do, Erick Wan-Chun Huang, Anh Thu Nguyen, Minh Ngoc Luu, Thanh Hai Pham, Greg Fox Abstract No. AO247 |
| 17:00-17:10 | National Big Data Center of Respiratory Disease in China | Wenhua Jian, Jinping Zheng, Ying Fang, Dongying Zhang, Wenting Luo, Lei Chen, Yilong Chen, Jing Li, Qiang Yue, Bo Hu Abstract No. AO248 |
| 17:10-17:20 | Multi-center data integration and application based on respiratory health data platform | Ying Fang, Jinping Zheng, Wenhua Jian, Xuheng Lin, Yuhao Zheng, Xiaoyu Li Abstract No. AO249 |
| 17:20-17:30 | Altered Exosome microRNA Profile in Bronchoalveolar Lavage is Correlated to Serum Metabolites Dysregulation in Patients with Acinetobacter baumannii Ventilator-associated Pneumonia | Jianqing She, Bo Zhou Abstract No. AO108 |

14:00-17:00 **POSTER SESSION 4 (Poster Area)**

17:30-19:00 **APSR ASSEMBLY MEETINGS**

19:15 - 21:30 **GALA DINNER at Daewoo Hotel**



LANG CO, Hue



PROGRAM
SUNDAY
17
NOVEMBER

GOLDEN BRIDGE, Da Nang City

SUNDAY 17 NOVEMBER DETAILED PROGRAM

| | | |
|---|--|---|
| 08:10-08:50 Plenary Lecture 3 | | State Room 2 |
| Title: Woolcock Memorial Lecture - Individualised Management for Asthma – How far have we come? | | Vanessa M. McDonald (Australia) |
| 9:00-10:30 Symposium 33 | | State Room 2 |
| Title: Asthma 3 Chairs: Guy Marks and Phan Thu Phuong | | |
| 9:00 - 9:30 | Air pollution and asthma in the Asia-Pacific | Kian Fan Chung (United Kingdom) |
| 9:30 - 10:00 | Asthma epidemics: thunderstorm, wildfires | Guy Marks (Australia) |
| 10:00 - 10:30 | Preventing asthma exacerbations | Eric Bateman (South Africa) |
| 9:00 - 10:30 Symposium 34 | | State Room 1 |
| Title: Respiratory Infections (non-tuberculous) 2 Chairs: Dao Xuan Co and Soon Hin HOW | | |
| 9:00 - 9:30 | Diagnosis and treatment of invasive pulmonary aspergillosis | Eva Carmona Porquera (USA) |
| 9:30 - 10:00 | Diagnosis and treatment of candidas in ICU | Dao Xuan Co (Vietnam) |
| 10:00 - 10:30 | Update on treatment of fungal infection in immunocompromised patients | Eva Carmona Porquera (USA) |
| 9:00 - 10:30 Symposium 35 | | Room 205 |
| Title: Pulmonary Circulation - Management and registry of pulmonary vascular diseases in APSR countries Chairs: Le Thuong Vu and Nobuhiro Tanabe | | |
| 9:00 - 9:30 | Update on Management of pulmonary hypertension | Talant Sooronbaev (Kyrgyz) |
| 9:30 - 10:00 | Global registries in Group 3 pulmonary hypertension | Nobuhiro Tanabe (Japan) |
| 10:00 - 10:30 | Global Trends in Hospitalization and Mortality from PE including Asian Pacific countries | Le Thuong Vu (Vietnam) |
| 9:00 - 9:50 Oral session 32 | | Room 202 |
| Title: Respiratory Infections (non-tuberculous) 3 Chairs: Ki-Suck Jung and Nguyen Truong Giang | | |
| 9:00 - 9:10 | Pulmonary non-tuberculous mycobacterium infection: the Waikato experience 2010/2017 | Oliver James Howlett, Catherina (Cat) Chang Abstract No. AO210 |
| 9:10 - 9:20 | Diagnosis of lower respiratory tract disease (LRTD) and pneumonia using a smartphone-based cough-centered algorithm in an adolescent and adult acute-care cohort | Paul Porter, Scott Claxton, Joanna Brisbane, Fiona Purdie, Claire Smith, Javan Wood, Vesa Peltonen, Natasha Bear, Udantha Abeyratne Abstract No. AO250 |

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| 9:20 - 9:30 | High expression of programmed death-ligand 1 in surgical lung biopsy proven granulomatous site in infectious lesions in non-tuberculous mycobacterium lung disease | Takehiko Kobayashi, Kazunari Tsuyuguchi, Takahiko Kasai, Maiko Takeda, Yu Kurahara, Kanako Katayama, Takayuki Takimoto, Shojiro Minomo, Yoshikazu Inoue, Katsuhiro Suzuki Abstract No. AO253 |
| 9:30 - 9:40 | Development and Validation of a Nomogram for Predicting Stroke-Associated Pneumonia in Patients with Acute Ischemic Stroke | Yuting Lin Abstract No. AO255 |
| 9:40 - 9:50 | Analysis of strain distribution and clinical characteristics of non-tuberculous mycobacteria isolates in Shanghai | Yuye Zhang, Dongni Hou, Suzhen Wang, Chunmei Zhou, Yuanlin Song, Huayin Li Abstract No. AO256 |
| 9:00 - 9:40 Oral session 33 | | Room 252 |
| Title: Asthma 3 Chairs: Kang Yun Lee and Bui Binh Bao Son | | |
| 9:00 - 9:10 | Severe-refractory asthma and practical skills of physicians in Vietnam | Nguyen Van Thanh Abstract No. AL0043 |
| 9:10 - 9:20 | International severe asthma registry (ISAR): protocol for a global registry | David Price, Liam G. Heaney, Mark Hew, Peter Gibson, Andrew Menzies-Gow, Matthew Peters, Trung Tran, Jim Zangrilli Abstract No. AO270 |
| 9:20 - 9:30 | Is inhaled steroid-formoterol essential for success in asthma action plans? | T. K. Lim, Nora Said, Jaleelah Beevi, Salimah Maidin Abstract No. AO272 |
| 9:30 - 9:40 | Molecular allergy to Aspergillus fumigatus in distinguished diagnosis between allergic bronchopulmonary aspergillosis and Aspergillus fumigatus-sensitized asthma in a Southern Chinese Cohort | Wenting Luo, Baoqing Sun Abstract No. AO274 |
| 9:00 - 10:30 Oral session 34 | | Room 254 |
| Title: Clinical Respiratory Medicine 3 Chairs: Yun Wing Thomas Mok and Dushantha Madegedara | | |
| 9:00 - 9:10 | A middle-aged lady with recurrent pneumothorax due to Birt Hogg Dube syndrome- a case report | Sugeesha Wickramasinghe, Thanuja Tissera, Thushara Bandara, Sumudu Palihawadene, Dawpadee Dharmasena, Harshana Bandara, Saman Kularatne Abstract No. AL0026 |
| 9:10 - 9:20 | A young woman with rheumatoid arthritis and recurrent hemoptysis: a case of multiple cavitory pulmonary rheumatoid nodules with intravavitary mycetoma | Dawpadee Lochana Dharmasena, Harshana Bandara, Saman Kularatne, Wickramasingha Sugeesha, Tissera Thanuja Abstract No. AL0028 |



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| 9:20 - 9:30 | Diaphragmatic fenestrations causing recurrent catamenial pneumothorax | Harshana Bandara, Rasarathinam Jeyanthakumar, Dawpadee Dharmasena, Thanuja Thissera, Sugeesha Wickramasinghe, Thushara Bandara, Chanaka Rathnayake, Saman Kularatne, Sujeewa Ilangamage Abstract No. AL0029 |
| 9:30 - 9:40 | High flow nasal oxygen treatment for respiratory failure in adults: a case series | Ismail Hassan Abstract No. AL0030 |
| 9:40 - 9:50 | An unusual mimic: A case of an adrenal tumour mimicking a pleural effusion | Dawpadee Lochana Dharmasena, Harshana Bandara, Sugeesha Wickramasingha, Thanuja Tissera, Saman Kularatne Abstract No. AL0031 |
| 9:50 - 10:00 | A rare cause of multiple bilateral lung nodules in a young lady - pulmonary benign metastasizing leiomyoma - a case report | Dilanka Tilakaratne, Eshanth Perera Abstract No. AL0032 |
| 10:00-10:10 | Successful management of mixed respiratory failure with non-invasive mechanical ventilation, in ischemic stroke and sleep apnea patient | Allen Widysanto, Maranatha Liem, Cindy Meidy Leony Pradhana Abstract No. AL0033 |
| 10:10-10:20 | Dilemma of clinician; making clinical decision sans supportive clinical features- persistent fever due to lofgren syndrome | Sugeesha Wickramasinghe, Saman Kularatne, Thushara Bandara, Chanaka Ratnayake, Thanuja Tissera, Sumudu Palihawadene, Ramani Punchihewa, Sumana Handagala, Amila Rathnapala Abstract No. AO265 |
| 10:20-10:30 | An instruction sheet for Skin Prick Test (SPT) was formulated by multi-disciplinary team | Maggie PK Lit, Ivy LF Chen, Y S Yau, TM Ng, CH Ho, PY Lo, Kevin CY Sum, Johnny WM Chan Abstract No. AO266 |
| 9:00 - 9:40 Oral session 35 Room 257 | | |
| Title: Tobacco Control | | |
| Chairs: Martinet Yves and Lenora C. Fernandez | | |
| 9:00 - 9:10 | Are Australian smokers becoming more hardcore (and do we need e-cigarettes as a game changer?) | Tanya Buchanan, Ezinne Igwe, Christopher A Magee, Peter J Kelly Abstract No. AL0034 |
| 9:10 - 9:20 | Anxiety and depression status in smokers and effects of depression and anxiety on smoking cessation treatment | Nurgul Bozkurt, Ali İhsan Bozkurt Abstract No. AL0035 |
| 9:20 - 9:30 | How much does the risk of cardiovascular disease reduce in employees after quitting smoking? | Nurgul Bozkurt, Suleyman Utku Uzun, Ali Ihsan Bozkurt, Sebahat Turgut Abstract No. AL0036 |
| 9:30 - 9:40 | Characterising smoking behaviour among adult patients presenting to health facilities in four provinces of Vietnam | Wan-Chun Huang, Yen Ngoc Pham, Thu Anh Nguyen, Guy Barrington Marks, Viet Nhung Nguyen, Vu Van Giap, Ngo Quy Chau, Gregory James Fox Abstract No. AL0037 |

10:30-11:00 **COFFEE BREAK****Ground Floor**

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| 11:00-12:30 Symposium 36 State Room 2 | | |
| Title: Critical care medicine 2 – Ventilator associated pneumonia management in the era of antibiotic resistance | | |
| Chairs: Georgios Kitsios and Do Quyet | | |
| 11:00 - 11:30 | How to select appropriate empirical antibiotics | Hans Liu (USA) |
| 11:30 - 12:00 | How to deescalate and stop antibiotics | Georgios Kitsios (USA) |
| 12:00 - 12:30 | Prevention and treatment of VAP | Georgios Kitsios (USA) |

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| 11:00-12:30 Symposium 37 State Room 1 | | |
| Title: Respiratory Infections (non-tuberculous) 3 | | |
| Chairs: Nguyen Truong Giang and Ki - Suck Jung | | |
| 11:00 - 11:30 | Diagnosing CAP – advances in imaging | Nguyen Truong Giang (Vietnam) |
| 11:30 - 12:00 | MDR pathogens in respiratory infections | Hans Liu (USA) |
| 12:00 - 12:30 | Update on treatment of hospital acquired pneumonia | Ki – Suck Jung (Korea) |

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| 11:00-12:30 Symposium 38 Room 205 | | |
| Title: COPD 4 | | |
| Chairs: Ngo Quy Chau and Shigeo Muro | | |
| 11:00 - 11:30 | Update on diagnosis of Asthma COPD overlap | Alberto Papi (Italy) |
| 11:30 - 12:00 | GERD and COPD patients with frequent exacerbations | Shigeo Muro (Japan) |
| 12:00 - 12:30 | Update of pulmonary rehabilitation in treatment of COPD | Jose Jardim (Brazil) |

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| 11:00 - 12:10 Oral session 36 Room 202 | | |
| Title: Respiratory Diseases 2 | | |
| Chairs: Talant Sooronbaev and Phan Thu Phuong | | |
| 11:00-11:10 | Nocturnal hypoxemia and mean heart rate predict cardiovascular consequences in obstructive sleep apnea: a historical clinic cohort study | Pei Hang Xu, Daniel YT Fong, Peony WC Chong, Christopher KM Hui, Macy MS Lui, David CL Lam, Mary SM Ip Abstract No. AL0038 |
| 11:10-11:20 | Shift work disorder and insomnia severity of health-care workers in a tertiary hospital in Vietnam | Dao Ngoc Duc, Vu Van Giap, Le Khac Bao, Hoang Anh Duc, Chu Thi Hanh, Ngo Quy Chau Abstract No. AL0040 |
| 11:20-11:30 | Measuring improvement in respiratory care via healthy lung program study in Vietnam | Quy Chau Ngo, Viet Nhung Nguyen, Thi Tuyet Lan Le, Van Giap Vu, Van Thanh Vu, Van Tho Nguyen, Thi Thuan Phan, Thi My Hanh Tran, Khac Luong Quang Nguyen, Thi Xuan Khanh Nguyen, Le Thanh An Nguyen, Thi Thanh Ha Le Abstract No. AI0041 |



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| 11:30-11:40 | Germ cell tumours of the anterior mediastinum - 3 cases | Dilanka Tilakaratne, Ramani Punchihewa, Sumudu Palihawadana, Eshanth Perera Abstract No. AL0042 |
| 11:40-11:50 | The prognostic role of red cell distribution width in venous thromboembolism and related mortality: a meta-analysis study | Muhamad Fajri Adda'l, Atika Budhy Setyani, Jonathan Hasian Haposan, Andi Khomeini Takdir Haruni, Amiliana Mardiani Soesanto Abstract No. AO267 |
| 11:50-12:00 | Adeno-associated viral-mediated depletion of Cyr61 aggravates the progression of pulmonary arterial hypertension via inhibiting nitric oxide production | Yong Fan, Yanjie Hao, Dai Gao, Lan Dao, Zhuoli Zhang Abstract No. AO268 |
| 12:00-12:10 | Reduction of antioxidant activity in rats of emphysema with pulmonary hypertension induced by su5416/hypoxia: potential roles of vascular endothelial growth factor | Yosuke Wada, Yoshiaki Kitaguchi, Masanori Yasuo, Masayuki Hanaoka Abstract No. AO269 |
| 11:00 - 12:00 Oral session 37 Room 252 | | |
| Title: Lung Cancer 4 | | |
| Chairs: Le Thuong Vu and Tom John | | |
| 11:00-11:10 | Coexisted streptococcus and Veillonella dispar microbial markers in the upper/lower bronchial tree and gut predict Taiwan lung cancer | Jiun-Ting Wu, Chih-Po Chiang, Yao-Tsung Yeh, Jiun-Rung Chen, Po-An Chou, Ming-Shyan Huang Abstract No. AL0025 |
| 11:10-11:20 | Prognostic implication of driver mutation on resected Stage I Adenocarcinoma of Lung | Wang Chun Kwok, Ting Fung Ma, James Chung Ma Ho, David Chi Leung Lam, Ko Yung Sit, Mary Sau Man Ip, Terence Chi Chun Tam Abstract No. AO257 |
| 11:20-11:30 | The risk of second primary malignancies in patients with lung neuroendocrine tumours: a nested case-control study based on SEER database | Xiang Bu, Hui Ren, Mingwei Chen Abstract No. AO259 |
| 11:30-11:40 | Evaluate the natural killer cell activity in patients with advanced stage non-small cell lung cancer | Do Quyet, Ta Ba Thang, Pham Thi Kim Nhung Abstract No. AO148 |
| 11:40-11:50 | A case of dermatomyositis with missed lung cancer and concurrence of pulmonary tuberculosis | Yang Bai, Shuliang Guo Abstract No. AO261 |
| 11:50-12:00 | Silica Level in Bronchoalveolar lavage of Lung Cancer Patient | Indiane Putri Ningtias, Jamal Zaini, Agus Dwi Susanto, Prasenhadi Abstract No. AO027 |

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| 11:00-11:40 Oral session 38 Room 254 | | |
| Title: Tuberculosis 4 | | |
| Chairs: Greg Fox and Nguyen Van Tho | | |
| 11:00-11:10 | The role of thoracoscopic in the treatment of early sequelae of tuberculous pleural effusion in national lung disease hospital - Vietnam in 10 years 1/2009-1/2019 | Vu Do Abstract No. AL0046 |
| 11:10-11:20 | TNFA-308G/A gene polymorphism in susceptibility to pulmonary tuberculosis among Indonesian population | Bintang Yinke Magdalena Sinaga, Zainuddin Amir Abstract No. AL0049 |
| 11:20-11:30 | Concomitant legendary foes of mankind; co-infection with tuberculosis and leprosy- a case report | Sugeesha Wickramasinghe, Saman Kularatne, Aruna Gunapala, Daupadhi Samarakoon, Dawpadee Dharmasena, Harshana Bandara Abstract No. AL0050 |
| 11:30-11:40 | Socio-demographic and risk factors for the development of multi drug resistant tuberculosis | Sugeesha Wickramasinghe, Dilanka Tilakaratne, Kaushalya Rajapaksa, Dawpadee Dharmasena, Harshana Bandara, Eshanth Perera, Bandu Gunasena, Saman Kularatne Abstract No. AL0051 |

