

IN PARTNERSHIP WITH



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# APSR 2019

## THE 24<sup>th</sup> CONGRESS OF THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY

*Sharing updated knowledge and approaches in respiratory medicine*

14<sup>th</sup> - 17<sup>th</sup> NOVEMBER, 2019 - HANOI, VIETNAM



# PROGRAM BOOK

[www.apsr2019.vn](http://www.apsr2019.vn)

# TABLE OF CONTENTS

WELCOME MESSAGE FROM THE CONGRESS PRESIDENT .....	2
WELCOME MESSAGE FROM THE APSR PRESIDENT .....	3
ABOUT THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY .....	4
ABOUT APSR COMMITTEE.....	4
APSR 2019 LOCAL ORGANIZING COMMITTEE.....	6
GENERAL INFORMATION .....	8
VENUE FLOOR PLANS.....	13
APSR MEMBERS' MEETINGS.....	18
SPEAKERS .....	20
• INTERNATIONAL SPEAKERS.....	22
• ASIA - PACIFIC SPEAKERS .....	28
YOUNG INVESTIGATOR AWARDS.....	40
PROGRAM AT A GLANCE .....	42
DETAILED PROGRAMS.....	50
• PROGRAM THURSDAY 14 NOVEMBER.....	54
• PROGRAM FRIDAY 15 NOVEMBER.....	60
• PROGRAM SATURDAY 16 NOVEMBER.....	80
• PROGRAM SUNDAY 17 NOVEMBER.....	100
POSTER SESSIONS .....	108
• POSTER OVERVIEW .....	110
• FRIDAY 15 NOVEMBER .....	112
• SATURDAY 16 NOVEMBER.....	132
SPONSORSHIP & EXHIBITION.....	152
• EXHIBITION FLOOR PLAN.....	154
• LIST OF EXHIBITORS.....	156
• SPONSOR PROFILES.....	157
INDEX OF AUTHORS.....	160



# 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 14<sup>th</sup> to 17<sup>th</sup> 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 24<sup>th</sup> 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, 24<sup>th</sup> 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](http://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 - <b>Chairperson</b>	Do Quyet	Tran Van Ngoc
Le Thi Tuyet Lan - <b>Vice Chairperson</b>	Nguyen Huu Uoc	Le Tien Dung
Chu Thi Hanh - <b>Vice Chairperson</b>	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

<b>Chairperson</b>	<b>Member</b>	Dang Quoc Tuan
Ngo Quy Chau	Tran Van Sang	Dinh Ngoc Sy
<b>Vice chairperson</b>	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

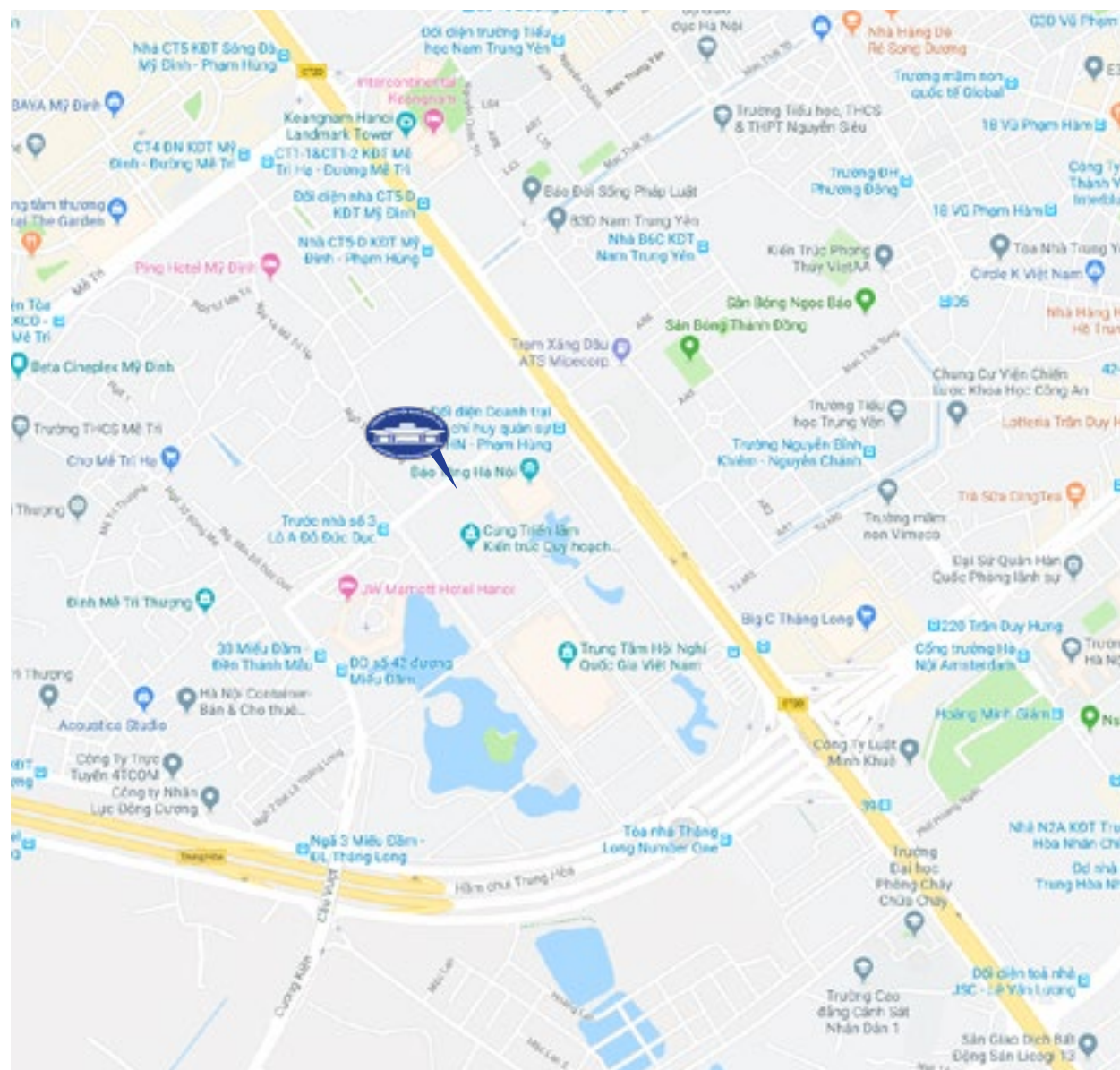
The National Convention Center (NCC)