12:30-13:00 Closing Ceremony State Room 2





POSTER SESSIONS

FRIDAY 15 NOVEMBER TO SATURDAY 16 NOVEMBER

Binh Thuan

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 8:30 and taken down by the 17:30 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, November 15th, 2019 | |
|--|---------------|
| Poster session 1 9:00 - 12:00 | Boards |
| Cell and Molecular Biology | AP074 - AP079 |
| Asthma | AP001 - AP012 |
| Tuberculosis | AP476 - AP485 |
| Clinical Respiratory Medicine | AP093 - AP110 |
| Bronchoscopy and Interventional Techniques | AP034 - AP045 |
| Lung Cancer | AP290 - AP301 |
| Respiratory Infections (non-tuberculous) | AP387 - AP397 |
| Critical Care Medicine | AP199 - AP207 |
| COPD | AP132- AP153 |
| Pulmonary Circulation | AP374 - AP385 |
| Poster session 2 14:00 - 17:00 | Boards |
| Asthma | AP013 - AP022 |
| Cell and Molecular Biology | AP082 - AP087 |
| Interstitial Lung Disease | AP257 - AP271 |
| Lung Cancer | AP305 - AP320 |
| Tuberculosis | AP486 - AP502 |
| Clinical Respiratory Medicine | AP113- AP131 |
| Bronchoscopy and Interventional Techniques | AP047- AP059 |
| Respiratory Infections (non-tuberculous) | AP399 - AP416 |
| Respiratory Diseases (Other) | AP355 - AP360 |
| Saturday, November 16th, 2019 | Boards |
| Poster session 3 9:00 - 12:00 | |
| Environmental and Occupational Health and Epidemiology | AP229 - AP244 |
| Critical Care Medicine | AP208 - AP216 |
| COPD | AP154 - AP173 |
| Lung Cancer | AP321- AP335 |

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| Respiratory Structure and Function | AP463 - AP475 |
| Interstitial Lung Disease | AP272 - AP288 |
| Tuberculosis | AP503 - AP520 |
| Respiratory Neurobiology and Sleep | AP437 - AP451 |
| Poster session 4 14:00 - 17:00 | Boards |
| Critical Care Medicine | AP218 - AP225 |
| Environmental and Occupational Health and Epidemiology | AP246 - AP254 |
| Clinical Allergy and Immunology | AP088 - AP092 |
| Lung Cancer | AP337 - AP354 |
| Bronchoscopy and Interventional Techniques | AP060 - AP073 |
| Respiratory Infections (non-tuberculous) | AP417 - AP436 |
| Asthma | AP025 - AP033 |
| COPD | AP176 - AP197 |
| Paediatric Lung Disease | AP363 - AP372 |
| Respiratory Neurobiology and Sleep | AP454 - AP462 |



FRIDAY 15 NOVEMBER

POSTER SESSION I

9:00 – 12:00

The presenting author is indicated as bold font.

15th
SESSION I

| Paper title | Author(s) | Board # | Position |
|---|--|---------|----------|
| Asthma Chair: Peter Gibson | | | |
| Social demographics and clinical characteristics of adult asthma admissions to critical care unit in an urban teaching hospital | Boon Hau Ng , Chun Ian Soo, Abdul Hamid Faisal, Andrea Yu-Lin Ban | AP001 | 1A |
| Study of lung inflation in asthma patients with osmotic airway hyperresponsiveness | Evgeniya Yu. Afanaseva, Juliy M. Perelman , Anna G. Prikhodko, Andrey V. Il'in | AP003 | 1B |
| Health-related quality of life in patients with asthma with fixed airflow limitation | Natalia L. Perelman, Ekaterina Yu. Kochegarova, Juliy M. Perelman | AP004 | 2A |
| Application of extrafine beclomethasone/formoterol to achieve asthma control in patients with cold and/or osmotic airway hyperresponsiveness | Juliy M. Perelman , Aleksey B. Pirogov, Anna G. Prikhodko, Evgeniya Yu. Afanaseva, Ekaterina Yu. Kochegarova | AP005 | 2B |
| The efficacy and safety of benralizumab in Japanese patients with severe asthma: A multicenter study. | Takashi Tachiwada , Kei Yamasaki, Yosuke Sasahara, Hiroki Kawabata, Takeshi Orihashi, Toshinori Kawanami, Kazuhiro Yatera | AP006 | 3A |
| Prevalence and severity of asthma using written and video questionnaires of the international study of asthma and allergies in childhood (ISAAC) in Sri Lankan children | WAD Lakmali Amarasiri , A Rajitha Wickramasinghe, Amitha G Fernando, Kirthi D Gunasekera | AP007 | 3B |
| Analysis of clinical effects of mepolizumab in patients with severe eosinophilic asthma: A single institutional study | Masafumi Yamaguchi , Hiroaki Nakagawa, Daisuke Kinose, Taishi Nagao, Emiko Ogawa, Yasutaka Nakano | AP008 | 4A |
| Audit of high risks asthma patients at risk of fatal-near fatal asthma exacerbation who default clinic visits | Teo Ai Huay , Teoh Oon Hoe, Biju Thomas, Arun kumar Pugalenti, Chiang Andrea, Lee Guan Tain, Tan Soh Yan, Hoon Mary | AP009 | 4B |
| The effect of mepolizumab treatment in patients with severe asthma in 1 year | Teo Ai Huay , Teoh Oon Hoe, Biju Thomas, Arun kumar Pugalenti, Chiang Andrea, Lee Guan Tain, Tan Soh Yan, Hoon Mary | AP012 | 5A |
| Foreign body of the airway triggering severe asthma exacerbation | Son Bao Vu , Tuan Anh Tran | AP028 | 51A |

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| Bronchoscopy and Interventional techniques Chair: Vu Van Giap | | | |
| Treatment of pulmonary giant bulla by bronchoscopy using one-way endobronchial valve. A case report | Hoang Anh Duc , Ngo Quy Chau, Vu Van Giap, Le Hoan | AP034 | 5B |
| A case of hemoptysis due to bronchial varices treated with variceal sclerotherapy | Tadashi Sakaguchi , Yoshiyuki Takashiba, Kazuki Furuhashi, Yuki Nakamura, Yuta Suzuki, Kentaro Ito, Kentaro Fujiwara, Yoichi Nishii, Osamu Taguchi, Osamu Hataji | AP036 | 6A |
| Predictive diagnostic yield of flexible bronchoscopy for central lesions | Tanawat Tengsirikomol , Viboon Boonsarngsuk | AP037 | 6B |
| Bronchoscopic cryotherapy as a bridging therapy in the management of endobronchial mucoepidermoid carcinoma | May Crystel Cuevas Rago , Manilyn Berba Lejos-Sabado, Jim Paulo Palma Pantas, Krislyn Gabinete Panugayan, Dennis Teo | AP038 | 7A |
| Cryoablation of a rare endobronchial lesion: non-resolving cough in a young healthy adult male patient | Bernadette Meifel Joyce Dacuycuy Madamba , Joven Roque Gonong | AP039 | 7B |
| Risk factors for predicting the hypoxia in patients with sedation during bronchoscopy | Ji Soo Choi , Nam Eun Kim, Sang Hoon Lee, Moo Suk Park, Young Sam Kim | AP041 | 8A |
| Characteristics of pleurisy with end-stage renal disease; findings with thoracoscopy under local anesthesia | Katsuhiro Inoue , Atsushi Shimauchi, Ritsu Ibusuki, Takafumi Kayukawa, Daisuke Etou, Yuuki Okamoto, Kazuya Tsubouchi, Taishi Harada | AP042 | 8B |
| Endobronchial hamartoma a case report | Monica Kristine Lin Madera-Roberts , Czarina Mora, Randy Joseph Castillo | AP045 | 9A |
| Cell and molecular biology Chair: Chul Guy Yoo | | | |
| Fatty acids metabolism of leukocytes in Asthma-COPD overlap syndrome | Yulia Denisenko , Tatyana Novgorodtseva, Marina Antonyuk | AP074 | 9B |
| Comparative characteristics of fatty acid composition of blood plasma and erythrocytes in chronic respiratory diseases | Tatyana Novgorodtseva, Yulia Denisenko , Tatyana Gvozdenko, Vera Knysheva | AP075 | 10A |
| Cytokine response and CD14+CD282+ cells in non-smokers with chronic obstructive pulmonary disease | Tatyana Vitkina, Karolina Sidletskaya , Yulia Denisenko | AP076 | 10B |
| Bioindicators of early stage of alveolar macrophages damage induced by exposure to air micro-toxicants | Tatyana Gvozdenko, Lyudmila Barskova, Yulia Denisenko, Natalia Zymchenko, Karolina Sidletskaya | AP077 | 11A |



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| Plasma plasmalogen levels in asthma associated with obesity | Yulia Denisenko , Tatyana Novgorodtseva, Marina Antonyuk, Sergey Kasynov, Ekaterina Ermolenko, Ruslan Sultanov | AP078 | 11B |
| Decreased expression of glucocorticoid receptor in peripheral blood cytotoxic/pro-inflammatory lymphocytes in cystic fibrosis | Hong Liu , Matthew Macowan, Judith Morton, Sally Chapman, Emily Hopkins, Suzanne Maiolo, Hai Bac Tran, Greg Hodge, Sandra Hodge | AP079 | 12A |
| Clinical respiratory medicine Chair: Yun Wing Thomas Mok | | | |
| Pulmonary complications of cosmetic procedures: 2 rare cases and review of literature | Nai Chien Huan, Khai Lip Ng, Kunji Kannan SK, Inn Shih Khor , | AP093 | 12B |
| Chronic cough is associated with depressive mood in general population and COPD; analysis of data from Korean national health and nutrition examination survey from 2014 and 2016 | Ho Cheol Kim , Ju-young Kim, Tae Hoon Kim | AP095 | 13A |
| Airflow obstruction in bronchiectasis: the association between the types of bronchiectasis and pulmonary function tests | Ronald Palma , Ma Encarnita Limpin, Teresita De Guia | AP096 | 13B |
| Case Study: 43-Year-Old Male Presents with pertussis (Whooping cough) | Nguyen Hai Anh, Nguyen Thi Hong | AP097 | 14A |
| A prospective survival analysis of nursing and healthcare associated pneumonia | Kenji Umeki , Kosaku Komiya, Ryosuke Hamanaka, Hiroki Yoshikawa, Eri Mizukami, Ryuichi Takenaka, Shinichi Nureki, Masaru Ando, Kazufumi Hiramatsu, Junichi Kadota | AP098 | 14B |
| The correlation of End-tidal CO ₂ measured by pulse oximetry-capnometer 'Capnoeye' with PaCO ₂ in patients with respiratory diseases: A retrospective study in a chest medical center | Yuji Inagaki , Yoshinobu Matsuda, Kouji Azuma, Yuichi Adachi, Takatoshi Enomoto, Shunichi Kouno, Tomoko Kagawa, Naoko Takeuchi, Yoshikazu Inoue | AP101 | 15A |
| Incidence of iatrogenic over-oxygenation in patients admitted to hospital with an acute respiratory condition | Khine Khine Yin Mon , Nasrin Hasan, Steven Xie, Sarah Khan, David Ferreira, Belinda Cochrane, Claudia Dobler | AP102 | 15B |
| Effect of 24-week inspiratory muscle training in patients with myasthenia gravis and its influence on quality of life | Chia Ling Chang , Wen Lan Wu | AP104 | 16A |
| The unfortunate event: an acute massive pulmonary embolism following a myocardial infarction. | Nor Suraya Samsudin , Nurul Yaqeen Mohd Esa, Aisya Natasya Musa, Mohd Arif Mohd Zim | AP107 | 16B |



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| Clinical characteristics of patients diagnosed with airflow obstruction by using fixed ratio and lower limit of normal of FEV ₁ /FVC | Thanh Hai Ngo Nguyen , Bao Khac Le, Duc Hong Nguyen | API08 | 17A |
| A multi-center survey on long-term oxygen therapy with chronic lung disease in south Korea | Hyo Jin Kim , Jun hyeong Kim, Mi Young Kim, Sung Hyun Kim, Ji Young Yang, Young Min Lee, Hong Yeul Lee, Seung Won Ra, Jae Ha Lee, Hyun-Kyung Lee | API09 | 17B |
| Organizing pneumonia secondary to detergent ingestion | Mohamed Faisal Abdul Hamid, Andrea Ban Yu-Lin, Rose Azzlinda Osman, Azira Ahmad Kamil, Nur Amani Aris, Norita Idris, Syarifah Syahirah Syed Abbas, Ng Boon Hau | API10 | 18A |
| COPD Chair: Nguyen Nhu Vinh | | | |
| Evaluating the effectiveness of therapeutic intervention counselling in patients with chronic obstructive pulmonary disease in Nghe An province | Huy Nhat Le , Hanh Thi Chu | API32 | 18B |
| Optimise resources enable better management of patients afflicted with chronic obstructive pulmonary disorder (COPD) in hospital | Wong Wai Mun , Shereen Chueen Yee | API34 | 19A |
| Effects of vitamin C on the severity of chronic obstructive lung disease in never smokers | Haesoo Jeon , Taeyun Kim, Hyunji Choi, Jehun Kim | API35 | 19B |
| Acute exacerbation of chronic obstructive pulmonary disease (COPD) or pneumonia in COPD: Should they be differentiated? | Vu Thuong Le | API38 | 20B |
| Home non-invasive ventilation for a patient after acute exacerbation of COPD | Vu Thuong Le | API39 | 21A |
| Acute exacerbation (AE) of chronic obstructive pulmonary disease (COPD): assessment of severity | Vu Thuong Le | API40 | 21B |
| Fixed airway obstruction (FAO) may be redefined in COPD according to exacerbation | So-Young Park , Sung Ok Kwon, Kwang Ha Yoo | API41 | 22A |
| Dose-escalation strategy to increase adherence to roflumilast in Asian patients with COPD | Sei Won Lee , Jieun Kang, Tai Sun Park | API42 | 22B |
| Correlation between inspiratory capacity profile and health-related quality of life in patients with chronic obstructive pulmonary disease | Mengzhen Cheng , Dongni Hou, Cuicui Chen, Yuanlin Song | API45 | 23A |
| Obstruction post bronchodilator in pulmonary function test: are they COPD? | Ling-Ling Chou | API46 | 23B |



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| Isoflavone aglycones attenuate cigarette smoke-induced emphysema via suppression of neutrophilic inflammation in a COPD murine model | Kazuya Kojima , Kazuhisa Asai, Arata Sugitani, Hiroaki Kubo, Kazuhiro Yamada, Naoki Ijiri, Tetsuya Watanabe, Kazuto Hirata, Tomoya Kawaguchi | AP147 | 24A |
| LNCRNA neat1 regulates il-6 and il-8 mRNA expression in lung epithelial cells stimulated by cigarette smoke | Naoki Ijiri , Kazuhisa Asai, Mitsunori Tohda, Toshiyuki Nakai, Kanako Sato, Norio Yamamoto, Tetsuya Watanabe, Kazuto Hirata, Tomoya Kawaguchi | AP148 | 24B |
| Correlation between wood dust levels with interleukin-8 in blood serum among wood processing workers at X company, Tanjung Morawa-North Sumatera | Jubilette Windy Hutabarat , Nuryunita Nainggolan, Amira Permatasari Tarigan, Putri Eyaner | AP149 | 25A |
| Serum CC-16 level between bronchiectasis and chronic obstructive pulmonary disease patients | Jee Youn Oh , Juwhan Choi, Young Seok Lee, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee, Jae Jeong Shim | AP150 | 25B |
| The impact of 1-month and 2-month upper and lower limb exercise to muscle mass in COPD patients | Molina Khairunnisya Simatupang , Amira Permatasari Tarigan, Pandiaman Pandia, Putri Chariani Eyaner | AP152 | 26A |
| Critical care medicine Chair: Do Quyet | | | |
| Neurogenic pulmonary edema masquerading as diffuse alveolar hemorrhage | Praveen Radhakrishnan , Yuvarajan S, Antonious Maria Selvam, Kamal Bharathi | AP199 | 27A |
| Bilateral pneumothorax and acute respiratory failure in an adult diagnosed with PCP | James Caguioa Omaña | AP200 | 27B |
| Pembrolizumab-related fatal myocarditis - a case report | Linh Hue Vu , Bennett Courtney | AP201 | 28A |
| Emergence of <i>ralstonia picketti</i> in critically ill patients - innocent bystander or potential threat? | Marian Dimabuyu , Suzanne Santos | AP202 | 28B |
| Use of High Flow Nasal Cannula (HFNC) in smoke inhalation injury | Marian Dimabuyu , Guinevere Dy Agra | AP203 | 29A |
| Performance of a modified crb-65 score as a rapid screening tool for sepsis in initial emergency department: A propensity score matching study | Jonghoo Lee , Jae-Uk Song, | AP204 | 29B |