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 **13<sup>th</sup> November 2019**
- 7:30 - 17:00 on **14<sup>th</sup> – 16<sup>th</sup> November 2019**
- 7:30 - 12:30 on **17<sup>th</sup> 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 **14<sup>th</sup> – 16<sup>th</sup> November 2019**
- 8:00 – 12:30 on **17<sup>th</sup> 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

**DMC**  
The Professional  
CONFERENCE ORGANIZER  
[www.dmc.com.vn](http://www.dmc.com.vn)

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

**Telephone (VN):** +84 933802588

**Email:** [md@dmc.com.vn](mailto:md@dmc.com.vn)

## VENUE FLOOR PLANS

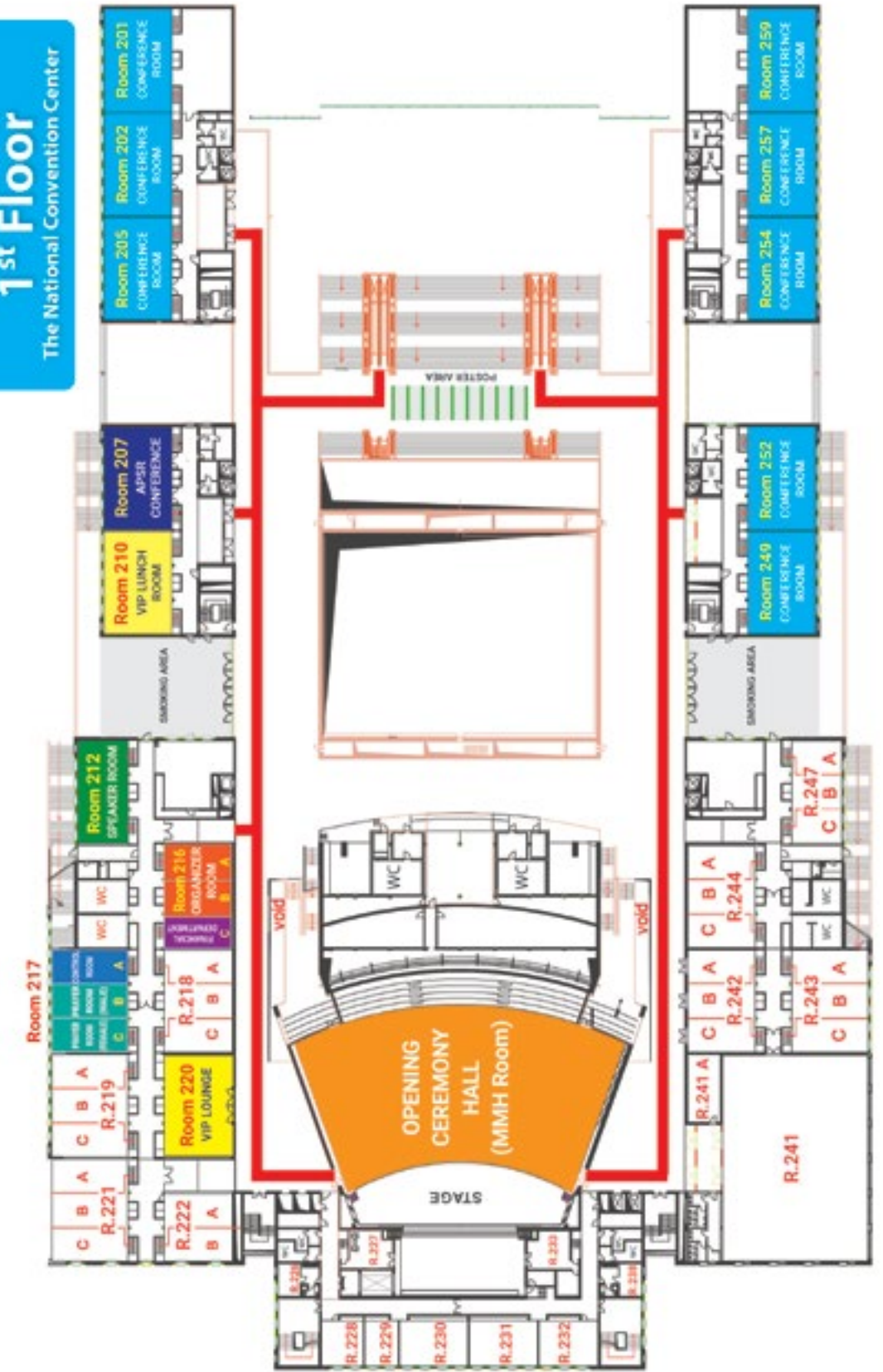




## GROUND FLOOR - 3D

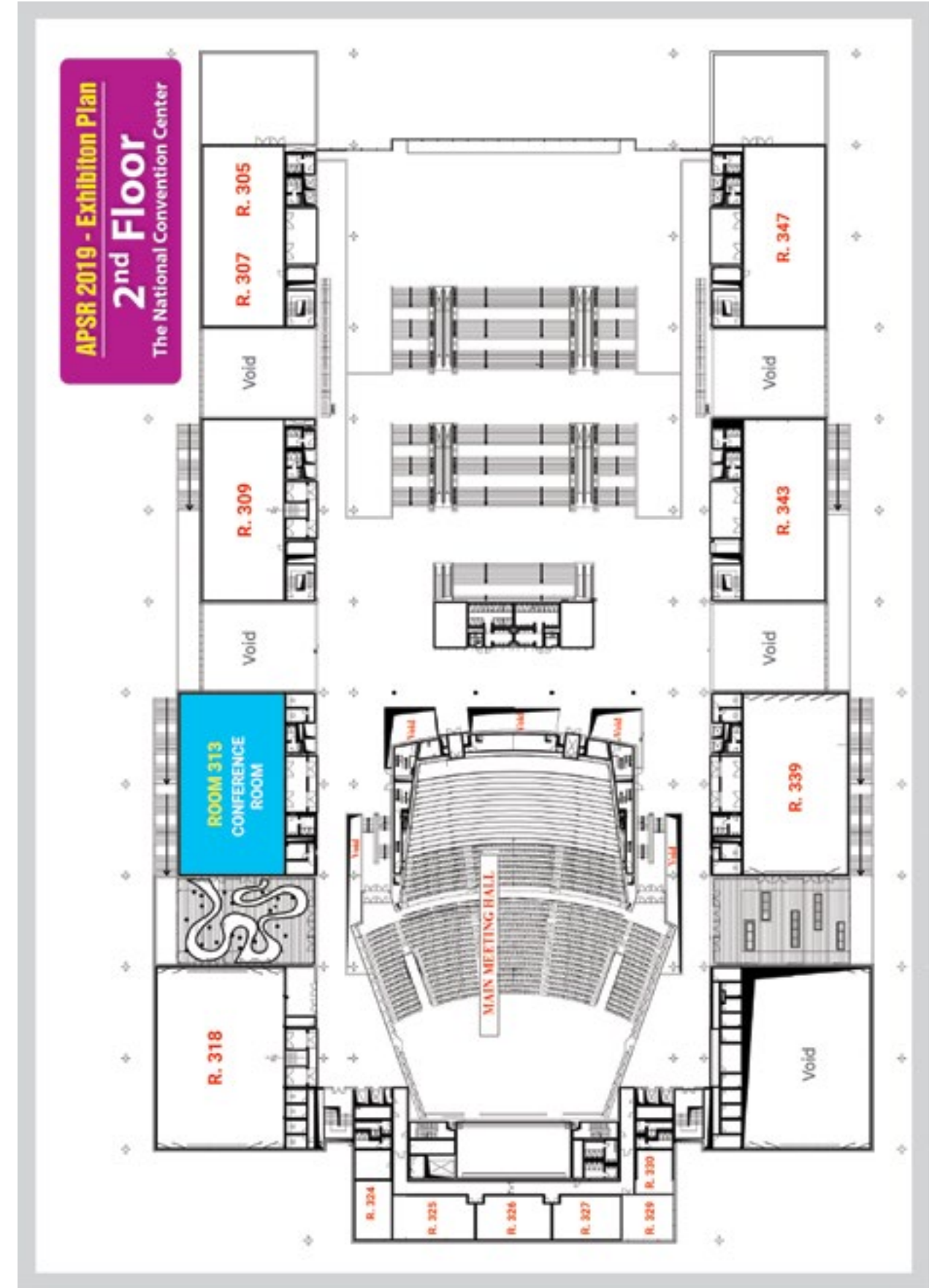
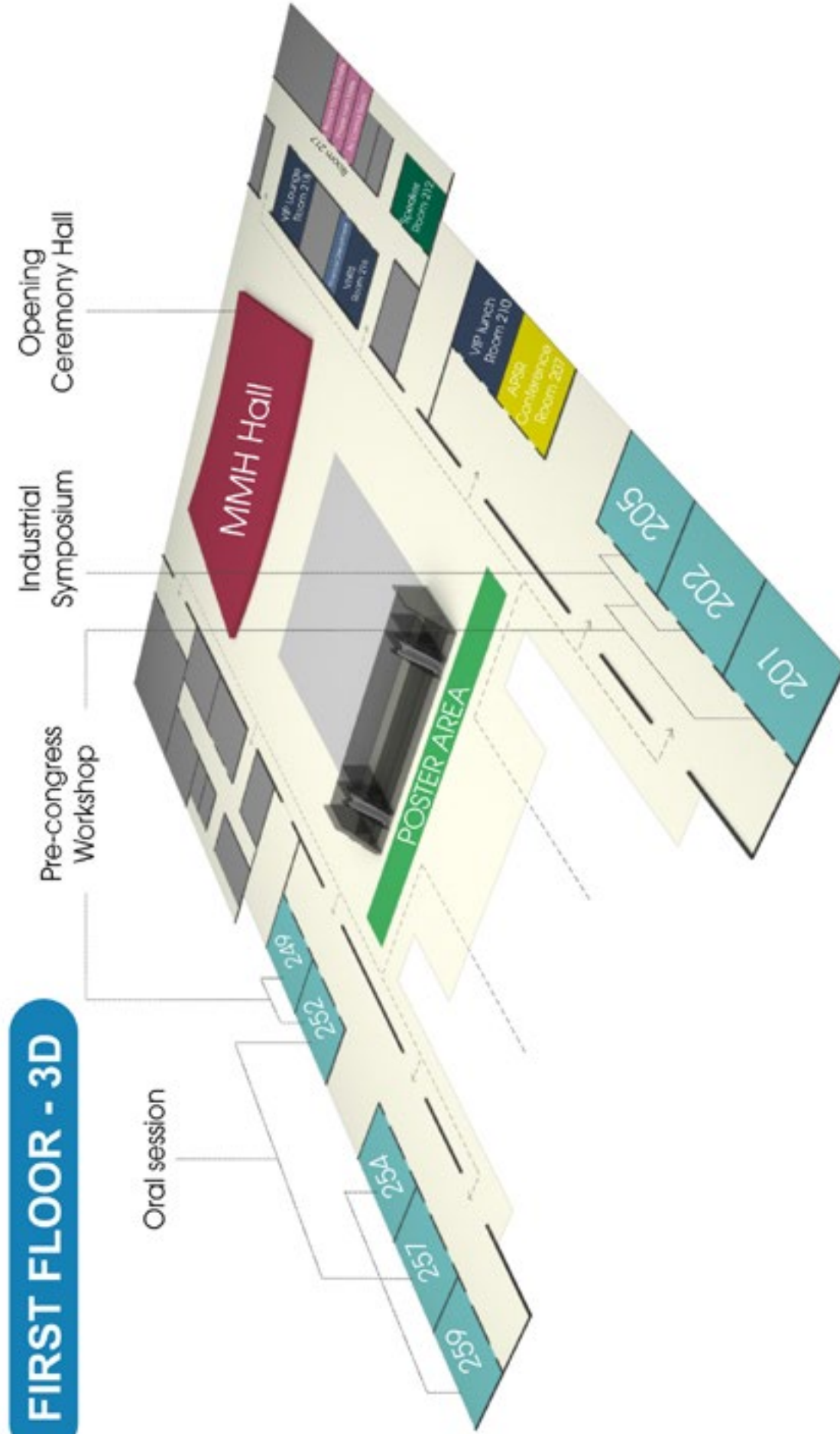


## APSR 2019 - Exhibition Plan 1st Floor The National Convention Center





## FIRST FLOOR - 3D





# 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	
	Environmnetal & Occupational Health and Epidemiology	101	
	Respiratory Infections (non-tuberculous)	313	
	COPD	252	
	Asthma	254	
	Respiratory Neurobiology and Sleep	257	
	Critical Care Medicine	259	
Saturday, 16 November	Cell and Molecular Biology	State Room 2	17:30-19:00
	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

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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	Lunch symposium (OEP): Small airways: Unveiling of a hidden world
		Sunday 11:00-11:30	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

 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?
		Saturday 10:00-10:30	Symposium 19: Respiratory Structure and Function 2 - Defining COPD beyond FEV1 and Symptoms
 Eric Bateman	UCT Lung Institute, Cape Town, SOUTH AFRICA	Sunday 10:00-10:30	Symposium 33: Asthma 3
 Eva Carmona Porquera	Mayo Clinic, Rochester, UNITED STATES	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













 Georgios Kitsios	Division of Pulmonary, Allergy and Critical Care Medicine, UPMC Hospital, UNITED STATES	Sunday 11:30-12:00	Symposium 36: Critical care medicine 2 – Ventilator – associated pneumonia management in the era of antibiotic resistance
		Sunday 12:00-12:30	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	Pre-Congress Workshop 3: Imaging studies for respiratory disease: Pleural Ultrasound
		Friday 12:00-12:30	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	Lunch symposium (Daiichi Sankyo): Challenging for Treatment of CAP
		Sunday 11:00-11:30	Symposium 36: Critical care medicine 2 – Ventilator – associated pneumonia management in the era of antibiotic resistance
		Sunday 11:30-12:00	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

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






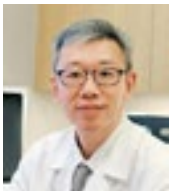


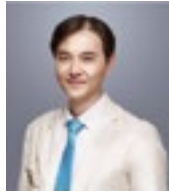




 Marc Miravittles	University Hospital Vall d'Hebron, SPAIN	Thursday 12:15-12:35	Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation
		Friday 12:40-13:10	Lunch Symposium (Novartis): Optimization COPD management in clinical practice
		Friday 16:00-16:30	Symposium 15: COPD 2 – Personalised 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 1 - 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

 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 1 - 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 1 – 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
 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

 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






 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

 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









 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  Friday 16:00-16:30  Saturday 09:00-09:30	Plenary lecture 1  Symposium 13: Lung Cancer 1 – Diagnosis and treatment of lung cancer  Symposium 20: Lung cancer 2
 Ki-Suck Jung	Hallym University Sacred Heart Hospital, KOREA	Friday 09:30-10:00  Sunday 12:00- 12:30	Symposium 4: Respiratory infections (non – tuberculosis) 1  Symposium 37: Respiratory Infections (non-tuberculous) 2
 Le Khac Bao	Gia Dinh People's Hospital, VIETNAM	Thursday 11:55-12:15  Friday 10:00-10:30	Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation  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


 Le Thi Tuyet Lan	Ho Chi Minh City Medicine and Pharmacy University, VIETNAM	Thursday 09:15-09:30  Thursday 10:20-11:00  Thursday 11:50-11:55  Thursday 14:30-15:00 15:30- 17:00  Friday 16:00- 16:30  Saturday 12:30-12:35 13:55- 14:00	Pre-Congress Workshop 6: Pulmonary function testing: From theory to clinical practice 1  Pre-Congress Workshop 1: Asthma Diagnosis treatment monitoring part 1: Interpretation of bio-makers in asthma  Lunch Symposium (Novartis): Tailored approach in COPD treatment escalation  Pre-Congress Workshop 1: Asthma – practical skills: inhaler devices and technique  Symposium 14: Asthma 1 - New asthma treatment: finding value for money  Lunch Symposium (Boehringer Ingelheim): Putting COPD patient needs first: Time for optimising treatment and device selection
 Le Thuong Vu	Cho Ray hospital, VIETNAM	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)








 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  Sunday 11:00 - 11:30	Symposium 8: Thoracic Imaging  Symposium 37: Respiratory Infections (non- tuberculous) 3

 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 management 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	Friday 09:00-09:30	Symposium 3: Respiratory Structure and Function I – Mechanisms of non-reversible airflow obstruction in asthma
 Pham Hong Nhung	Medical Microbiology Dept., Hanoi Medical University, VIETNAM	Friday 09:00-09:30	Symposium 4: Respiratory Infections (non-tuberculous) I





 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

 Rodolfo Roman T. Bigornia	Chonghua Hospital, PHILIPINES	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





 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  Friday 12:35-13:05  Saturday 11:30-12:00  Saturday 12:45 - 13:05	Pre-Congress Workshop 2: Bronchoscopy and Interventional Techniques – The role of Interventional Pulmonologist in Lung Cancer part I  Lunch symposium (AstraZeneca): How to better diagnose and treat your COPD patients?  Symposium 24: Bronchoscopy and Interventional Pulmonology – Advances in Interventional Pulmonology  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

 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 – AmbulatoryMonitoring for Respiratory Function Assessment
 Yu-Lung LAU	The University of Hong Kong, HONG KONG	Saturday 10:00-10:30  Saturday 11:30- 12:00	Symposium 21: Paediatric lungs diseases  Symposium 23: Clinical allergy and immunology - Current topics in allergy and airway inflammation



# YOUNG INVESTIGATOR AWARDS

APSR - ERS YOUNG INVESTIGATOR AWARD	
	<p><b>Dr. Supraja Kalyanaraman</b> The Madras Medical Mission, Chennai, India</p> <p><b>Presentation:</b> Time to event analysis of VAP in patients undergoing cardiac surgery</p>
	<p><b>Dr. Hana Khairina Putri Faisal</b> Natural Science Center for Basic Research and Development, Hiroshima University, Hiroshima, Japan</p> <p><b>Presentation:</b> Cell-free DNA as prognostic factor in lung adenocarcinoma</p>
APSR - ATS YOUNG INVESTIGATOR AWARD	
	<p><b>Dr. Georgios Kitsios</b> Division of Pulmonary, Allergy and Critical Care Medicine, UPMC Hospital, USA</p> <p><b>Presentation:</b></p> <ul style="list-style-type: none"> <li>• How to deescalate and stop antibiotics</li> <li>• Prevention and treatment of VAP</li> </ul>
	<p><b>Dr. Eva M. Carmona Porquera</b> Mayo Clinic, Rochester, USA</p> <p><b>Presentation:</b></p> <ul style="list-style-type: none"> <li>• Diagnosis and treatment of invasive pulmonary aspergillosis</li> <li>• Update on treatment of fungal infection in immunocompromised patients</li> </ul>
APSR - TSANZ YOUNG INVESTIGATOR AWARD	
	<p><b>Dr. Jesse Armitage</b> School of Biomedical Sciences, University of Western Australia Institute for respiratory health, Sir Charles Gardiner Hospital, Perth, West Australia</p> <p><b>Presentation:</b> 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	
	<p><b>Dr. Carlos Aravena Leon</b> Cleveland Clinic Foundation</p> <p><b>Presentation:</b> Early outcomes with 3D printing and airway stents</p>
APSR - JRS YOUNG INVESTIGATOR AWARD	
	<p><b>Dr. Naoyuki Kuse</b> Department of Respiratory Medicine, Japanese Red Cross Medical Center, Tokyo, Japan</p> <p><b>Presentation:</b> 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><b>Dr. Keiji Oishi</b> Department of Medicine and Clinical Science, Graduate School of Medicine, Yamaguchi, Ube, Japan</p> <p><b>Presentation:</b> Imaging biomarkers of the small airways disease in asthmatics</p>
	<p><b>Dr. Koichi Yamaguchi</b> Department of Allergy and Respiratory Medicine, Gunma University Graduate School of Medicine, Maebashi, Japan</p> <p><b>Presentation:</b> 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