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| Prognostic factors of ARDS in dermatomyositis and polymyositis patient associated ILD | Sung Jun Chung , Jang Won Sohn, Hyun Lee, Dong Won Park, Sang Heon Kim, Ho Joo Yoon | AP205 | 30A |
| Age based analysis of patients with acute respiratory failure in ICU | Fatma Ciftci, Aslihan Gurun Kaya, Burak Verdi, Ozlem Isik, Serhat Erol, Aydin Ciledag, Akin Kaya | AP207 | 30B |
| Lung cancer Chair: Digambar Behera | | | |
| Clinical, paraclinical characteristics and histopathology classification of lung adenocarcinoma by IASLC/ATS/ERS 2011 | Tinh Van Nguyen , Ngo Quy Chau, Hung Van Nguyen, Doi Quang Nguyen | AP290 | 31A |
| Correlation between epidermal growth factor receptor mutation and histologic classification of lung adenocarcinoma according to the IASLC/ATS/ERS IASLC/ATS/ERS 2011 | Tinh Van Nguyen , Ngo Quy Chau, Hung Van Nguyen, Doi Quang Nguyen | AP291 | 31B |
| Prognostic impact of the presence of COPD in patients with NSCLC under conventional systemic chemotherapy | Jin Woo Kim, Seung Hoon Kim | AP292 | 32A |
| A case of lung cancer with ALK rearrangement diagnosed in abdominal lymph node biopsy in the patient with end-stage renal disease undergoing hemodialysis | Sunghoon Song , Kideok Yoo, Changwon Ha, Hyun Kim, Sanghoon Han, Pilgyu Park | AP293 | 32B |
| Predictive factors of osimertinib as salvage treatment for metastatic EGFR t790m positive lung adenocarcinoma | Ji Young Park , Seung Hun Jang, Hwan Il Kim, Joo-Hee Kim, Sunghoon Park, Yong Il Hwang, Ki-Suck Jung, Jinwon Seo | AP295 | 33A |
| Factors affecting chronic cough following lung cancer surgery | Michitaka Kimura , Takashi Tojo, Takeru Hyakutake | AP296 | 33B |
| A case of a rapidly growing intrathoracic chest wall type lipoma: resected by video-assisted thoracoscopic surgery | Kazuki Ito , Takaharu Kiribayashi, Hironobu Nishimuta, Osahiko Hagiwara, Toru Niitsuma, Kei Takahashi, Yoshihisa Saida | AP297 | 34A |
| Rare case of lung adenocarcinoma presenting as lung abscess | Prasanjanie Anuruddhika Jayasinghe , Ruwanthi Jayasekara, Afla Sadikkeen, Amitha Fernando | AP298 | 34B |
| Immune histochemistry profiles and other cancer associations among lung neoplasms diagnosed at a tertiary care unit in Sri Lanka | Vipula R Bataduwaarachchi , Ravini D S Karunathilake, Roshana Constantine, Kirthi Gunasekara | AP300 | 35A |



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| A case of pulmonary pleomorphic carcinoma with effective radiotherapy | Isana Katayama , Kenichi Obata, Noriko Hayama, Yuichiro Honma, Yuichiro Itoigawa, Mitsuhiro Fujii | AP301 | 35B |
| Pulmonary circulation Chair: Talant Sooronbaev | | | |
| The value of D-dimer test and combination with wells score, revised geneva score in diagnosis the pulmonary embolism in patients with COPD exacerbations | Doi Quang Nguyen , Thai Hong Hoang, Hanh Thi Chu, Ngo Quy Chau | AP374 | 36A |
| Prevalence and risk factors of pulmonary embolism in chronic obstructive pulmonary disease exacerbations | Doi Quang Nguyen , Thai Hong Hoang, Hanh Thi Chu, Ngo Quy Chau | AP375 | 36B |
| Interim report: long-term influence of bosentan on prognosis, activities of daily living (ADL), cardiac function and pulmonary function in patients with pulmonary hypertension secondary to COPD | Yosuke Tanaka , Mitsunori Hino, Junichi Aoyama, Seiji Kosaihiro, Tetsuya Okano, Masahiro Seike, Akihiko Gemma | AP377 | 37A |
| Pulmonary arterial hypertension as the first presentation in Ana-negative SLE | Aisya Natasya Musa , Firdaus Zakaria, Hazlyna Baharuddin, Mohd Arif Mohd Zim | AP378 | 37B |
| A rare cause of haemoptysis in a young lady caused by systemic arterialization of the lung without sequestration. | Andrea Ban , Hema Munusamy, Chun Ian Soo, Boon Hau Ng, Mohamed Faisal Abdul Hamid, Yazmin yaacob, Azira Ahmad Kamil, rose azzlinda Osman | AP379 | 38A |
| Embolic burden score and risk of death in patients with acute pulmonary embolism | Dae Sung Hyun , Chi Young Jung | AP380 | 38B |
| A case of pulmonary arteriovenous fistula without hereditary hemorrhagic telangiectasia in a young male with secondary erythrocytosis | Mithi Kalayaan Solis Zamora | AP381 | 39A |
| Clinical characteristics of borderline pulmonary hypertension -retrospective single center analysis | Takashi Yoshida , Tetsutaro Nagaoka, Yuichi Nagata, yoshifumi Suzuki, Takeo Tsutsumi, Sachiko Kuriyama, Kazuhisa Takahashi | AP382 | 39B |
| A case of recurrent pulmonary thromboembolism associated with Methylenetetrahydrofolate Reductase C677T polymorphism with normal range of plasma homocysteine level | Myung Sook Kim , Jinsoo Min, Yeonhee Park, Ji Won Park, Seungsoo Kim | AP383 | 40A |
| A rare case of pulmonary hemangioma | Aulia Rahman , Indra Yovi | AP384 | 40B |

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| A rare case of congenital absence of left pulmonary artery presenting in late adulthood | Jason Martin Dsouza , Yeong Shyan Lee, Chuen Peng Lee, John Arputhan Abisheganaden, Geak Poh Tan | AP385 | 41A |
| Respiratory infections (non-tuberculous) Chair: Dao Xuan Co | | | |
| Additional diagnostic value of chest computed tomography in patients with pneumonia. | Takuto Sueyasu , Kazunori Tobino, Mitsukuni Sakabe, Masanobu Okahisa, Yuki Goto, Ryunosuke Oi, Kojin Murakami, Saori Nishizawa, Kohei Yoshimine | AP387 | 41B |
| Identifying actinomyces in uncertain pulmonary lesions on radiographic image: A case report and literature review | Robert Shan Fon Tsai , Shew Meei Sheu | AP388 | 42A |
| Diagnosis of Invasive Pulmonary Aspergillosis in Immunocompromised Hosts by Next Generation Sequencing | Donghui Zhang, Dongni Hou, Yuye Zhang | AP389 | 42B |
| The use of inappropriate antibiotics in patients admitted to intensive care units with nursing home-acquired pneumonia at a Korean teaching hospital | Hyung Koo Kang , Won Bae, So-Hee Park, Hyeon-Kyoung Koo, Hye Kyeong Park, Sung-Soon Lee | AP391 | 43A |
| Achromobacter xylosoxidans bacteremia: A report of three cases and review of the literature | Hou Chien , Chu Yuan Hsin | AP392 | 43B |
| The incidence of herpesviral and respiratory viral infection in chronic simple bronchitis in remission in pregnant women | Igor N. Gorikov, Victor P. Kolosov , Andrey P. Milovanov, Leonid G. Nakhamchen, Irina A. Andrievskaya, Inna V. Dovzikova, Natalia A. Ishutina | AP393 | 44A |
| Endothelin-1 content in pregnant women with chronic simple bronchitis associated with cytomegalovirus infection | Igor N. Gorikov, Andrey P. Milovanov, Victor P. Kolosov , Leonid G. Nakhamchen, Irina A. Andrievskaya, Inna V. Dovzikova, Natalia A. Ishutina | AP395 | 44B |
| Effect of NLRP3 inflammasome in pneumonia caused by influenza a virus H1N1 and MRSA | Yunfeng Shi , XiaoHan Shi, JunHui Ba, Jiajia Hu, JinMei Luo, BenQuan Wu | AP396 | 45A |
| Effect of NLRP3 inflammasome in MRSA infection secondary to influenza a virus H1N1 in vitro | Yunfeng Shi , XiaoHan Shi, JunHui Ba, JianNing Chen, JinMei Luo, BenQuan Wu | AP397 | 45B |



| Paper title | Author(s) | Board # | Position |
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| Tuberculosis Chair: Ann Wi | | | |
| Simultaneous coexistence of malignancy and tuberculosis – a Sri Lankan experience | Dilanka Tilakaratne , Shehani Balasooriya, Eshanth Perera | AP476 | 46A |
| Risk factors of latent tuberculosis among hemodialysis patients with advanced chronic kidney disease | Yusup Subagio Sutanto , Dewi Nurul Makhabah, Astuti Setyawati | AP477 | 46B |
| Tuberculous pleurisy mimicking mesothelioma | Saori Nishizawa , Kazunori Tobino, Mitsukuni Sakabe, Masanobu Okahisa, Yuki Goto, Ryunosuke Oi, Takuto Sueyasu, Kohei Yoshimine | AP478 | 47A |
| Factors associated with unusual radiological images of pulmonary tuberculosis | Akihiko Goto , Kosaku Komiya, Takamasa Kan, Shuichi Takikawa, Tetsuyuki Yoshimatsu, Jun-ichi Kadota | AP479 | 47B |
| Rare disease: tubercular monoarthritis of wrist | Tan Wang Jie , Goon Ai Kiang, Lem Li Khen, Irfhan Ali, Umadevi, Fatimah Azmah | AP481 | 48B |
| Co-existing tuberculosis and lymphoma in a middle-aged man - a prisoner's misery | Sugeesha Wickramasinghe , Thushara Bandara, Saman Kularatne, Chanaka Ratnayake, Thanuja Tissera, Harshana Bandara, Dawpadee Dharmasena | AP482 | 49A |
| Young lady with disseminated multi drug resistant (MDR) tuberculosis involving lung and brain | Sugeesha Wickramasinghe , Sumudu Palihawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara | AP483 | 49B |
| Accidental inoculation of mycobacterium tuberculosis following needle prick-hazard to healthcare workers | Thanuja Nilushi Priyangika, Sugeesha Wickramasinghe , Saman Kularatne, Chanaka Ratnayake, Thushara Bandara, Dammika Vidanagama | AP484 | 50A |
| Delayed diagnosed pulmonary tuberculosis in pulmonary embolism of ulcerative colitis patient | Yu Jin Kim , Sun young Kyung, Jeong-Woong Park, Sung Hwan Jeong | AP485 | 50B |

FRIDAY 15 NOVEMBER

POSTER SESSION 2

14:00 - 17:00

The presenting author is indicated as bold font.

| Paper title | Author(s) | Board # | Position |
|--|---|---------|----------|
| Asthma Chair: Phan Thu Phuong | | | |
| Adverse events of as-needed inhaled corticosteroid and formoterol versus short acting beta2 agonists in asthma exacerbations: A meta-analysis | Martin Kristoffer Elises Ogbac , Rodolfo V Dizon | AP013 | 1A |
| Meta-analysis of real-life studies comparing inhaled corticosteroids with formoterol versus other reliever therapies for asthma control | Martin Kristoffer Elises Ogbac , Rodolfo V Dizon | AP014 | 1B |
| Reliever Therapy using Inhaled Corticosteroid and Formoterol versus Short Acting Beta2 Agonist in Chronic Asthmatic Patients: A Meta-Analysis | Martin Kristoffer Elises Ogbac , Rodolfo V Dizon | AP015 | 2A |
| Effect of kleinhovia hospita, curcuma xanthorrhiza, nigella sativa ophiocephalus striatus against degrees of asthma control through decrease il-13 in partially controlled asthma patients | Aditya Sri Listyoko , lin Noor Chozin, Susanthy Djajalaksana | AP017 | 2B |
| The level of adipokines in patients with asthma depending on body weight | Alla Yurenko, Elena Mineeva, Marina Antonyuk, Yulia Denisenko | AP018 | 3A |
| Assessment of pulmonary function in asthma depending on the condition of the small airways | Elena Mineeva, Marina Antonyuk, Alla Yurenko, Tatyana Gvozdenko, Yulia Denisenko, Karolina Sidletskaya | AP019 | 3B |
| Breathe easy programme | Vily Law , Vieshal RajaGopal | AP020 | 4A |
| Low prevalence of positive bronchodilator response (BDR) in patients referred for bronchodilator study. | Geak Poh Tan , Gin Tsen Chai, Danqing Qi, Chu Ying Gan, John Arputhan Abisheganaden | AP022 | 4B |
| Bronchoscopy and interventional techniques Chair: David Chi-Leung Lam | | | |
| Whole lung lavage is safe and effective for pulmonary alveolar proteinosis: A ten-year single centre experience in Hong Kong | SW Yan, WM Wong , CF Wong, KY Sit | AP047 | 5A |



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|--|--|---------|----------|
| Efficacy of CT-guided drainage for traumatic hemothorax. | Tomoko Kawahara , Naruhito Oda, Hiroyasu Takishima, Hironori Sagara | AP049 | 5B |
| Case report on the use of cryotherapy in a 59-year old male with post intubation tracheal stenosis | Onaizah Katrina Gatus Monera , Joven Roque Gonong | AP050 | 6A |
| The safety of transbronchial lung cryobiopsy with combination of radial endobronchial ultrasonography and fluoroscopic guidance in diagnosis of diffuse parenchymal lung disease in Japan. | Naoyuki Kuse , Minoru Inomata, Nobuyasu Awano, Hanako Yoshimura, Tatsunori Jo, Mari Tone, Yuan Bae, Toshinori Kumasaka, Takehiro Izumo | AP052 | 6B |
| Efficacy and safety of talc pleurodesis: A single tertiary centre 5-year case series | Sayantonee Ghosh , Zinta Harrington, Jonathan Williamson, Mithilesh Dronavalli | AP053 | 7A |
| Usefulness of elastography strain ratio for the evaluation of benign and malignant lesions during endobronchial ultrasound-guided transbronchial needle aspiration. | Masahiro Fujioka , Haruhi Takagi, Hiroaki Motomura, Mika Hayashi, Eriko Kuwasaki, Tetsuhiko Asao, Masako Ichikawa, Yoichiro Mitsuishi, Naoko Shimada, Tetsutaro Nagaoka, Tsutomu Suzuki, Kazuhisa Takahashi | AP056 | 7B |
| Stenting for treatment bronchial stenosis post-intubated in patient with severe hyper-pulmonary pressure: case report. | Nguyen Ngoc Du , Vu Van Giap, Hoang Anh Duc, Dao Ngoc Duc | AP057 | 8A |
| Intrathoracic findings of igg4-related disease on thoracoscopy under local anesthesia | Kentaro Tamura , Manabu Suzuki, Satoru Ishii, Eriko Morino, Go Naka, Motoyasu Iikura, Shinyu Izumi, Yuichiro Takeda, Masayuki Hojo, Haruhito Sugiyama | AP058 | 8B |
| Efficacy of rapid pleurodesis in malignant pleural effusions: A meta-analysis | Roland Angeles , Blake Warren Ang, Adovich Rivera, Rich King, Joel Santiaguel | AP059 | 9A |
| Cell and molecular biology Chair: Nguyen Huy Binh | | | |
| Alpha-mangostin inhibits cd4+ t cell and mast cell activation via the ca2+ release activated ca2+ channel | Phan Thi LamHong, Joo Hyun Nam | AP082 | 9B |
| Ghrelin attenuates lipopolysaccharide-induced acute lung injury independently of vagus nerve circuit | Hironobu Tsubouchi , Ryota Tanida, Masamitsu Nakazato | AP084 | 10A |