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



# FRIDAY 15 NOVEMBER

PROGRAM AT A GLANCE

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	
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- 17:00 Poster session 2 (Poster Area)
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	
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	APSR ASSEMBLY MEETINGS								



# SATURDAY 16 NOVEMBER

PROGRAM AT A GLANCE

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

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





**PROGRAM**

**THURSDAY**

**14**

**NOVEMBER**



TAM COC, Ninh Binh

# THURSDAY 14 NOVEMBER

## DETAILED PROGRAM

9:00 - 17:00	<b>Pre-congress Workshop I</b>	<b>Room: 201</b>
	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	<b>Lunch break</b>	<b>Room: 313</b>
	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	<b>China Day at APSR</b>	<b>Room: 257</b>
	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 $\beta$ 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	<b>Lunch break</b>	<b>Room 313</b>





9:00 - 16:30	<b>Pre-congress Workshop 2</b>	<b>Room: 202</b>
	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	<b>Lunch break</b>	<b>Room: 313</b>
	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	<b>Pre-congress Workshop 3</b>	<b>Room: 205</b>
	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	<b>Lunch break</b>	<b>Room: 313</b>



	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	<b>Pre-congress Workshop 4</b>	<b>Room: 249</b>
	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	<b>Lunch break</b>	<b>Room: 313</b>
13:00 - 17:00	<b>Pre-congress Workshop 5</b>	<b>Room: 249</b>
	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)





9:00 - 17:00	<b>Pre-congress Workshop 6</b>	<b>Room: 252</b>
	Title: Pulmonary function testing: From theory to clinical practice I 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	<b>Lunch break</b>	<b>Room: 313</b>
	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	<b>LUNCH SYMPOSIUM</b> Sponsored by Novartis	<b>Room: 313</b>
	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	<b>APSR Annual General Meeting (AGM)</b>	<b>Room: 207</b>
17:00 - 17:30	<b>Ribbon cutting ceremony for exhibition</b>	<b>Ground floor</b>
17:30 - 18:30	<b>Opening Ceremony</b>	<b>MMH Room</b>
19:00 - 21:00	<b>Welcome Reception</b>	<b>Room: 101</b>







PROGRAM

FRIDAY

15

NOVEMBER

SON DOONG Cave, Quang Binh



# FRIDAY 15 NOVEMBER

## DETAILED PROGRAM

<b>08:00-09:00</b>	<b>Plenary lecture 1</b>	<b>State Room 2</b>
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)
<b>09:00-10:30</b>	<b>Symposium 1</b>	<b>State Room 2</b>
	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)
<b>09:00-10:30</b>	<b>Symposium 2</b>	<b>State Room 1</b>
	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)
<b>09:00-10:30</b>	<b>Symposium 3</b>	<b>Room: 101</b>
	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)
<b>09:00-10:30</b>	<b>Symposium 4</b>	<b>Room: 313</b>
	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)

<b>9:00 - 10:10</b>	<b>Oral session 1</b>	<b>Room: 252</b>
	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

<b>9:00 - 10:20</b>	<b>Oral session 2</b>	<b>Room: 254</b>
	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



9:20 - 9:30	Evaluation of asthma characteristics in severe and extremely severe COPD	<b>Feng-jia Chen</b> , 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	<b>Hye Yun Park</b> , 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, <b>Hyun kyu Cho</b> , 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).	<b>Ibrahim Salaheldin Ibrahim</b> , 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	<b>Yuandi Wang</b> , 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	<b>Zhe Zhang</b> , Yuandi Wang, Zhenyu Liang, Yuqiong Yang, Qiasheng Li, Yijun Chen, Wenhua Jian, Jinping Zheng Abstract No. AO234

<b>9:00 – 10:20 Oral session 3</b>		<b>Room: 257</b>
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	<b>Luan Van Pham</b> , 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, <b>Bach Quoc Tuan</b> 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	<b>Carla Emille Barbon</b> , Sandy Maganito, Rich Ericson King, Roland Reuben Angeles, Manuel Peter Jorge II Abstract No. AO020



9:30 - 9:40	Prevalence of latent tuberculosis infection among patients with lung cancer	<b>Chisato Kamimaki</b> , 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, <b>Shuanshuan Xie</b> , Changhui Wang Abstract No. AO02
9:50 - 10:00	Role of Surgery in Patients with Early Stage Small-Cell Lung Cancer	Guoshu Li, <b>Shuanshuan Xie</b> , 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	<b>Herman Herman</b> , 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	<b>Ian Gordon Sarno</b> , Henry Marshall, Katrina Hopcraft Abstract No. AO026

<b>9:00 – 10:00 Oral session 4</b>		<b>Room: 259</b>
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	<b>Gihani Jayaweera</b> , Savithri Wimalasekera, Sampatha Goonewardena Abstract No. AO029
9:10 - 9:20	Role of ZC3H4 in silica-induced pulmonary fibrosis	<b>Hammad Ghafoor</b> , 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	<b>Indi Esha</b> , Zarfiardy Aksa Fauzi Abstract No. AO031
9:30 - 9:40	Stay indoors to avoid exposure to high-density fine particulates	<b>Jaechun Jason Lee</b> , 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	<b>Jun Pyo Myong</b> , Jae Seung Song, Sung Won Han Abstract No. AO033
9:50 - 10:00	Investigation of silicosis caused by agglomerated quartz stone processing dust	<b>Ling Mao</b> , 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	<b>Symposium 5</b>	<b>State Room 2</b>
	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	<b>Symposium 6</b>	<b>State Room 1</b>
	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	<b>Symposium 7</b>	<b>Room: 101</b>
	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	<b>Symposium 8</b>	<b>Room: 313</b>
	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	<b>Oral session 5</b>	<b>Room: 252</b>
	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

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	<b>Oral session 6</b>	<b>Room: 254</b>
	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



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
<b>11:00-11:50 Oral session 7 Room: 257</b>		
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
<b>11:00-12:10 Oral session 8 Room: 259</b>		
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, Mailyn Capeña Gonzalez, Wivina Lopez Bancoro, Jacob C. Viniegas Abstract No. AO059



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	<b>POSTER SESSION I (Poster Area)</b>	
12:30-14:00	<b>LUNCH SYMPOSIUM</b>	
12:30-14:00	<b>LUNCH SYMPOSIUM</b> Sponsored by AstraZeneca	<b>State Room 1</b>
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	<b>LUNCH SYMPOSIUM</b> Sponsored by Boehringer Ingelheim	<b>State Room 2</b>
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	<b>LUNCH SYMPOSIUM</b> Sponsored by Novartis	<b>Room: 313</b>
Title: Optimization COPD management in clinical practice		
Chair: Nguyen Viet Nhung		



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

12:30-14:00	<b>LUNCH SYMPOSIUM</b> Sponsored by GSK	<b>Room: 101</b>
	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 Ascoglu
13:25-13:45	Discussion and Closing	Nguyen Van Thanh (Vietnam)

14:00-15:30	<b>Symposium 9</b>	<b>State Room 2</b>
	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)

14:00-15:30	<b>Symposium 10</b>	<b>State Room 1</b>
	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)

14:00-15:30	<b>Symposium 11</b>	<b>Room: 101</b>
	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)

14:00-14:40	<b>Symposium 12</b>	<b>Room: 313</b>
	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) - APSR ERS Young Investigator Award
14:10 - 14:20	Cell-free DNA as prognostic factor in lung adenocarci-noma	Hana Khairina Putri Faisal (Indonesia) - APSR ERS Young Investigator Award
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) - APSR TSANZ Young Investigator Award
14:30 - 14:40	Early outcomes with 3D printing and airway stents	Carlos Aravena Leon (USA) - APSR CHEST Young Investigator Award

14:00-15:10	<b>Oral session 9</b>	<b>Room: 252</b>
	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 Fukushima, Shigefumi Yokota, Kotaro Takeda, Jiro Terada, Yasumasa Okada Abstract No. AO070





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

14:00-15:30	<b>Oral session 10</b>	<b>Room: 254</b>
	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 Don-ishi, 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 Bhu-shan 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 Shiino-ki, 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



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

14:00-15:10	<b>Oral session 11</b>	<b>Room: 257</b>
	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 Paliawadana, 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-Warnng 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



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	<b>Oral session 12</b>	<b>Room: 259</b>
	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



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	<b>COFFEE BREAK</b>	<b>Ground Floor</b>
16:00-17:30	<b>Symposium 13</b>	<b>State Room 2</b>
	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	<b>Symposium 14</b>	<b>State Room 1</b>
	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	<b>Symposium 15</b>	<b>Room: 101</b>
	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 <b>Symposium 16</b>		<b>Room: 313</b>
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 <b>Oral session 13</b>		<b>Room: 252</b>
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

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 Agustine 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 <b>Oral session 14</b>		<b>Room: 254</b>
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





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 <b>Oral session 15</b>		<b>Room: 257</b>
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



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
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16:00-16:50 <b>Oral session 16</b>		<b>Room: 259</b>
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	<b>POSTER SESSION 2 (Poster Area)</b>
17:30 - 19:00	<b>APSR ASSEMBLY MEETINGS</b>





PROGRAM  
SATURDAY  
**16**  
NOVEMBER



HUE City



# FRIDAY 16 NOVEMBER

## DETAILED PROGRAM

08:00-09:00	<b>Plenary lecture 2</b>	<b>State Room 2</b>
	Title: Plenary Lecture 2 - Harasawa Memorial Lecture - Paradigm Shift of Management on Pulmonary Fibrosis	Arata Azuma (Japan)
09:00-10:30	<b>Symposium 17</b>	<b>State Room 2</b>
	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	<b>Symposium 18</b>	<b>State Room 1</b>
	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	<b>Symposium 19</b>	<b>Room: 101</b>
	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	<b>Symposium 20</b>	<b>Room: 313</b>
	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	<b>Symposium 21</b>	<b>Room: 252</b>
	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)

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	<b>Oral session 17</b>	<b>Room: 254</b>
	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 Chandiok, 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	<b>Oral session 18</b>	<b>Room: 257</b>
	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



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	<b>Oral session 19</b>	<b>Room: 259</b>
	Title: Clinical Allergy and Immunology	
	Chairs: Yasuhiro Gon and Atsuhito Nakao	
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



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	<b>Symposium 22</b>	<b>State Room 2</b>
	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	<b>Symposium 23</b>	<b>State Room 1</b>
	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	<b>Symposium 24</b>	<b>Room: 101</b>
	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	<b>Symposium 25</b>	<b>Room: 313</b>
	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	<b>Oral session 20</b>	<b>Room: 252</b>
	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, Jyun 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	<b>Oral session 21</b>	<b>Room: 254</b>
	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

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	<b>Oral session 22</b>	<b>Room: 257</b>
	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



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

11:00-12:00	<b>Oral session 23</b>	<b>Room: 259</b>
	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 Vijeitheran, 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



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

### 9:00-12:00 POSTER SESSION 3 (Poster Area)

12:30 - 14:00	<b>LUNCH SYMPOSIUM</b> Sponsored by AstraZeneca	<b>State Room 1</b>
	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	<b>LUNCH SYMPOSIUM</b> Sponsored by Boehringer Ingelheim	<b>State Room 2</b>
	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





12:30 - 13:55	<b>LUNCH SYMPOSIUM</b> Sponsored by GSK	<b>Room 313</b>
	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 Ascoglu, Nguyen Tien Dung
12:30 - 13:55	<b>LUNCH SYMPOSIUM</b> Sponsored by Biofire diagnostics	<b>Room 101</b>
	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	<b>LUNCH SYMPOSIUM</b> Sponsored by Daiichi Sankyo	<b>Room 252</b>
	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	<b>LUNCH SYMPOSIUM</b> Sponsored by JCAA	<b>Room 205</b>
	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	<b>LUNCH SYMPOSIUM</b> Sponsored by Orient EuroPharma	<b>Room 202</b>
	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	<b>Symposium 26</b>	<b>State Room 2</b>
	Title: COPD 3 Chairs: Dave Singh and Chin Kook Rhee	

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)

14:00-15:30	<b>Symposium 27</b>	<b>State Room 1</b>
	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)

14:00-15:30	<b>Symposium 28</b>	<b>Room: 313</b>
	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)

14:00 - 15:30	<b>Oral session 24</b>	<b>Room 101</b>
	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