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| EGFR mutations in tissue samples and related factors in Vietnamese non-small cell lung cancer patients over 60 years old | Hien Thanh Duong , Phuong Cam Pham, Luyen Thi Le, Loi Thuan Nguyen | AP085 | 10B |
| Characteristics of EGFR mutations in plasma samples from Vietnamese non-small cell lung cancer patients | Thang Huu Nguyen , Phuong Cam Pham, Luyen Thi Le, Loi Thuan Nguyen | AP086 | 11A |
| TRPV4 and FGF2 may be implicated in bronchial wall remodelling under mechanical stress in the airways of asthma and COPD patients | Denis Naumov, Olesya Kotova , Dina Gassan, Andrey Ilyin, Eugeniya Afanaseva, Elizaveta Sheludko | AP087 | 11B |
| Clinical respiratory medicine Chair: Dushantha Madegedara | | | |
| Effects of mixture of ivy leaves and coptidis rhizome in patients with chronic bronchitis and/or bronchiectasis | Goohyeon Hong , Yu-Il Kim, Jaeho Chung, Sungyong Lee, Jin Woo Kim, Seong Hoon Yoon, Keu Sung Lee, Seoungju Park, MinKwang Byun, Hak-Ryul Kim | API13 | 12A |
| Chemical pleurodesis with iodopovidone: exploring its utility in the context of lack of thoracoscopy | Deebye Raj Mishra , Narendra Bhatta, Bidesh Bista, Niharika Shah | API14 | 12B |
| Benign metastasizing leiomyoma of the lung: A case report | Abdel-Tazer Yusop Mohammad , Glynna Ong Cabrera, Fel Aileen Grace Brillantes | API15 | 13A |
| Gastric bleeding as the first clinical sign of the combined sarcoidosis of the respiratory and gastrointestinal tract | Anatoliy V. Lenshin, Andrey V. Il'in, Juliy M. Perelman | API16 | 13B |
| Atypical manifestation of sarcoidosis: isolated sarcoidosis of the tracheal mucosa | Anatoliy V. Lenshin, Andrey V. Il'in, Juliy M. Perelman | API17 | 14A |
| Developing a novel mobile wearable tool of measuring real-time respiratory pattern and thoracic motion non-invasively. | Emika Sano , Jun Ueki, Masaya Yonezawa, Hiroshi Gyobu, Keiko Hino, Megumi Ikeda, Yuko Sano, Hiroo Wada | API18 | 14B |
| A descriptive study on clinical features of bronchiectasis in central Sri Lanka | Dushantha Madegedara , Sachini Senevirathna, Asela Bandara, Erandy Kulathunge, Ruwini Silwa, Sajani Dharmadasa, Lihini Basnayake, Samadara Nakandela | API19 | 15A |



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| A descriptive study on etiology of bronchiectasis in central Sri Lanka | Dushantha Madegedara , Sachini Senevirathna, Asela Bandara, Lihini Basnayake, Ruwini Silwa, Sajani Dharmadasa, Samadara Nakandala | API20 | 15B |
| A clinical audit on analysis of patients with pleural effusion in a tertiary care hospital in Sri Lanka | Dushantha Madegedara , Sachini Senevirathna, Asela Bandara, Lihini Basnayake, Sajani Dharmadasa, Samadara Nakandala | API21 | 16A |
| An audit on analysis of treatment modalities used for patients with pleural effusions- a single center experience | Dushantha Madegedara , Sachini Senevirathna, Asela Bandara, Lihini Basnayake, Sajani Dharmadasa, Samadara Nakandala | API22 | 16B |
| Predictive ability of the nutritional risk screening (NRS2002) in non-invasive ventilation outcomes among patients with acute respiratory failure admitted in CGHMC | Ed-Marvin Chua Hilario , John Noel Chan | API23 | 17A |
| Examination of non-respiratory internal medicine inpatients who consulted a respiratory internal medicine specialist | Hiroyoshi Yamauchi , Naoko Yoshizumi, Noritaka Sakamoto, Tatsuya Saito, Ayumi Uchiyama, Akiko Okuyama, Teruhiro Sano, Ayako Takigami, Koichi Hagiwara | API24 | 17B |
| Corticosteroid-induced leukocytosis and delirium | Thu Nguyen Anh Dau | API25 | 18A |
| A rare case of spontaneous hemothorax in hemophilia a patient | Suthaphong Tripoppoom , Nophol Leelayuwatanakul | API26 | 18B |
| The outcome of the use of high flow nasal oxygen compared with non-invasive ventilation in patients with acute hypoxemic respiratory failure admitted at the medical city from 2017 to 2018 | Florence Tumaca Blanco , Hans Jeremy Rivera Ramos | API27 | 19A |
| Personalized integrated care for patients with chronic obstructive pulmonary disease - a case report | Chia-Chen Lin , Yu-Chen Tsai | API29 | 19B |
| Pleural effusion in multiple myeloma: A case report | Hoang Anh Duc , Ngo Quy Chau, Vu Van Giap, Phan Thu Phuong, Phung Thi Thom | API31 | 20A |

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| Interstitial lung disease Chair: Nguyen Thanh Hoi | | | |
| A rare case of pleuroparenchymal fibroelastosis (PPFE) co-existing with idiopathic pulmonary fibrosis (IPF) treated with nintedanib | Aisya Natasya Musa , Nurul Yaqeen Esa, Nor Suraya Shamsuddin, Muhammad Amin Ibrahim, Bushra Johari, Mohammad Hanafiah, Mohd Arif Mohd Zim | AP257 | 20B |
| A case report of pulmonary langerhans cell histiocytosis | Tommy Dy Yau , Evelyn Ragos, Elaine Jane Abenoja | AP258 | 21A |
| Clinical features of secondary pneumothorax in interstitial lung disease | Miki Itai , Koichi Yamaguchi, Kenichiro Hara, Noriaki Sunaga, Yasuhiko Koga, Toshiaki Maeno | AP259 | 21B |
| Pattern of autoantibodies involvement in connective tissue disorder associated interstitial lung diseases | Prasanjanie Anuruddhika Jayasinghe , Prathapan Krishnakumar, Amitha Fernando | AP260 | 22A |
| Clinically amyopathic dermatomyositis (CADM) with rapid progressive interstitial lung disease (RP-ILD) related to anti-MDA5 antibody positive preceded by acute hepatitis and cutaneous manifestations | Boon Hau Ng , Chun Ian Soo, Faisal Abdul Hamid, Andrea Yu-Lin Ban | AP261 | 22B |
| Diffuse cystic lung diseases: similarities and differences | Inn Shih Khor , Khai Lip Ng, Kamarul Ariffin Hamzah, Amalina Abu Othman, Kunji Kannan Sivakumaran Kannan | AP262 | 23A |
| The effectiveness and safety of antifibrotics for the treatment of idiopathic pulmonary fibrosis: A retrospective single center analysis | Atsushi Shimauchi , Kazuya Tsubouchi, Ritsu Ibusuki, Takafumi Kayukawa, Daisuke Eto, Yuki Okamoto, Katsuhiko Inoue, Taishi Harada | AP263 | 23B |
| A Case of Summer-Type Hypersensitivity Pneumonitis with Severe Obstructive Impairment Caused by Membranous Bronchiolitis | Nahoko Honda , Mitsuko Kondo, Tomohide Hanawa, Ayako Kubo, Atsushi Kurokawa, Osamitsu Yagi, Kiyoshi Takeyama, Etsuko Tagaya | AP264 | 24A |
| Clinical course of patients with anti-synthetase syndrome with interstitial pneumonia undergoing long term oxygen therapy | Masao Takemura , Koichi Yamaguchi, Miki Itai, Kazuma Oshima, Yuria Kurashima, Mari Sato, Aya Yamaguchi, Kenichiro Hara, Mitsuru Motegi, Toshitaka Maeno | AP265 | 24B |



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| Dose serum VEGF-D level increase with clinical course in the patients with lymphangioliomyomatosis? | Masaki Hirose , Toru Arai, Chikatoshi Sugimoto, Takayuki Takimoto, Yoshikazu Inoue | AP266 | 25A |
| Lymphangioliomyomatosis: A case report | Richard Aquino Boado , Windfield Tan | AP267 | 25B |
| Comprehensive analysis of cytokines in bronchoalveolar lavage fluid of patients with idiopathic pulmonary fibrosis: A cross-sectional study | Takashi Matsuhira , Oasmu Nishiyama, Yasutaka Chiba, Hiroyuki Sano, Takashi Iwanaga, Yuji Tohda | AP268 | 26A |
| Predictive factors of long-term use of pirfenidone in progressive fibrosing interstitial lung disease | Takuma Katano , Satoshi Ikeda, Takafumi Yamaya, Ryota Otoshi, Hiroko Okabayashi, Takashi Niwa, Hideya Kitamura, Takashi Ogura | AP269 | 26B |
| A case of hermansky - pudlak syndrome (HPS) with MPO-ANCA positive enterocolitis | Takatomo Tokito , Hiroshi Ishimoto, Kazuhiro Oshima, Takuto Miyamura, Hirokazu Yura, Shota Nakashima, Noriho Sakamoto, Yuji Ishimatsu, Katsunori Yanagihara, Hiroshi Mukae | AP270 | 27A |
| Occurrence of pneumothorax in patients under treatment with nintedanib | Yuki Yamamoto , Kohei Fujita, Osamu Kanai, Misato Okamura, Koichi Nakatani, Tadashi Mio | AP271 | 27B |
| Lung cancer Chair: Sita Andarini | | | |
| A giant cell tumor (GCT) of the hand with lung metastases- a case report | Sugeesha Wickramasinghe , Sumudu Palihawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara | AP305 | 28A |
| Situs inversus totalis complicated with bronchial and laryngeal carcinoma - a case report | Sugeesha Wickramasinghe , Saman Kularatne, Thushara Bandara, Chanaka Ratnayake, Thanuja Tissera, Sumudu Palihawadene, Ramani Punchihewa | AP306 | 28B |
| Lymphangitis carcinomatosa due to cardiac angiosarcoma - a dilemma in diagnosis | Nuwan Madhusanka, Sanka Wijayabandara, Sugeesha Wickramasinghe , Chandana Dahanayake, Vajira Lekamwasam, Ranjith Jayasinghe | AP307 | 29A |

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| Dynamic critical endotracheal obstruction due to metastatic anaplastic thyroid carcinoma | Thanuja Tissera, Sugeesha Wickramasinghe , Saman Kularatne, Chanaka Ratnayake, Thushara Bandara, Sumudu Palihawadene, Ramani Punchihewa, Sujeewa Ilangamage, Sumana Handagala, Dehan Gunasekara | AP308 | 29B |
| A case of large cell lung cancer successfully treated with pembrolizumab, but complicated with cholangitis. | Ryunosuke Ooi , Kazunori Tobino, Mitsukuni Sakabe, Masanobu Okahisa, Yuki Goto, Takuto Sueyasu, Miyuki Munechika, Kouhei Yoshimine, Saori Nishizawa, Yuki Yoshimatsu | AP309 | 30A |
| A case of intraventricular thrombus after simultaneous surgery for left lung cancer and right breast cancer | Hiromitsu Domen , Yasuhiro Hida, Takeyuki Sawai, Kanami Suga, Midori Hashimoto, Kaoru Nishiyama, Mariko Hayashi, Kazuho Inoko, Kazuomi Ichinokawa, Hidehisa Yamada | AP311 | 30B |
| A case of micronodular thymoma with lymphoid stroma | Hiromitsu Domen , Yasuhiro Hida, Takeyuki Sawai, Kanami Suga, Midori Hashimoto, Kaoru Nishiyama, Mariko Hayashi, Kazuho Inoko, Kazuomi Ichinokawa, Hidehisa Yamada | AP312 | 31A |
| Anomalous branch of posterior segmental vein (V2) in the right upper lobe of the lung | Hiromitsu Domen , Yasuhiro Hida, Takeyuki Sawai, Kanami Suga, Midori Hashimoto, Kaoru Nishiyama, Mariko Hayashi, Kazuho Inoko, Kazuomi Ichinokawa, Hidehisa Yamada | AP313 | 31B |
| A case of a bronchogenic cyst arising from the diaphragm completely resected under video-assisted thoracoscopic surgery with CO2 insufflation | Hiromitsu Domen , Yasuhiro Hida, Takeyuki Sawai, Kanami Suga, Midori Hashimoto, Kaoru Nishiyama, Mariko Hayashi, Kazuho Inoko, Kazuomi Ichinokawa, Hidehisa Yamada | AP314 | 32A |



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| Retrospective study of pneumonitis developed after administration of durvalumab in clinical practice | Kinnosuke Matsumoto , Takatoshi Enomoto, Yuichi Adachi, Kouji Azuma, Yoshihiko Taniguchi, Nobuhiko Saijyou, Akihiro Tamiya, Kyouichi Okishio, Shinji Atagi | AP316 | 32B |
| Rapidly growing ectopic thymoma of the middle mediastinum | Jehun Kim , Jinyoung Lee, Chul-Ho Oak, Mann-Hong Jung, Tae-Won Jang | AP317 | 33A |
| A case report: primary pulmonary lymphoma developing in post pulmonary tuberculosis cavity | Chanathad Traithong , Viboon Boonsarngsuk, Wasana Kanoksil, Sumalee Kaitboonsri | AP318 | 33B |
| A rare case: posterior mediastinal castleman's disease type unicentric | Tantrie Desty Lianawati, Zarfiardy Aksa Fauzi, Azizman Saad, Hariadi Hatta, Ilhami Romus | AP320 | 34A |
| Respiratory Diseases (Other) Chair: Le Thi Thu Huong | | | |
| Comparison of clinico-radiographic features between anthracofibrosis and lung cancer | Tae Yun Park , Seo Young Yun | AP355 | 34B |
| Socio-economic determinants of resource provision of pulmonology in Russia | Victor P. Kolosov , Leonid G. Manakov, Elena V. Polyanskaya | AP356 | 35A |
| Prediction of FEV1 and DLCO in lung cancer patients undergoing lobectomy: comparison between anatomy, scintigraphy, and quantitative computed tomography. | Masanori Yokoba , Tsuyoshi Ichikawa, Shinya Harada, Tomoya Fukui, Satoshi Igawa, Hisashi Mitsufuji, Masaru Kubota, Katsuhiko Naoki, Yukitoshi Sato, Masato Katagiri | AP357 | 35B |
| Hospitalized pulmonary rehabilitations after treatment to improve ADL | Masafumi Shimoda , Satoshi Takao, Hiroyuki Kokutou, Keitaro Nakamoto, Kozo Morimoto, Yoshiaki Tanaka, Kozo Yoshimori, Hideaki Senjyu, Ken Ohta, Yuka Sasaki | AP358 | 36A |
| Effect of in-patient pulmonary rehabilitation for potential lung transplant recipients with debilitated advanced lung diseases | Bernard K L Yunk, Eric H M Hui, Chi Fong Wong, Pui Fong Chan, Kwok Fu Koo | AP359 | 36B |
| Comparison of chest drainage tube types (blake vs. Thoracic catheter) after lung resection | Masatoshi Yamaguchi , Tai Hato, Ato Sugiyama, Yoshiaki Inoue, Kohei Aoki, Hiroki Fukuda, Masatoshi Gika, Mitsuo Nakayama | AP360 | 37A |

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| Respiratory infections (non-tuberculous) Chair: Soon Hin How | | | |
| Evaluation of lung expansion after single-trocar video-assisted flexible thoracoscopic debridement under local anesthesia for multiloculated parapneumonic empyema | Masatsugu Ohuchi , Shuhei Inoue, Yoshitomo Ozaki, Yuki Namura, Hiroshi Wada, Takuto Sakashita | AP399 | 37B |
| Bronchial atresia with infection: A surgical case report | Hironobu Nishimuta , Takaharu Kiribayashi, Osahiko Hagiwara, Toru Niitsuma, Kazuki Ito, Yoshihisa Saida | AP400 | 38A |
| Are steroids really ineffective for influenza pneumonia? | Tatsuya Yuba , Noriya Hiraoka, Yusuke Tachibana, Hiroyuki Fujii, Ayaka Omura, Ryosuke Hamashima, Sayaka Uda, Taisuke Tsuji, Shinsuke Shiotsu, Chieko Takumi | AP401 | 38B |
| Natural course of untreated nontuberculous mycobacterial pulmonary disease according to microbiologic diagnostic method | Sooim Sin, Seungchul Han, Yeon Joo Lee, Young-jae Cho, Jong Sun Park, Ho Il Yoon, Choon Taek Lee, Jae Ho Lee | AP403 | 39A |
| Severe adverse event rates and treatment outcomes between clarithromycin- and azithromycin-containing regimens in mac lung disease: A propensity score analysis | Ho-Young Lee , Young Shik Kwon, Minkyu Han, Byoung Soo Kwon, Ock-Hwa Kim, Tae Sun Shim, Yong Pil Chong, Kyung-Wook Jo | AP404 | 39B |
| Pulmonary cryptococcosis presenting as a large cavitary lung mass in an immunocompetent adult | Blake Warren Coloma Ang , Mithi Kalayaan Zamora, Gianina Grey, Joel Santiaguel | AP405 | 40A |
| Improvement of lung aspergillosis risk through examination of human aspergillus galactomannan from bronchoalveolar lavage in patients suspect lung cancer | Andi Ibnu Hajar Azis , Ngakan Putu Persama Putra, Teguh Rahayu Sartono | AP406 | 40B |
| A comparison of a fluoroquinolone-containing regimen and standard regimen in treatments for pulmonary mycobacterium avium complex disease | Hisayuki Shuto , Kosaku Komiya, Shuichi Takikawa, Tetsuyuki Yoshimatsu, Tastuya Otsu, Hiroshi Kawano, Jun-ichi Kadota | AP407 | 41A |
| Analysis on effective treatment for clarithromycin-resistant mycobacterium avium complex lung disease | Yuichi Adachi , Kazunari Tsuyuguchi, Takehiko Kobayashi, Yu Kurahara, Shiomi Yoshida, Tomoko Kagawa, Yoshikazu Inoue, Seiji Hayashi, Katsuhiko Suzuki | AP409 | 41B |



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| Low reproducibility of the serum galactomannan antigen assay in patients with definite and suspected invasive pulmonary aspergillosis. | Izumi Kaisyakuji , Kosaku Komiya, Yuko Usagawa, Mari Yamasue, Hiroki Yoshikawa, Eri Mizukami, Shinichi Nureki, Masaru Ando, Kazufumi Hiramatsu, Junichi Kadota | AP410 | 42A |
| Utility of cryptococcus antigen detection in bronchoalveolar lavage fluid in diagnosis of cryptococcus pneumonia | Jiabo Xu , Qing Ye, Hui Qin | AP411 | 42B |
| Clinical characteristics of cryptococcal infections in a general hospital | Tamaki Takahashi , Kentaro Hamada, Megumu Osaki, Ayaka Kojima, Kazuki Shima, Yoshitaka Yagi, Yoshinori Fuseya, Michiyoshi Nishioka, Hiromichi Katakura, Naoki Sakai | AP412 | 43A |
| The correlation of quick sofa score with serum lactate level in hospitalized pneumonia patient with sepsis in Arifin Achmad General Hospital of Riau Province | Sonya Noviana Masyhud , Zarfiardy Aksa Fauzi, Azizman Saad, Fridayenti | AP413 | 43B |
| Galactomannan test in bronchial washing fluid is useful for diagnosis of chronic necrotizing pulmonary aspergillosis in immune normal patients. | Takayasu Nishimaki , Masako Ichikawa, Kana Kurokawa, Sumiko Abe, Takashi Yoshida, Tetsuhio Asao, Haruhi Takagi, Naoko Shimada, Tetsutaro Nagaoka, Kazuhisa Takahashi | AP414 | 44A |
| The evil unleashed from pandora's box: pandoraea apista colonization in a patient with lung adenocarcinoma | Gwen Radam Marcellana , Marian Cortez Dimabuyu, Salvador Miclat Abad-Santos | AP416 | 44B |
| Tuberculosis Chair: Nguyen Tuan Anh | | | |
| The differences between malondyaldehyd (MDA) of lung tuberculosis patients, lung tuberculosis with diabetes mellitus type 2 and healthy people in Medan, Indonesia | Eka Suhartika Simangunsong , Zainuddin Amir, Bintang Yinke Sinaga, Putri Chairani Eyaner, Diana Santy, Nugroho Eko Prasetyo | AP487 | 45B |
| Correlation of body mass index with time to sputum conversion among patients being treated with shorter multi-drug resistant tuberculosis regimen at Adam Malik Hospital, Indonesia | Diana Santy , Parluhutan Siagian, Bintang Yinke Magdalena Sinaga, Putri Chairani Eyaner, Eka Suhartika, Nugroho Eko Prasetyo | AP488 | 46A |
| Unusual paradoxical response of tuberculosis mimicking lung malignancy, a case of XDR tuberculosis | Yeoungha Ryu | AP489 | 46B |

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| Different effects of previous tuberculosis on sarcopenia in elderly people of South Korea by gender | Dong-Won Lee , Jae-Hee Kim | AP490 | 47A |
| Sensitivity comparison of the neutrofil limfosit ratio value of pleura fluid and blood serum in pleural effusion patients at Haji Adam Malik General hospital, Medan | Indra Barata , Zainuddin Amir, Putri Eyaner, Zulfikar lubis | AP491 | 47B |
| The comparison of vitamin c level between pulmonary tuberculosis with diabetes mellitus, pulmonary tuberculosis and control in medan | Rizka Helmi , Bintang YM Sinaga, Parluhutan Siagian, Putri Eyaner | AP492 | 48A |
| The study of factors of delay of tuberculous patients' diagnosis at Koto hospital | Sakuo Hoshi , Sayaka Shimizu, Etsuko Watabe, Daisuke Sato, Kasumi Tamamushi, Yuki Takeshita, Kunihisa Miura | AP493 | 48B |
| The effect of curcuma on chest X-ray improvement and sputum conversion in patients with intensive phase treatment of pulmonary tuberculosis | Endah Galih Harina , Zainuddin Amir, Parluhutan Siagian, Putri Chariani Eyaner | AP494 | 49A |
| The effect of curcuma on liver function test and gastrointestinal side effect in patients with intensive phase treatment of pulmonary tuberculosis | Ade Indriya Mungkur , Zainuddin Amir, Parluhutan Siagian, Putri Chairiani Eyaner | AP495 | 49B |
| Pulmonary function impairment in patients with treated smear positive pulmonary tuberculosis | Htun Htun Win , Yin Mon Thant, Aye Win Set, Win Naing | AP496 | 50A |
| Extra-pulmonary primary multi-drug resistant tuberculosis presenting as cervical lymphadenitis | Md Amanullah Chowdhury , Mrs Shaila Zaman | AP497 | 50B |
| A curious case of progressive vocal fatigue and chronic dry cough | Nirmal Kanti Sarkar , Bijoy Pada Gope | AP498 | 51A |
| Tuberculosis risk factors and Mycobacterium tuberculosis transmission among HIV-infected patients in vietnam | Mai Quynh Trinh , Elena Martinez, Ranjeeta Menon, Van Anh Thi Nguyen, Hien Nguyen Tran, Lan Huu Nguyen, Giang Chau Do, Thuong Huu Pham, Ben Marais, Vitali Sintchenko | AP499 | 51B |
| The great masquerader: A case of tuberculosis presenting as mediastinal mass and saddle embolus | Mithi Kalayaan Solis Zamora | AP500 | 52A |
| Underlying comorbidities in tuberculosis meningitis: A vietnamese observational retrospective study | Huy Ngoc Le , Virasakdi Chongsuvivatwong, Nhung Viet Nguyen, Thanh Van Vu, Mekkla Thompson, Tri Huu Nguyen | AP501 | 52B |
| Drug susceptibility pattern of endobronchial tuberculosis | Saebiyol Kim, Beomsu Shin | AP502 | 53A |



SATURDAY 16 NOVEMBER

POSTER SESSION 3

9:00 - 12:00

The presenting author is indicated as bold font.

16th
SESSION 3

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| COPD | | | |
| Chair: Le Khac Bao | | | |
| Adherence to GOLD recommendations on management of stable chronic obstructive pulmonary disease in Manila Doctor Hospital outpatient clinics | May Crystel Cuevas Rago , Albert, Jr. Bugaring Albay | API 54 | 1A |
| Dietary protein intake and the risk of exacerbation in mild to moderate COPD | Jin Hwa Lee , Yon Ju Ryu, Chin Kook Rhee, Kwang Ha Yoo, Ki-Suck Jung | API 55 | 1B |
| Neutrophil-lymphocyte ratio (RNL) and C-reactive protein in COPD patient in Persahabatan Hospital Jakarta, Indonesia | Astari Pranindya Sari , Ratnawati, Wahju Aniwidyaningsih, Sita Laksmi Andarini | API 57 | 2A |
| Association between patient reported outcome measures and physical activity in obstructive respiratory disease | Tsunahiko Hirano , Haruka Mori, Kazuki Hamada, Ryo Suetake, Yoriyuki Murata, Yoshiji Yamaji, Maki Asami, Nobutaka Edakuni, Kazuto Matsunaga | API 58 | 2B |
| The effect of 1-month and 2 month upper and lower limb training to maximal oxygen uptake (VO ₂ max) in COPD patients | Egipson Manik , Amira Permatasari Tarigan, Pandiaman Pandia, Putri Chariani Eyanor | API 59 | 3A |
| Clinical characteristics of COPD patients in South Korea | Yu-Fan Ho , Sumitra Shantakumar, Tim Holbrook, Daniel Bluff, Katie Mycock, Chin Kook Rhee, Kwang Hua Yoo | API 60 | 3B |
| Distribution of common pathogens and clinical characteristics for fungal infection associated with chronic obstructive pulmonary disease | Lijuan Luo , Yan Chen | API 61 | 4A |
| Comparison of LAMA/LABA and ICS/LABA as Initial Treatment for COPD | Junichi Aoyama , Yosuke Tanaka, Seiji Kosaihira, Tetuya Okano, Mitunori Hino, Masahiro Seike, Akihiko Gemma | API 62 | 4B |
| Clinical characteristics of COPD patients suspected of left ventricular diastolic dysfunction | Sung Kyoung Kim , Joon Young Choi, Shin Young Kim, Yong Hyun Kim, So Hyang Song, Chi Hong Kim | API 63 | 5A |
| Relationship between neutrophil sputum and FEV1 in chronic obstructive disease patients in Sardjito Hospital Yogyakarta | Ika Trisnawati | API 64 | 5B |

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| The impact of long-acting Beta-2 agonist or long-acting anticholinergic to BODE index and quality of life in stable COPD patients group B | Tri Setia Negara Sinulingga , Pandiaman Pandia, Amira Permatasari Tarigan, Putri Chariani Eyanor | API 65 | 6A |
| Assessing inhaler use technique in COPD patients | Chun Lung Lee , Veronica Lee Chan, Polly Ka Po Pang, Suet Lai Cheng, Pik Shan Cheung, Sui Na Tsui, Veronica Si En Chan, Chung Ming Chu | API 66 | 6B |
| Exploring the heterogeneity of acute exacerbations of chronic obstructive pulmonary disease: A latent class analysis | Huy Ngoc Le , Hieu Thanh Nguyen, Thanh Van Vu, Tam Thanh Khong | API 67 | 7A |
| Improving care in our COPD cohort | Felicia Ton , Osborn Jiang, Vicky Chang | API 69 | 7B |
| Development of an accurate operational definition for asthma using decision tree model. | Jeong Uk Lim , Woo Ho Ban, Chin Kook Rhee, Sang Haak Lee | API 70 | 8A |
| Daily physical activity and QOL in patients with COPD. Difference between non-ACO and ACO during pedometer intervention. | Yuko Sano , Rokuro Matsuoka, Yoko Sato, Shinobu Kimura, Shoji Mihara, Hajime Kurosawa | API 71 | 8B |
| Risk of gout in patients with chronic obstructive pulmonary disease: A community-based study | Chi Young Kim , Beong Ki Kim, Yu Jin Kim, Seung Heon Lee, Je Hyeong Kim | API 73 | 9A |
| Comparison of "open triple" combinations of inhaled long-acting muscarinic antagonist long-acting β_2 -agonist and an inhaled corticosteroid in patients with asthma, COPD and asthma-COPD overlap. | Taichi Mochizuki , Yasushi Inoue, Hiroyuki Arai, Ryuta Ueda, Seisuke Nagase, Akira Umeda, Kenji Tsushima | API 53 | 52A |
| Critical care medicine | | | |
| Chair: Rodolfo Roman T Bigornia | | | |
| Prognosis of failed extubation after brain surgery | Chang Pin Yun , Cheng Chih Hung, Chen Hung Ju, Wang Yin Ying, Su Shu Hui, Tsai Cai Ying, Hsu Tuan Jung, Tsail Ying Ming | AP208 | 9B |
| A case of postoperative atelectasis treated by prone positioning in the immediate postoperative period of lung transplantation | Woohyun Cho , Yunseong Kim, Dohyung Kim | AP210 | 10A |
| Noninvasive versus invasive microbial investigation in critical ill patients with pneumonia | Yun Su Sim , Tae Rim Shin, Dong Gyu Kim, Hayoung Choi | AP211 | 10B |
| Albumin changes during mechanical ventilation predict outcomes in intensive care unit patients | Seohyun Kim , Taijoon An, Chan Kwon Park, Hyoung-Kyu Yoon | AP213 | 11A |
| Suggestive role of lung involvement in severe dengue | YunFeng Shi , XiaoHan Shi, JunHui Ba, DingYun Feng, WeiQiang Gan, BenQuan Wu | AP214 | 11B |



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| Improve the competency of nursing staff in caring patient with non-invasive ventilation (NIV) in general medical ward | Maggie Pik Kee Lit, Kuen Han Lee, Pui Shan Chow, Hiu Tung Yeung, Chun Kong Ng, Wing Hing O, Johnny Wai Man Chan | AP215 | 12A |
| Translation and validation of the Korean version of the 4 AT for detecting delirium in critically-ill patients | Sung Yong Lee, Jee Youn Oh, Young Seok Lee, Jae Jeong Shim, Jae Young Moon | AP216 | 12B |
| Environmental and occupational health and epidemiology Chair: Nguyen Thi Trang Nhung | | | |
| An investigation on coal workers' pneumoconiosis in Vietnam surfaced coal miners. | Tomoyasu Uno, Duy Van Khuong, Yukinori Kusaka, Chung Le Quang, Taro Tamura, Yusuke Hiraku | AP229 | 13A |
| Influence of atmospheric microparticles on mitochondrial membranes in population of urbanized territory | Yulia Denisenko, Tatyana Vitkina, Tatyana Novgorodtseva, Tatyana Gvozdenko | AP230 | 13B |
| The association of dust exposure with respiratoric symptoms, lung function and chest X-ray in ceramic industry workers | Marini Puspita Sari, Nuryunita Nainggolan, Amira Permatasari Tarigan, Putri Chariani Eyaner, Agus Dwi Susanto, Erlang Samoedro, Caecelia Marliana | AP232 | 14A |
| A Sri Lankan patient with complicated silicosis and progressive massive fibrosis | Harshana Bandara, Dawpadee Dharmasena, Sugeesha Wickramasinghe, Thushara Bandara, Thanuja Thisera, Chanaka Rathnayake, Sumudu Palihawadana, Amila Rathnapala, Saman Kularathne | AP233 | 14B |
| Effects of particulate matter on airway diseases with analysis of data from the national health insurance service in Korea | Jung Mo Lee, Nasil Kong, Haeyong Pak, Chang Hoon Han | AP234 | 15A |
| Relationship between dust exposure with serum interleukin 8 level and lung function in ceramic industry workers | Endy Amos Todo Hasudungan Sirait, Nuryunita Nainggolan, Amira Permatasari Tarigan, Putri Chariani Eyaner | AP235 | 15B |
| The fact of smoking and passive smoking and smoking cessation among outpatients in Bach Mai Hospital in 2018 | Phan Thu Phuong, Ngo Quy Chau, Vu Van Giap, Nguyen Hong Mai | AP236 | 16A |

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| Knowledge, attitude of medical staffs before and after joining the smoking cessation training course organized by the Bach Mai hospital in 2018 | Phan Thu Phuong, Ngo Quy Chau, Vu Van Giap, Do Khanh Van | AP237 | 16B |
| Clinical harmful effect of particulate matter on asthma: Cross-national analysis | Jae Jeong Shim, Juwhan Choi, Jee Youn Oh, Young Seok Lee, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee | AP238 | 17A |
| Cadmium promotes airway inflammatory responses by facilitating inflammasome assembly and interleukin-1 β ; secretion through mitochondrial dysfunction | Jeeyoung Kim, Yoonki Hong, Seok-ho Hong, Woo jin Kim | AP239 | 17B |
| The trend of the research about the carbon monoxide poisoning in North Korea analyzed in medical journal published in North Korea | Sue In Choi, Eun Joo Lee, Byung-Keun Kim, Won Jai Jung, Sang Yeub Lee, Kwang Ho In | AP240 | 18A |
| Predictive markers for early detection of hazardous effects of nanomaterials | Chinatsu Nishida, Hiroto Izumi, Taisuke Tomonaga, Kazuhiro Yatera, Yasuo Morimoto | AP241 | 18B |
| Prognostic significance of novel serum biomarkers in small cell lung cancer: A meta-analysis of cohort studies | Carla Emille Barbon, Rogelio Jr Velasco, Danielle Benedict Sacdalan, Roland Reuben Angeles, Manuel Peter II Jorge | AP242 | 19A |
| Occupational lung health and pulmonary functions in granite paving block makers in Nawalapitiya, rural Sri Lanka | Sumedha Samankantha Heenagamage, K P K N Wijerathne, B H M K D Katugaha, N F Yoosuf, Dimuthu Sandaruwan Liyanagel, Lalith Kolamuna, B H Thushara Amarasekara, M P M H C M Pedera | AP243 | 19B |
| Increased surfactant protein-D serum level, sputum lymphocytes, and sputum neutrophils in workers at bird market environment | Ratih Dwi Ary Merdekawati, Triwahju Astuti, Garinda Alma Duta | AP244 | 20A |
| Interstitial lung disease Chair: Arata Azuma | | | |
| Comparison of desquamative interstitial pneumonia with or without autoimmune features | Ryota Otoshi, Satoshi Ikeda, Takuma Katano, Yoza Sato, Ryota Shintani, Tsuneyuki Oda, Hideya Kitamra, Tomohisa Baba, Tamiko Takemura, Takashi Ogura | AP272 | 20B |
| Effect of combination therapy for acute respiratory distress syndrome through inhibiting inflammation and fibrosis in human lung epithelial A549 cells | Sung Wook Kang, Cheon Woong Choi | AP273 | 21A |