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, Huong Thi Minh 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 Weerasekera Abstract No. AO195
15:20-15:30	Community acquired pneumonia (CAP) in children: Value driven care initiative, ministry of health, Singapore	Biju Thomas, Arun Pugalenth, 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 <b>Oral session 25</b>		<b>Room 252</b>
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-I (STCI) which modulate epigenetic regulation and oxidative stress	Shinya Ohkouchi, Masahiko Kanehira, Hajime Kurosawa, Yoshinori Okada Abstract No. AO199



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 <b>Oral session 26</b>		<b>Room 254</b>
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 <b>Oral session 27</b>		<b>Room 257</b>
	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 <b>Oral session 28</b>		<b>Room 259</b>
	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 I	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 <b>Symposium 29</b>		<b>State Room 2</b>
	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 <b>Symposium 30</b>		<b>State Room 1</b>
	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 <b>Symposium 31</b>		<b>Room: 101</b>
	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 <b>Symposium 32</b>		<b>Room: 313</b>
	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 <b>Oral session 29</b>		<b>Room 252</b>
	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



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

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 inbuild 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

**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



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	<b>Plenary Lecture 3</b>	<b>State Room 2</b>
	Title: Woolcock Memorial Lecture - Individualised Management for Asthma – How far have we come?	Vanessa M. McDonald (Australia)
9:00-10:30	<b>Symposium 33</b>	<b>State Room 2</b>
	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	<b>Symposium 34</b>	<b>State Room 1</b>
	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	<b>Symposium 35</b>	<b>Room 205</b>
	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	<b>Oral session 32</b>	<b>Room 202</b>
	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

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	<b>Oral session 33</b>	<b>Room 252</b>
	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	<b>Oral session 34</b>	<b>Room 254</b>
	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 Paliawadene, 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 cavitary pulmonary rheumatoid nodules with intravavitary mycetoma	Dawpadee Lochana Dharmasena, Harshana Bandara, Saman Kularatne, Wickramasingha Sugeesha, Tissera Thanuja Abstract No. AL0028



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	<b>Oral session 35</b>	<b>Room 257</b>
	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**

11:00-12:30	<b>Symposium 36</b>	<b>State Room 2</b>
	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)
11:00-12:30	<b>Symposium 37</b>	<b>State Room 1</b>
	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)
11:00-12:30	<b>Symposium 38</b>	<b>Room 205</b>
	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)
11:00 - 12:10	<b>Oral session 36</b>	<b>Room 202</b>
	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





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'I, 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

<b>11:00 - 12:00 Oral session 37</b>		<b>Room 252</b>
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, Prasenohadi Abstract No. AO027



<b>11:00-11:40 Oral session 38</b>		<b>Room 254</b>
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

<b>12:30-13:00 Closing Ceremony</b>	<b>State Room 2</b>
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# 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 15 <sup>th</sup> , 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 16 <sup>th</sup> , 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

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
<b>Asthma</b> Chair: Peter Gibson			
Social demographics and clinical characteristics of adult asthma admissions to critical care unit in an urban teaching hospital	<b>Boon Hau Ng</b> , 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, <b>Juliy M. Perelman</b> , 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, <b>Juliy M. Perelman</b>	AP004	2A
Application of extrafine beclomethasone/formoterol to achieve asthma control in patients with cold and/or osmotic airway hyperresponsiveness	<b>Juliy M. Perelman</b> , 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.	<b>Takashi Tachiwada</b> , 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	<b>WAD Lakmali Amarasiri</b> , A Rajitha Wickramasinghe, Amitha G Fernando, Kirithi D Gunasekera	AP007	3B
Analysis of clinical effects of mepolizumab in patients with severe eosinophilic asthma: A single institutional study	<b>Masafumi Yamaguchi</b> , 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	<b>Teo Ai Huay</b> , Teoh Oon Hoe, Biju Thomas, Arun kumar Pugalenth, 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	<b>Teo Ai Huay</b> , Teoh Oon Hoe, Biju Thomas, Arun kumar Pugalenth, Chiang Andrea, Lee Guan Tain, Tan Soh Yan, Hoon Mary	AP012	5A
Foreign body of the airway triggering severe asthma exacerbation	<b>Son Bao Vu</b> , Tuan Anh Tran	AP028	51A

Paper title	Author(s)	Board #	Position
<b>Bronchoscopy and Interventional techniques</b> Chair: Vu Van Giap			
Treatment of pulmonary giant bulla by bronchoscopy using one-way endobronchial valve. A case report	<b>Hoang Anh Duc</b> , Ngo Quy Chau, Vu Van Giap, Le Hoan	AP034	5B
A case of hemoptysis due to bronchial varices treated with variceal sclerotherapy	<b>Tadashi Sakaguchi</b> , 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	<b>Tanawat Tengsirikomol</b> , Viboon Boonsarngsuk	AP037	6B
Bronchoscopic cryotherapy as a bridging therapy in the management of endobronchial mucoepidermoid carcinoma	<b>May Crystel Cuevas Rago</b> , 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	<b>Bernadette Meifel Joyce Dacuycuy Madamba</b> , Joven Roque Gonong	AP039	7B
Risk factors for predicting the hypoxia in patients with sedation during bronchoscopy	<b>Ji Soo Choi</b> , 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	<b>Katsuhiro Inoue</b> , Atsushi Shimauchi, Ritsu Ibusuki, Takafumi Kayukawa, Daisuke Etou, Yuuki Okamatsu, Kazuya Tsubouchi, Taishi Harada	AP042	8B
Endobronchial hamartoma a case report	<b>Monica Kristine Lin Madera-Roberts</b> , Czarina Mora, Randy Joseph Castillo	AP045	9A
<b>Cell and molecular biology</b> Chair: Chul Guy Yoo			
Fatty acids metabolism of leukocytes in Asthma-COPD overlap syndrome	<b>Yulia Denisenko</b> , Tatyana Novgorodtseva, Marina Antonyuk	AP074	9B
Comparative characteristics of fatty acid composition of blood plasma and erythrocytes in chronic respiratory diseases	Tatyana Novgorodtseva, <b>Yulia Denisenko</b> , Tatyana Gvozdenko, Vera Knysheva	AP075	10A
Cytokine response and CD14+CD282+ cells in non-smokers with chronic obstructive pulmonary disease	Tatyana Vitkina, <b>Karolina Sidletskaya</b> , 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, <b>Karolina Sidletskaya</b>	AP077	11A