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| Clinical outcomes in patients with surgically treated pneumothorax associated with interstitial pneumonia: A retrospective analysis | Fumiaki Maeda , Hiroaki Harada, Chika Nakashima, Fumiyo Yamamoto, Atsushi Kamigaichi, Kentaro Kawaguchi, Yoshifumi Nishimura, Kozue Miyazaki, Satoshi Shibata, Isao Murakami | AP274 | 21B |
| Pre-existing interstitial lung abnormalities are risk factors for immune checkpoint inhibitor-induced interstitial lung disease in non-small cell lung cancer | Takeshi Masuda , Yu Nakanishi, Shinjiro Sakamoto, Yasushi Horimasu, Taku Nakashima, Shintaro Miyamoto, Hiroshi Iwamoto, Kazunori Fujitaka, Hironobu Hamada, Noboru Hattori | AP275 | 22A |
| TERT mutation associated lung fibrosis: The Malaysian reported myth | Syazatul Syakirin Sirol Aflah , Roziana Ariffin, Borie Raphael, Caroline Kannengiesser | AP276 | 22B |
| Upregulation of receptor tyrosine kinase-like orphan receptor 2 levels in idiopathic pulmonary fibrosis | Jong-Sook Park , Ji-Hye Son, Jong-Uk Lee, Susie Chin, Hwa-Kyun Shin, Jai-Seong Park, Choon-Sik Park | AP277 | 23A |
| The incidence and risk factors for acute exacerbation of interstitial lung disease after non-pulmonary surgery. | Shun Takao , Takeshi Masuda, Kakuhiro Yamaguchi, Yasushi Horimasu, Taku Nakashima, Shintaro Miyamoto, Hiroshi Iwamoto, Kazunori Fujitaka, Hironobu Hamada, Noboru Hattori | AP279 | 23B |
| The usefulness of direct hemoperfusion using polymyxin B-direct hemoperfusion (PMX-DHP) in patients with AE of ILD | Mingyo Seo , Hangjea Jang, JaeHa Lee | AP280 | 24A |
| A case of lymphangiomyomatosis who developed refractory ascites with few lung lesions. | Mitsukuni Sakabe , Kazunori Tobino, Masanobu Okahisa, Yuki Goto, Ryunosuke Ooi, Takuto Sueyasu, Saori Nishizawa, Miyuki Munechika, Kohei Yoshimine | AP281 | 24B |
| The antifibrotic agents treatment in the idiopathic pulmonary fibrosis patients of Taiwan- the real-world experience from Cheng-Hsin General Hospital | Mei-Yin Chen , Ching-Min Jimmy Tseng, Chi-Wei Tao | AP282 | 25A |
| The first experience of diagnosing idiopathic pulmonary ossification by transbronchial lung biopsy | Zhi Ao , Shuliang Guo, Yishi Li, Xianghua Yi, Minzhu Zhao | AP283 | 25B |

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| Comparison of autoantibody positive rate between patients developed and not developed AAV in ANCA positive interstitial lung disease | Toshikazu Takasaki , Shu Hisada, Naoya Iwanami, Yasumaro Fujiki, Hiroyoshi Yamauchi, Masayuki Nakayama, Naoko Mato, Takuji Suzuki, Masashi Bando, Koichi Hagiwara | AP284 | 26A |
| Novel presentation of a known entity-organizing pneumonia due to melioidosis | Sugeesha Wickramasinghe , Sumudu Palihawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara | AP285 | 26B |
| A young lady with secondary pneumothorax due to pulmonary lymphangiomyomatosis- a house wife's agony | Sugeesha Wickramasinghe , Sumudu Palihawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara, Ramani Punchihewa, Sumana Handagala | AP286 | 27A |
| A case with subacute interstitial lung disease | Trang T. T Vu , Hung Trong Nguyen | AP288 | 27B |
| Lung cancer Chair: Emily Stone | | | |
| Clinical course of small enhancing brain nodule in patients with non-small cell lung cancer | Hyun Woo Lee, Jaeyoung Cho, Nakwon Kwak, Young Sik Park, Chang-Hoon Lee, Sang-Min Lee, Chul-Gyu Yoo, Young Whan Kim, Sun Mi Choi | AP321 | 28A |
| Quantification of the independent prognostic value of Charlson Comorbidity Index among patients with non-small cell lung cancer | Meng Jianfeng | AP322 | 28B |
| Transformation to small cell lung cancer after platinum-based doublet therapy in patients of lung adenocarcinoma with wild type epidermal growth factor receptor: A case report | Eko Budiono , Arief Darmawan | AP323 | 29A |
| Pretreatment dietary habits with high N-3/N-6 polyunsaturated fatty acid ratio and milk intake may affect the adverse events during chemotherapy in lung cancer patients. | Yukihiro Yano , Eri Ogami, Tomoki Kuge, Ami Iwai, Reina Hara, Mikako Ishijima, Takeshi Uenami, Masaki Kanazu, Yuki Akazawa, Toshihiko Yamaguchi, Masahide Mori, Megumu Yano, Keisuke Fukuo | AP325 | 29B |



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| Clinical manifestations of adrenal insufficiency after anti-PD-1 antibody treatment in non-small cell lung cancer | Kentaro Hamada , Tamaki Takahashi, Osaki Megumu, Ayaka Kojima, Kazuki Shima, Yoshitaka Yagi, Yoshinori Fuseya, Michiyoshi Nishioka, Hiromichi Katakura, Naoki Sakai | AP326 | 30A |
| The prognostic value of surgery and radiotherapy sequences in stage IIIA pathologic N2 non-small-cell lung cancer patients: A population-based study | Hongxia Duan , Shuanshuan Xie, Changhui Wang | AP327 | 30B |
| Postoperative neutrophil-to-lymphocyte ratio among the cases with non-small cell lung cancer | Tai Hato , Masatoshi Yamaguchi, Ato Sugiyama, Yoshiaki Inoue, Kohei Aoki, Hiroki Fukuda, Masatoshi Gika, Mitsuo Nakayama | AP328 | 31A |
| Pulmonary artery sarcoma with acute progression diagnosed by endobronchial ultrasound-guided transbronchial needle aspiration. A case report. | Kiyoshi Nakashima , Masanori Nakanishi, Takeo Yagi, Hiroyuki Fujiwara | AP329 | 31B |
| A curious case of atypical pulmonary lung neuroendocrine tumour with low mitotic activity: What's next? | Nor Suraya Samsudin , Nor Suraya Samsudin, Aisya Nastasya Musa, Nuul Yaqeen Mohd Esa, Mohd Arif Mohd Zim | AP330 | 32A |
| Predictive factors for long-term responders in advanced non-small cell lung cancer patients treated with tyrosine kinase inhibitor | Chin-Hung Tsai , Hsiu-Feng Kuo, Chia-Ling Chiu, Yi-Tsen Tsai | AP331 | 32B |
| Assessment of inter-tumor heterogeneity among primary and metastatic lesions in a patient with untreated lung cancer by DNA methylation profiling: An autopsy case | Hiroaki Harada , Isao Murakami, Chika Nakashima, Fumiyo Yamamoto, Fumiaki Maeda, Atsushi Kamigaichi, Satoshi Shibata, Kiyomi Yagy, Kazuaki Miyamoto | AP332 | 33A |
| Correlation between staging of small cell lung cancer and inflammatory marker | Taewon Jang , Jehun Kim, Chul-Ho Oak, Mann-Hong Jung, Taeyun Kim, Jinyoung Lee | AP333 | 33B |
| Two cases of the lung cancer in the 40-year-old generation which abnormality couldn't be pointed out by a pet check | Takashi Tojo , Michitaka Kimura | AP334 | 34A |
| Prophylactic use of goshajinkigan (TJ107) for prevention of taxane-based chemotherapy-induced peripheral neuropathy in patients with non-small cell lung cancer | Taisuke Jo , Hideo Hideo Yasunaga, Nobuaki Michihata, Hayato Yamana, Kazuaki Uda, Hiroki Matsui, Go Tanaka, Hiroyuki Tamiya, Akihisa Mitani, Takahide Nagase | AP335 | 34B |

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| Respiratory neurobiology and sleep Chair: Yoshitaka Oku | | | |
| Factors affecting lung to finger circulation time measurement from polysomnography in patients with obstructive sleep apnea in Sarawak General Hospital, Malaysia | Teng Teng Tee , Swee Kim Chan, Sze Shyang Kho, Siew Teck Tie | AP437 | 35A |
| Inhibition of long noncoding MEG3 rescues cardiomyocyte apoptosis induced by intermittent hypoxia | Qingshi Chen , Qichang Lin, Guofu Lin, Lida Chen, Jiefeng Huang | AP439 | 35B |
| The role of intermittent hypoxia as a negative regulator of CD4+CD25+Foxp3+ regulatory T cell differentiation in animal model of obstructive sleep apnea | Do-Yang Park , Da-Young Park | AP442 | 36A |
| Influence of obstructive sleep apnea on timing of acute coronary syndrome onset. | Muhammad Hanis Muhmad Hamidi , Huzairi Sani, Muhammad Amin Ibrahim, Sazzli Shahlan Kasim, Ahmad Izuanuddin Salim | AP443 | 36B |
| Polysomnography characteristics and timing of acute coronary syndrome onset in obstructive sleep apnea patients. | Muhammad Hanis Muhmad Hamidi , Huzairi Sani, Muhammad Amin Ibrahim, Sazzli Shahlan Kasim, Ahmad Izuanuddin Salim | AP444 | 37A |
| Improvement in obstructive sleep apnea in super morbidly obese patients after bariatric surgery | Nitipatana Chierakul, Phasawee Thangdechahirun | AP445 | 37B |
| Case report: Obstructive sleep apnea with obesity hypoventilation syndrome. | Hoang Huu Nguyen , Tung Duy Phan, Bao Khac Le | AP446 | 38A |
| Effect of CXCR1-mediated CIH on mTOR expression in THP-1 cells | Yayong Li, Yina Wang , Yu Yang, Yingquan Luo, Xingang Huang | AP448 | 38B |
| Respiratory structure and function Chair: Nguyen Nhu Vinh | | | |
| Different response to inspiratory resistive breathing in patients with asthma, COPD and chronic bronchitis | Denis Naumov, Olesya Kotova , Dina Gassan, Eugeniya Afanaseva, Elizaveta Sheludko, Tatyana Maltseva | AP463 | 39A |
| Association between serum ferritin and pulmonary function in male tobacco exposed population: Korea national health and nutrition examination survey 2010 to 2012 | Taeyun Kim , Haesoo Jeon, Hyunji Choi, Jehun Kim, Chul-Ho Oak, Tae-Won Jang, Mann-Hong Jung | AP464 | 39B |
| Measurement and analysis of the tracheobronchial tree of Vietnamese adults by multislice computed tomography 640 | Le Huu Linh , Le Huu Le | AP466 | 40A |
| Noninvasive haemoglobin by pulse co-oximetry in the interpretation of single-breath carbon monoxide diffusion capacity. | Geak Poh Tan , Gin Tsen Chai, Danqing Qi, Chu Ying Gan, John Arputhan Abisheganaden | AP467 | 40B |



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| Is test repetition necessary for the 6-minute-walk test (6MWT) using a 15-metre course? | Gin Tsen Chai , Danqing Qi, Chu Ying Gan, Abisheganaden John, Geak Poh Tan | AP468 | 41A |
| A pilot analysis assessing the postoperative daily trend of carbon monoxide diffusing capacity in lung cancer patients | Chika Nakashima , Hiroak Harada, Fumiyo Yamamoto, Fumiaki Maeda, Atsushi Kamigaichi, Kentaro Kawaguchi, Yoshifumi Nishimura, Kozue Miyazaki, Satoshi Shibata, Isao Murakami | AP469 | 41B |
| Clinical utility of ear probe in pulse oximeter for estimating the oxygen saturation | Choi JS , Hwang HG, Na JO, Seo KH, Kim YH | AP470 | 42A |
| Effect of equal ratio ventilation on respiratory mechanics and oxygenation during volume-controlled ventilation in paediatric patients | Ha Yeon Kim | AP471 | 42B |
| Japanese cases of primary ciliary dyskinesia with DNAH5 and DNAH11 mutations | Atsushi Kurokawa , Mitsuko Kondo, Kiyoshi Takeyama, Mami Orimo, Tomohiro Akaba, Nahoko Honda, Atsuo Horiuchi, Azusa Miyoshi, Kazuhiko Takeuchi, Etsuko Tagaya | AP473 | 43A |
| Feasibility of spirometry in a cohort of elders from residential care facilities in the Colombo district of Sri Lanka | Buddhi M Gunawardana , WAD Lakmali Amarasiri, Piyusha M Atapattu, A Dinithi A Fernando, Mangala Gunatilake, Sudharshani Wasalathanthri, W Dilshani N Disanayake, Ranil Jayawardena, KP Chamila Dalpatadu, Kumarangie Vithanage, Nilanka Wickramasinghe, Shehan Koshila Jayaweera, Binuri Limalka Sathkumara WM, Leonard V Wanninayaka, Himansa AR Ranawaka, Nishanthika Vamasivam | AP474 | 43B |
| Respiratory and circulatory responses in late-stage elderly people during postural changes and walking | Masahiro Satake , Nobuyuki Shibata, Shinetsu Noto, Fujiko Sato, Yutaka Furukawa, Kazuto Kikuchi, Sachiko Uemura, Yoshino Terui, Takanobu Shiroy | AP475 | 44A |
| Tuberculosis Chair: Erlina Burhan | | | |
| A rare and unusual presentation of a common pulmonary disease | Irfan UI Haq , Mansoor Ali Hameed, Ibrahim Rasheed Abdul Rashid, Mushtaq Ahmad, Mehr Un Nisa, Merlin Marry Thomas | AP503 | 44B |

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| My cheesy heart: A case of TB pericarditis | Jim Paulo Pantas , Krislyn Panugayan, Olivia Faye Listanco, Jhakelinn Veerichah Galang, Dennis Teo | AP507 | 45A |
| Case study: 79-year-old male presents with pancytopenia and productive cough | Nguyen Hai Anh , Pham Thi Quynh | AP508 | 45B |
| The correlation of adverse effects with the efficacy, the clinical symptoms sequelae and the quality of life in multidrug-resistant tuberculosis patients | Hendra Kurniawan , Reviono Reviono, Hendra Agus, Harsini Harsini | AP509 | 46A |
| Using survival analysis to identify risk factors of adverse effects onset of kanamycin among multidrug resistant tuberculosis patients in Moewardi Hospital Surakarta Indonesia | Hendra Kurniawan , Reviono Reviono, Martha Ratnawati, Wachid Putranto, Yusup Subagio | AP510 | 46B |
| Factors associated with under-reporting of tuberculosis cases in Dr. Moewardi hospital, Surakarta, Indonesia | Reviono Reviono , Pramesti Fitria, Jatu Aphridasari, Hendra Kurniawan, Yusup Subagio | AP511 | 47A |
| Clinical, paraclinical manifestation and the supportive treatment results of pleural irrigation with normal saline in the tuberculous pleural effusions | Duc Trung Cao , Phuong Thi Hoang, Ngo Quy Chau | AP512 | 47B |
| A case report: Rapidly progressive pneumonia | Tung Duy Phan , Bao Khac Le | AP513 | 48A |
| Pulmonary tuberculosis presenting as hoarseness - a case report | Gladys Judynil Brandares Daba , Fernando Garife Ayuyao | AP515 | 48B |
| Cranio-cervical junction tuberculosis: Unusual site of ancient diseases | Yessy Susanty Sabri , Irvan Medison, Sabrina Ermayanti, Ulfa Himayati | AP516 | 49A |
| A pregnant patient with NTM infection: A case report | Do Thanh Dang, Trang T. T Vu, Ha Ngoc Pham | AP517 | 49B |
| Lung tuberculosis mimicking malignancy in radiography findings | Ilham Ilham , Oea Khairsyaf, Russilawati Russilawati, Fenty Anggariny | AP518 | 50A |
| Primary multidrug resistant tuberculosis (MDR-TB) among type-2 diabetes mellitus (DM) patient: Case series | Ulfahimayati Ulfahimayati , Irvan Medison, Fenty Anggrainy | AP519 | 50B |
| Prevalence of post tuberculosis-chronic obstructive pulmonary disease at a tertiary referral centre Kuala Lumpur | Guang Yong Chong, Yu-Lin Andrea Ban , Mohamad Faisal Abdul Hamid | AP520 | 51A |
| Validation of a risk assessment questionnaire for childhood tuberculosis | Ma. Samanta Dizon Jaucian , Olivia Cheng Go, Clara Reyes Rivera, Maria Carole Lisa Carreon Sibulo | AP486 | 51B |



SATURDAY 16 NOVEMBER

POSTER SESSION 4

14:00 - 17:00

The presenting author is indicated as bold font.

16th
SESSION 4

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| Asthma Chair: Kang-Yun Lee | | | |
| Efficacy and safety of as-needed corticosteroid plus formoterol monotherapy in adolescents and adults with mild and intermittent asthma: Meta-analysis of randomised controlled trials | Carla Emille Barbon , Roland Reuben Angeles, Manuel Peter II Jorge | AP025 | 1A |
| The patient with history of inhalation burn injury who were treated with asthma improved symptoms of respiratory distress after laser cordotomy | Ilsang Han | AP026 | 1B |
| Analysis of T cell-induced bronchoconstriction in vivo and in vitro | Akio Mori , Satoshi Kouyama, Akemi Abe-Ohtomo, Miyako Yamaguchi, Chiemi Kunitani, Kiyoshi Sekiya, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma | AP027 | 2A |
| Foreign body of the airway triggering severe asthma exacerbation | Son Bao Vu , Tuan Anh Tran | AP028 | 2B |
| Assessing strategies and contents of mobile apps for asthma self-management in 2019 | Natsumi Nomura , Jun Ueki, Emika Sano, Megumi Ikeda, Keiko Hino, Yuko Sano, Kazunori Tamamoto, Hiroo Wada | AP031 | 3A |
| Role of serum periostin as a biomarker in diagnosis of bronchial asthma. | Ibrahim Salaheldin Ibrahim , Dina Reda Mohamed, Amira Yossef Abdelnaby, Enas Ahmed ELzmrarn | AP032 | 3B |
| Poor asthma control and obesity does the association exist in a Sri Lankan study | Dilanka Tilakaratne , Sandhya Kumari, Shehani Balasooriya, Eshanth Perera | AP033 | 4A |
| Bronchoscopy and interventional techniques Chair: Fumihiko Asano | | | |
| A case of bronchopulmonary carcinoid arised in bronchus diagnosed by 3 times bronchoscopy with removing necrotic tissue. | Hiroyuki Fujiwara , Kiyoshi Nakashima | AP060 | 4B |
| Clinical implications of indocyanine green fluorescence-based evaluation of pedunculated pericardial fat pad vascularization during lung cancer surgery: A pilot analysis | Fumiyo Yamamoto , Hiroaki Harada, Chika Nakashima, Fumiaki Maeda, Atsushi Kamigaichi, Kentaro Kawaguchi, Yoshifumi Nishimura, Kozue Miyazaki, Satoshi Shibata, Isao Murakami | AP061 | 5A |

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| Endobronchial ultrasound (EBUS) sonographic features of mediastinal lymph nodes associated with malignancy among patients who underwent EBUS-guided transbronchial needle aspiration (TBNA) biopsy | Mary Claire Reyes Orden , Joven Roque V Gonong | AP062 | 5B |
| Cryospray can freeze epithelial cells to death with no fibroblast scar | Hongxia Duan , Shuanshan Xie, Changhui Wang | AP063 | 6A |
| Phyllodes tumor: A rare cause of endobronchial metastasis | Genevieve Ramos Om-bao , Joven Gonong | AP064 | 6B |
| Balloon dilatation in post tuberculosis bronchial stenosis | Ka Kiat Chin , Thian Chee Loh, Chee Shee Chai, Jiunn Liang Tan, Mau Ern Poh, Chee Kuan Wong, Yong Kek Pang, Chong Kin Liam | AP065 | 7A |
| Effects of deep meditation music and pranayama during bronchoscopy | Napplika Kongpol-prom , Lavan Sorasitrungsakun, Nataphon Wuthithepbuncha | AP066 | 7B |
| A retrospective cohort study on the effectiveness of intrapleural fibrinolytic therapy in management of loculated pleural effusion | Rachelle Mae Dayan Legaspi , Marian Cortez Dimabuy, Ricardo Morales De Castro, Guinevere Ngo Dy Agra, Dennis Carmona Villanueva | AP067 | 8A |
| A rare endobronchial solitary fibrous tumor: Case report | Matthew K Ing , Cameron M Sullivan, Jonathan P Williamson, Steven T Lindstrom | AP068 | 8B |
| Cryotherapy recanalization of primary tracheal squamous cell carcinoma | Portia Maria Cadite Tanyag , Joven Roque Versoza Gonong | AP069 | 9A |
| Successful palliative cryoablation and recanalization of invasive follicular thyroid carcinoma encroaching into the trachea | Portia Maria Cadite Tanyag , Joven Roque Versoza Gonong | AP070 | 9B |
| Use of bronchoscopic examination of the larynx prior to extubation in patients with failed cuff leak test | Hiroshi Nakaoka , Minoru Shiraga, Masayuki Ishida | AP071 | 10A |
| The results of medical thoracoscopy in diagnosing the cause of exudative pleural effusion at the respiratory center of Bach Mai Hospital | Lan T. P Doan, Hang Thi Can | AP073 | 10B |
| Management of massive subcutaneous emphysema using negative pressure wound therapy dressings | Nai Chien Huan , Noorasyikin, Mohamed Arifin, Teng Shin Khoo, Yean Chen Lai | AP463 | 49A |
| Clinical allergy and immunology Chair: Yasuhiro Gon | | | |
| Airway Mucin MUC5AC Production is increased in patients with chronic eosinophilic pneumonia | Kiyoshi Takeyama , Tomohiro Akaba, Atsushi Kurokawa, Soshi Muramatsu, Ken Arimura, Mitsuko Kondo, Etsuko Tagaya | AP088 | 11A |



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| Calcium-activated Cl ⁻ channel (ANO1) and calcium release-activated calcium channel (ORAI1) as potential therapeutic targets for allergic rhinitis | Woo Kyung Kim , Yu Ran Nam, Hyun Jong Ki | AP090 | 11B |
| Role of Nrf2 in the allergic airway inflammation differ between BALB/c and C57BL/6 mice | Ying-Ji Li , Takako Shimiz, Maiko Kobayashi, Yukiyo Hirata, Hirofumi Inagaki, Arata Azuma, Tomoyuki Kawada | AP092 | 12A |
| COPD Chair: Do Quyet | | | |
| Diagnosis of chronic obstructive pulmonary disease (COPD) using a smartphone-based cough-centred algorithm in a mixed disease acute-care cohort | Paul Porter, Scott Claxton , Joanna Brisbane, Fiona Purdie, Claire Smith, Javan Wood, Vesa Peltonen, Natasha Bear, Udantha Abeyratne | AP176 | 12B |
| Pre-differentiated amniotic fluid mesenchymal stem cells enhance regeneration of lung tissues and ameliorate elastase-induced pulmonary emphysema in mice model | Chih-Ching Yen | AP179 | 13A |
| Evaluation of practice pattern of COPD amongst physicians of three Asian countries: A survey in Nepal, Sri Lanka and Malaysia | Ramesh Chokhani, Rajesh Dhoj Joshi , Abdul Razak, Kirthi Gunasekera, Aniruddha Mukhopadhyay, Vaibhav Gaur, Jaideep Gogtay | AP180 | 13B |
| Cardiovascular effects of pharmacotherapy in chronic obstructive pulmonary disease patients | Bo Young Lee , Hwa Jung Kim, Jae Seung Lee, Sei Won Lee, Yeon-Mok Oh | AP181 | 14A |
| Evaluation of practice pattern of COPD amongst pulmonologists in Algeria | Khelafi Rachida, Taright Samya, Aniruddha Mukhopadhyay, Vaibhav Gaur , Jaideep Gogtay | AP182 | 14B |
| Regional distribution and clinical characteristics of bacterial exacerbation of chronic obstructive pulmonary disease in South Korea | Jungmin Yoo , Chi Young Jung, Ju Ock Na, Tae-Hyung Kim, Yeon-Mok Oh, Seung Won Ra | AP183 | 15A |
| Effect of upper-limb endurance and strength training on dyspnea scale, functional capacity, quality of life and pulmonary function test in COPD patients | Amira Permatasari Tarigan, Bintang Yinke Magdalena Sinaga, Pandiaman Pandiaman, Zulkarnain, Fanni Rizki Ananda | AP184 | 15B |
| Role of allosteric effects and K ^{Ca} channel activity in synergistic action between LABAs and LAMAs | Hiroaki Kume | AP186 | 16A |
| Association between nutritional status and blood gas analysis related parameters in elderly patients with acute exacerbation of chronic obstructive pulmonary disease with respiratory failure | Zhe Zhang , Zhenyu Liang, Yuandi Wang, Yijun Chen, Qiasheng Li, Fengyan Wang, Wenhua Jian, Jinping Zheng | AP187 | 16B |

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| Stable clinical course of COPD patients in the era of dual bronchodilator therapy: The real-world data | Sun Hye Shin , Noeul Kang, Juhee Cho, Hye Yun Park | AP189 | 17A |
| A difference analysis for blood routine test indexes of COPD patients in acute exacerbation phase, recovery phase and stable phase | Yijun Chen , Yuan-di Wang, Zhe Zhang, Qiasheng Li, Zhenyu Liang, Ying Fang, Wenhua Jian, Jinping Zheng | AP190 | 17B |
| The association between readmission and different levels of neutrophil or lymphocyte counts for hospitalized patients with AECOPD | Yijun Chen , Yuandi Wang, Qiasheng Li, Zhe Zhang, Zhenyu Liang, Ying Fang, Wenhua Jian, Jinping Zheng | AP191 | 18A |
| Absence of exhalation before inhaler use is associated with severe acute exacerbation in patients with COPD | Ji-Yong Moon , Min Joo Cho, Yoomi Yeo, Tai Sun Park, Hyun Lee, Dong Won Park, Sang-Heon Kim, Tae Hyung Kim, Jang Won Sohn, Ho Joo Yoon | AP192 | 18B |
| Association of inhaled corticosteroid and the frequency of acute exacerbations in patients with severe chronic obstructive pulmonary disease | Kyoko Yagyu , Takahiro Ueda, Riki Uenishi, Hideaki Furuse, Yuko Nakatsuji, Haruhiko Matsushita | AP194 | 19A |
| Evaluation of a flying disc game as a physical activity for COPD patients | Tsukasa Ohnishi , Kaori Tsuruta Tsuruta, Makito Iizuka, Maiko Wada Wada, Haruki Funakoshi, Mie Nakada, Hironori Sagara | AP195 | 19B |
| Factors associated with smoking status in COPD patients | Aisya Natasya Musa , Khairil Khuzaini Zulkifli, Muhammad Amin Ibrahim, Nurul Yaqeen Esa, Mohd Arif Mohd Zim, Ahmad Izuanuddin Ismail | AP197 | 20A |
| Critical care medicine Chair: Rex. C. W. Yung | | | |
| Ribosome profiling sequencing based gene expression during lung injury after one-lung ventilation | Zhizhi Wang , Di Lu, Zhiming Chen, Yuhui Chen, Hongli Ji, Ziyang Hong, Xiguang Liu, Jianjun Jiang, Hua Wu, Kaican Cai | AP218 | 20B |
| Macrolides as adjunctive treatment in sepsis: A systematic review and meta-analysis | Cary Amiel Gil Villanueva , Jonathan Luzano, Vladimir Lennin Roque, Ma. Bella Siasoco | AP219 | 21A |
| Study on the relationship between CPAP and Leptin level using cluster analysis | Yutaka Koza , Yusaku Ishiwatari, Mari Hikichi, Shinichi Okamoto, Hisato Hiranuma, Shuichiro Maruoka, Tsuneto Akashiba, Shu Hashimoto, Yasuhiro Gon | AP220 | 21B |



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| "Subclinical" but "massive" haemoptysis | Hoang Minh , Le Khac Bao | AP221 | 22A |
| Outcome of patients with idiopathic pulmonary fibrosis (IPF) admitted to intensive care unit (ICU) | Hirsh Koyi , Panagiothis Xanthoulis, Fredric Parenmark, Warda Mohiddin Ali | AP222 | 22B |
| Accuracy of risk calculator predicting post-operative respiratory failure and prolonged mechanical ventilation after a cardiothoracic surgery in Philippine Heart Center | Gladys Judynil Brandares Daba , Teresita Samortin De Guia | AP223 | 23A |
| The value of blood BNP variations during mechanical ventilator weaning in impaired cardiac contractility patients with acute respiratory failure | Yeong Long Hsu , Kuan Ming Chu | AP224 | 23B |
| The effectiveness of nebulized heparin in decreasing days of mechanical ventilation: A meta-analysis and systematic review | Aila Marnelle Apolinario Cruz , Marie Gene Diaz Cruz, Aylmer Rex Hernandez, Felix Punzalan, Marc Evans Abat | AP225 | 24A |
| Environmental and occupational health and epidemiology Chair: Yasuo Morimoto | | | |
| Long-term exposure to pm 2.5 and imaging phenotypes in coda cohort | Youlim Kim , Woo Jin Kim, Sung Ok Kwon, Chang Youl Lee | AP246 | 24B |
| Lung-specific regulation of angiotensin system by chronic exposure of particulate matter | Hsiao-Chi Chuang , Yi-Ying Chen, Jen-Kun Chen, Ta-Chih Hsiao, Tsun-Jen Cheng | AP247 | 25A |
| Occupational exposure to hazardous chemicals: Its effects on pulmonary function in the korean general population | JaeBum Park | AP249 | 25B |
| Air pollution understanding and exposure in a rural lower socioeconomic region of the Philippines: A semi-quantitative survey | Alexander Mullin , Monique De Pedro, Charlotte Hesper | AP250 | 26A |
| Pulmonary function test and proportion of chronic obstructive pulmonary disease (COPD) among taxi drivers in Jakarta, Indonesia | Nurvidya Rachma Dewi , Agus Dwi Susanto, Budhi Antariksa | AP253 | 26B |
| Epidemiological and some clinical characteristics of chronic obstructive pulmonary disease in Nghe An province | Huy Nhat Le , Hanh Thi Chu | AP254 | 27A |
| Isocyanate-induced hypersensitivity pneumonitis and coexistence of occupational asthma | Jeong Mi Lee , S.H Lee, K.H Sohn, B. Chang, Y.H Kim, H.S Choi, C.W Choi, M.J Park | AP251 | 50A |
| Lung cancer Chair: Sita Andarini | | | |
| Frequency of ALK rearrangements in non-small cell lung cancer patients in Cho Ray hospital | Ngoc Minh Duong , Vu Thuong Le, Thong Vu Dang, Ngoc Van Tran | AP337 | 27B |

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| Association between clinicopathological parameters and the efficacy of immune checkpoint inhibitor therapy in patients with biopsy-diagnosed non-small-cell lung cancer | Takahiro Ota , Naohide Takada, Yoshimi Nishikawa, Hidetoshi Yoshioka, Shuta Igarashi, Yusuke Kobayashi, Takaya Nakamura, Masahito Emura | AP338 | 28A |
| Enhanced ceruloplasmin mediates tumor angiogenesis in lung cancer | Kuan-Li Wu , Jen-Yu Hung, Ya-Ling Hsu, Ying-Ming Tsai | AP339 | 28B |
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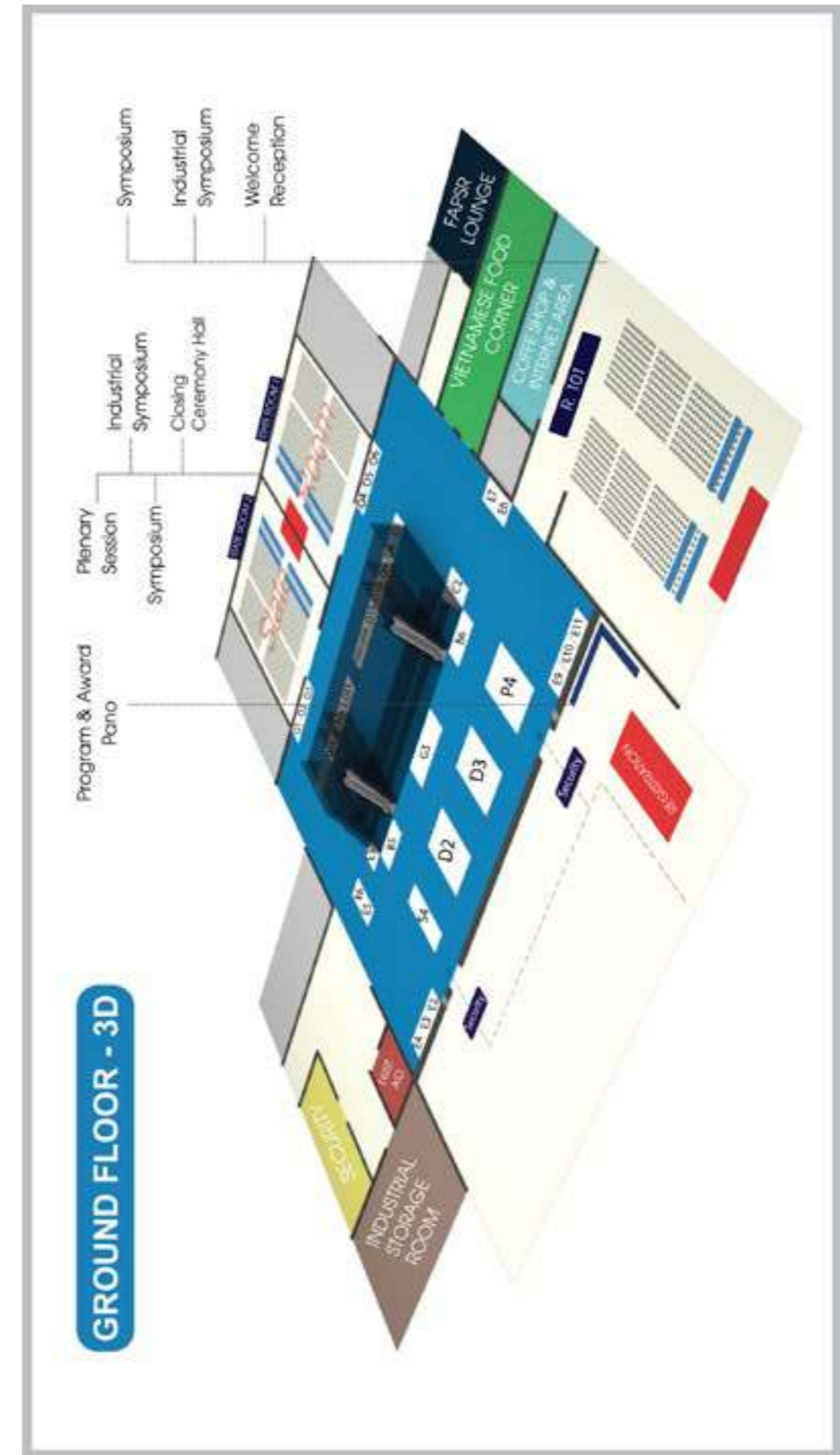
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| Masafumi Shimoda | AP358 |
| Masafumi Yamaguchi | AP008 |
| Masahiro Fujioka | AP056 |
| Masahiro Satake | AP475 |
| Masaki Fujita | AO056 |
| Masaki Hirose | AP266 |
| Masako To | AO154 |
| Masanori Yokoba | AP357 |
| Masao Hashimoto | AO246 |
| Masao Takemura | AP265 |
| Masatoshi Yamaguchi | AP360 |
| Masatsugu Ohuchi | AP399 |
| Matthew G Macowan | AO197 |
| Matthew K Ing | AP068 |
| May Crystel Cuevas Rago | AP038 AP154 |
| Md Amanullah Chowdhury | AP497 |
| Md Masudur Rahman | AO102 |
| Mei Sarah Pane | AP417 |

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|------------------------------------|-------------------------|
| Mei-Yin Chen | AP282 |
| Meng Jianfeng | AP322 |
| Meng-Heng Hsieh | AP425 |
| Mengzhen Cheng | AP145 |
| Michelle Angela Limjoco Tan-Reyes | AP348 |
| Michiko Tsuchiya | AO157 |
| Michitaka Kimura | AP296 |
| Miki Itai | AP259 |
| Min Feng | AL0005 |
| Mingyo Seo | AP280 |
| Minh An Thi Van | AO081 |
| Miranda P Ween | AO198 |
| | AP381 AP500 AO110 |
| Mithi Kalayaan Solis Zamora | |
| Mitsukuni Sakabe | AP281 |
| Mohammad Moshir Rahman | AP364 |
| Molina Khairunnisya Simatupang | AP152 |
| Monica Kristine Lin Madera-Roberts | AP045 |
| | AO111 AO267 |
| Muhamad Fajri Adda'i | |
| Muhammad Ali Asdar | AO103 |
| Muhammad Hanis Muhmad Hamidi | AP443 AP444 |
| Myung Sook Kim | AP383 |
| N | |
| Nai Chien Huan | AP463 AP464 |
| Nahoko Honda | AP264 |
| Naoki Ijiri | AP148 |
| Naoto Ishimaru | AO209 |
| Naoya Iwanami | AO084 |
| Naoyuki Kuse | AP052 |
| Naplika Kongpolprom | AP066 |
| Natsumi Nomura | AP031 |
| Ng Boon Hau | AP110 |
| Ngan Thi Kim Nguyen | AO212 |
| Nghia Duc Nguyen | AP433 |

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|------------------------------|----------------------------------|
| | AP337 AO244 AO245 |
| Ngoc Minh Duong | |
| | AP508 AO104 |
| Nguyen Hai Anh | |
| Nguyen Hai Yen | AL0015 |
| Nguyen Minh Nguyen | AO112 |
| Nguyen Thi Hong | AP097 |
| Nguyen Thi Phung | AL0045 |
| Nguyen Van Ngan | AO159 |
| Nguyen Van Thanh | AL0043 |
| Nguyen Van Tho | AO040 |
| Nhat Son Bui | AO120 |
| Nhu Quynh Thi Nguyen | AL0022 |
| Nirmal Kanti Sarkar | AP498 |
| Nita Corry Agustine Nias | AO105 |
| | AP107 AP330 |
| Nor Suraya Samsudin | |
| | AL0035 AL0036 |
| Nurgul Bozkurt | |
| Nurvidya Rachma Dewi | AP253 |
| O | |
| | AP087 AP463 |
| Olesya Kotova | |
| Oliver James Howlett | AO210 |
| Onaizah Katrina Gatus Monera | AP050 |
| P | |
| | AO095 AP237 AP236 AP460 |
| Paul Dawkins | AO160 |
| Pei Hang Xu | AL0038 |
| Pham Thi Kim Nhung | AO148 |
| | AP095 AP237 AP236 AP460 |
| Phan Thu Phuong | |
| Phasawee Thangdechahirun | AP445 |
| Phu Ngoc Dao | AO082 |
| Phuc Ngoc Nguyen | AP369 |
| | AO191 AO194 AO213 |
| Phuong Nguyen | |

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|---------------------------------|----------------|
| Portia Maria Cadite Tanyag | AP069 AP070 |
| Prasanie Anuruddhika Jayasinghe | AP298 AP260 |
| Praveen Radhakrishnan | AP199 AO184 |
| Q | |
| Qian Zhang | AO165 |
| | AP439 AO223 |
| Qingshi Chen | |
| Quan Tran Thien Vu | AP456 |
| Que Kim Do | AO140 |
| R | |
| Rachelle Mae Dayan Legaspi | AP067 |
| Rajesh Dhoj Joshi | AP180 |
| Ramon Jr. Bagaporo Larrazabal | AO141 |
| Ratih Dwi Ary Merdekawati | AP244 |
| Raziye Nesrin Demirtas | AP367 AP368 |
| Reviono Reviono | AP511 |
| Richard Aquino Boado | AP267 |
| Rizka Helmi | AP492 |
| Robert Shan Fon Tsai | AP388 |
| Rodolfo Pagcatipunan | AP428 |
| Roland Angeles | AP059 |
| Ronald Palma | AP096 |
| Ryosuke Imai | AO113 |
| Ryota Otoshi | AP272 |
| Ryunosuke Ooi | AP309 |
| S | |
| Saifuddin Khaled | AO192 |
| Sakuo Hoshi | AP493 |
| Sang Hoon Lee | AP350 |
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| Saori Nishizawa | AP478 |
| Satoshi Kasagi | AP462 |
| Satoshi Takamori | AO161 |
| Sayontonee Ghosh | AP053 |

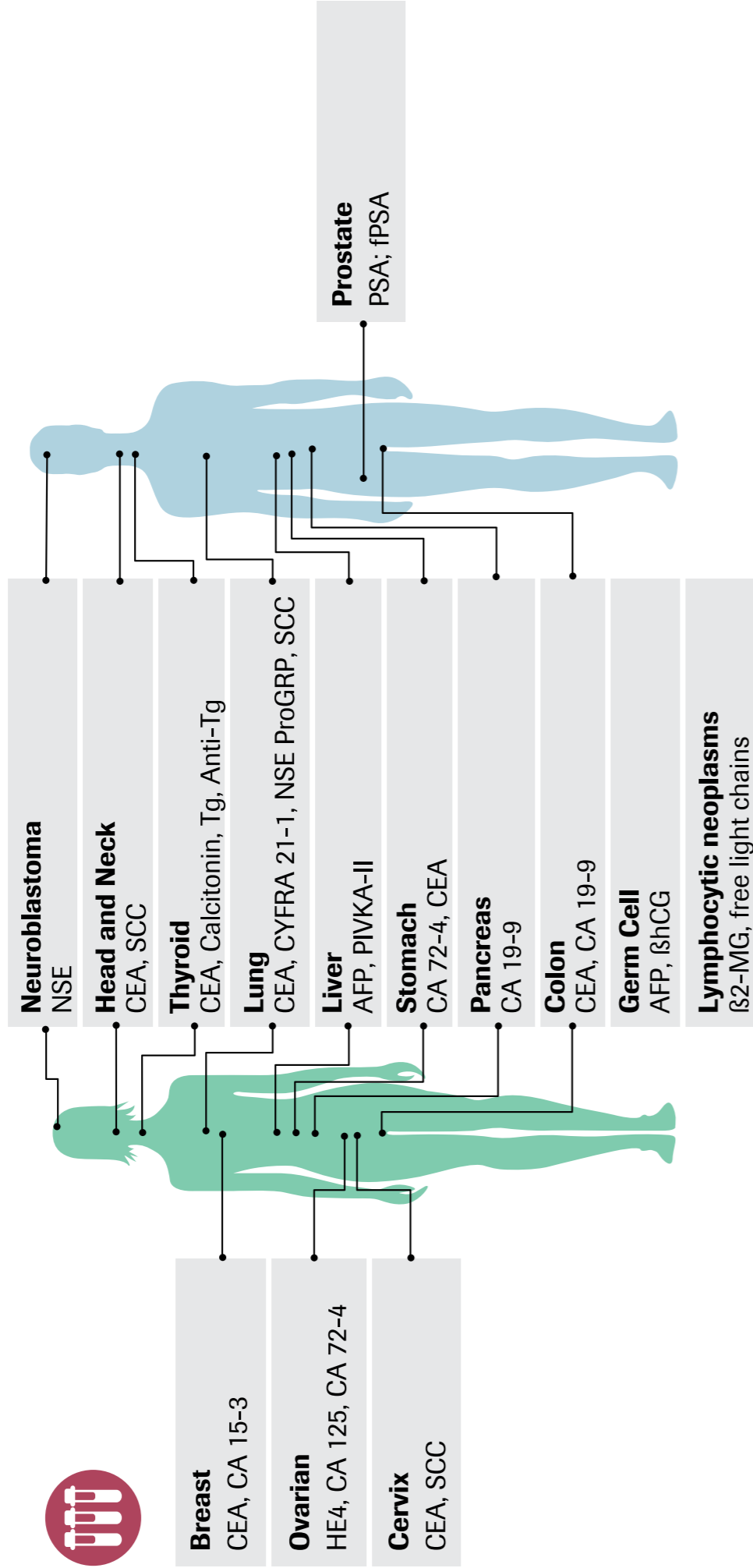


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| Scott Claxton | API76 AO250 | Suyastri Suyastri | AP345 | Thi Xuan Khanh Nguyen | AL0041 | Vu Van Giap | AL0011 | | API90 API91 | Yujun Chen | AO138 AO231 | Yuye Zhang | AP389 AO256 |
| Sei Won Lee | API42 | Syazatul Syakirin Sirol Aflah | AP276 AO086 | Thu Anh Nguyen | AO123 | W | | | | | | Z | |
| Seohyun Kim | AP213 | | | Thu Nguyen Anh Đau | API25 | | | AP007 | | | | | |
| Seung Hoon Kim | AP292 | | | Thuy Thanh Nguyen | AO227 | WAD Lakmali Amarasiri | | AO195 | | Yina Wang | AP448 AO225 | Zhe Zhang | API87 AO234 |
| Shigehisa Kajikawa | AO142 | T | | Thuy Thi Dieu Nguyen | AO193 | | | AO195 | | Ying Fang | AO249 | Zhi Ao | AP283 |
| Shih-Lung Cheng | AO085 | T. K. Lim | AO133 AO272 | Tingting Cheng | AO200 | Wan-Chun Huang | AL0037 | | | Ying-Ji Li | AP092 | Zhizhi Wang | AP218 |
| Shinya Ohkouchi | AO199 | Ta Ba Thang | AO134 | Tinh Van Nguyen | AP290 AP291 | Wang Chun Kwok | AO147 AO257 | | | Yoko Hamakawa | AO232 | Zuber Ahmad | AO181 |
| Shuanshuan Xie | AO022 AO024 | Tadashi Sakaguchi | AP036 | Toan Thanh Do | AO247 | Wee Nee Foo | AO180 | | | Yong Fan | AO268 | | |
| Shu-Hung Kuo | AO114 | Tae Yun Park | AP355 | Tome Kamgo | AO089 | Wenhua Jian | AO248 | | | Yosuke Tanaka | AP377 | | |
| Shun Takao | AP279 | Taewon Jang | AP333 | Tommy Dy Yau | AP258 | Wenting Luo | AO155 AO274 | | | Yosuke Wada | AO269 | | |
| Son Bao Vu | AP028 | Taeyun Kim | AP464 | Tomohiro Akaba | AP434 | Win Win Myint | AP459 | | | Youlim Kim | AP246 | | |
| Son Ngoc Do | AL0013 | Tai Hato | AP328 | Tomohiro Handa | AO235 | Wm Wong | AP047 | | | Youngheon Park | AO201 | | |
| Sonya Noviana Masyhud | AP413 | Taichi Mochizuki | API53 | Tomoko Kawahara | AP049 | Wong Wai Mun | API34 | | | Yu Jin Kim | AP485 | | |
| So-Young Park | API41 | Taisuke Jo | AP335 | Tomoyasu Uno | AP229 | Won-Il Choi | AO237 | | | Yu Nakanishi | AP340 | | |
| Sue In Choi | AP240 | Takahiro Ota | AP338 | Toshie Manabe | AO178 | Wonjun Ji | AP426 | | | Yuandi Wang | AO139 AO233 | | |
| | AL0026 | Takashi Matsuhira | AP268 | Toshikazu Takasaki | AP284 | Woo Kyung Kim | AP090 | | | Yu-Fan Ho | API60 | | |
| | AP285 | Takashi Tachiwada | AP006 | Tran Ngoc Buu | AO122 | Woohyun Cho | AP210 | | | Yuichi Adachi | AP409 | | |
| | AL0021 | Takashi Tojo | AP334 | Trang T. T Vu | AP288 AO228 | X | | | | Yuji Inagaki | API01 | | |
| | AP308 | Takashi Yoshida | AP382 | Tri Setia Negara Sinulingga | API65 | Xiang Bu | AO259 | | | Yuji Matsumoto | AO188 | | |
| | AL0051 | Takatomo Tokito | AP270 | Tsukasa Ohnishi | API95 | Xiao Meng Li | AO137 AO224 | | | Yuki Yamamoto | AP271 | | |
| | AP286 | Takayasu Nishimaki | AP414 | Tsunahiko Hirano | AL0009 API58 | Xiao-Yue Chen | AO229 | | | Yukihiko Yano | AP325 | | |
| | AP484 | Takayuki Niitsu | AO144 | Tung Duy Phan | AP513 | | AP370 | | | Yukio Nagasaka | AO164 | | |
| | AP482 | Takehiko Kobayashi | AO253 | U | | Xin Tian | AP371 AP372 | | | Yuko Sano | API71 | | |
| | AP483 | Takeshi Masuda | AP275 | Ulfahimayati | AP519 | | | | | Yuko Tanaka | AO263 | | |
| | AP305 | Takuma Katano | AP269 | Ulfahimayati | | Yalei Zhang | AO260 | | | Yulai Yuan | AL0017 AP018 AP074 | | |
| | AP306 | Takuto Sueyasu | AP387 | Ungky Agus Setyawan | AO146 | Yang Bai | AO261 | | | Yulia Denisenko | AP075 AP078 AP230 | | |
| | AO265 | Tamaki Kakuwa | AO176 | V | | Yaoqian Cao | AO136 | | | Yu-Lin Andrea Ban | AP520 | | |
| | AL0052 | Tamaki Takahashi | AP412 | Vaibhav Gaur | API82 AP393 | Yao-qian Cao | AP454 | | | Yun Su Sim | AP211 AP214 | | |
| | AP307 | Tan Wang Jie | AP481 | Victor P. Kolosov | AP395 AP356 | Yaowei He | AO172 AO275 | | | Yunfeng Shi | AP396 AP397 | | |
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| Sumedha Samankantha Heenagamage | AP243 | Tantrie Desty Lianawati | AP320 | Vily Law | AP020 | Yasuhiro Setoguchi | AO240 | | | Yusup Subagio Sutanto | AP346 AP477 | | |
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| Sung Wook Kang | AP273 | Teo Ai Huay | AP009 | | | | | | | | | | |
| Sungheon Song | AP293 | Teruaki Mizobuchi | AO145 | | | | | | | | | | |
| Suniti Yadav | AO132 | Thang Huu Nguyen | AP086 | | | | | | | | | | |
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