Paper title	Author(s)	Board #	Position
Plasma plasmalogen levels in asthma associated with obesity	<b>Yulia Denisenko</b> , 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	<b>Hong Liu</b> , Matthew Macowan, Judith Morton, Sally Chapman, Emily Hopkins, Suzanne Maiolo, Hai Bac Tran, Greg Hodge, Sandra Hodge	AP079	12A
<b>Clinical respiratory medicine</b> 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, <b>Inn Shih Khor</b> ,	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	<b>Ho Cheol Kim</b> , Ju-young Kim, Tae Hoon Kim	AP095	13A
Airflow obstruction in bronchiectasis: the association between the types of bronchiectasis and pulmonary function tests	<b>Ronald Palma</b> , Ma Encarnita Limpin, Teresita De Guia	AP096	13B
Case Study: 43-Year-Old Male Presents with pertussis (Whooping cough)	Nguyen Hai Anh, <b>Nguyen Thi Hong</b>	AP097	14A
A prospective survival analysis of nursing and healthcare associated pneumonia	<b>Kenji Umeki</b> , 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 <sub>2</sub> measured by pulse oxi-capnometer 'Capnoeye' with PaCO <sub>2</sub> in patients with respiratory diseases: A retrospective study in a chest medical center	<b>Yuji Inagaki</b> , 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	<b>Khine Khine Yin Mon</b> , 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	<b>Chia Ling Chang</b> , Wen Lan Wu	AP104	16A
The unfortunate event: an acute massive pulmonary embolism following a myocardial infarction.	<b>Nor Suraya Samsudin</b> , Nurul Yaqeen Mohd Esa, Aisya Natasya Musa, Mohd Arif Mohd Zim	AP107	16B



Paper title	Author(s)	Board #	Position
Clinical characteristics of patients diagnosed with airflow obstruction by using fixed ratio and lower limit of normal of FEV <sub>1</sub> /FVC	<b>Thanh Hai Ngo Nguyen</b> , Bao Khac Le, Duc Hong Nguyen	API08	17A
A multi-center survey on long-term oxygen therapy with chronic lung disease in south Korea	<b>Hyo Jin Kim</b> , 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, <b>Ng Boon Hau</b>	API10	18A
<b>COPD</b> Chair: Nguyen Nhu Vinh			
Evaluating the effectiveness of therapeutic intervention counselling in patients with chronic obstructive pulmonary disease in Nghe An province	<b>Huy Nhat Le</b> , Hanh Thi Chu	API32	18B
Optimise resources enable better management of patients afflicted with chronic obstructive pulmonary disorder (COPD) in hospital	<b>Wong Wai Mun</b> , Shereen Chueen Yee	API34	19A
Effects of vitamin C on the severity of chronic obstructive lung disease in never smokers	<b>Haesoo Jeon</b> , Taeyun Kim, Hyunji Choi, Jehun Kim	API35	19B
Acute exacerbation of chronic obstructive pulmonary disease (COPD) or pneumonia in COPD: Should they be differentiated?	<b>Vu Thuong Le</b>	API38	20B
Home non-invasive ventilation for a patient after acute exacerbation of COPD	<b>Vu Thuong Le</b>	API39	21A
Acute exacerbation (AE) of chronic obstructive pulmonary disease (COPD): assessment of severity	<b>Vu Thuong Le</b>	API40	21B
Fixed airway obstruction (FAO) may be redefined in COPD according to exacerbation	<b>So-Young Park</b> , Sung Ok Kwon, Kwang Ha Yoo	API41	22A
Dose-escalation strategy to increase adherence to roflumilast in Asian patients with COPD	<b>Sei Won Lee</b> , 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	<b>Mengzhen Cheng</b> , Dongni Hou, Cuicui Chen, Yuanlin Song	API45	23A
Obstruction post bronchodilator in pulmonary function test: are they COPD?	<b>Ling-Ling Chou</b>	API46	23B





Paper title	Author(s)	Board #	Position
Isoflavone aglycones attenuate cigarette smoke-induced emphysema via suppression of neutrophilic inflammation in a COPD murine model	<b>Kazuya Kojima</b> , Kazuhisa Asai, Arata Sugitani, Hiroaki Kubo, Kazuhiro Yamada, Naoki Ijiri, Tetsuya Watanabe, Kazuto Hirata, Tomoya Kawaguchi	AP147	24A
LNCrRNA neat1 regulates il-6 and il-8 mRNA expression in lung epithelial cells stimulated by cigarette smoke	<b>Naoki Ijiri</b> , 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	<b>Jubilette Windy Hutabarat</b> , Nuryunita Nainggolan, Amira Permatasari Tarigan, Putri Eyanoer	AP149	25A
Serum CC-16 level between bronchiectasis and chronic obstructive pulmonary disease patients	<b>Jee Youn Oh</b> , 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	<b>Molina Khairunnisya Simatupang</b> , Amira Permatasari Tarigan, Pandiaman Pandia, Putri Chariani Eyanoer	AP152	26A
<b>Critical care medicine</b> Chair: Do Quyet			
Neurogenic pulmonary edema masquerading as diffuse alveolar hemorrhage	<b>Praveen Radhakrishnan</b> , Yuvarajan S, Antonious Maria Selvam, Kamal Bharathi	AP199	27A
Bilateral pneumothorax and acute respiratory failure in an adult diagnosed with PCP	<b>James Caguioa Omaña</b>	AP200	27B
Pembrolizumab-related fatal myocarditis - a case report	<b>Linh Hue Vu</b> , Bennett Courtney	AP201	28A
Emergence of ralstonia picketti in critically ill patients - innocent bystander or potential threat?	<b>Marian Dimabuyu</b> , Suzanne Santos	AP202	28B
Use of High Flow Nasal Cannula (HFNC) in smoke inhalation injury	<b>Marian Dimabuyu</b> , 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	<b>Jonghoo Lee</b> , Jae-Uk Song,	AP204	29B



Paper title	Author(s)	Board #	Position
Prognostic factors of ARDS in dermatomyositis and polymyositis patient associated ILD	<b>Sung Jun Chung</b> , 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, <b>Akin Kaya</b>	AP207	30B
<b>Lung cancer</b> Chair: Digambar Behera			
Clinical, paraclinical characteristics and histopathology classification of lung adenocarcinoma by IASLC/ATS/ERS 2011	<b>Tinh Van Nguyen</b> , 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	<b>Tinh Van Nguyen</b> , 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, <b>Seung Hoon Kim</b>	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	<b>Sungheon Song</b> , 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	<b>Ji Young Park</b> , 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	<b>Michitaka Kimura</b> , Takashi Tojo, Takeru Hyakutake	AP296	33B
A case of a rapidly growing intrathoracic chest wall type lipoma: resected by video-assisted thoracoscopic surgery	<b>Kazuki Ito</b> , Takaharu Kiribayashi, Hironobu Nishimuta, Osahiko Hagiwara, Toru Niitsuma, Kei Takahashi, Yoshihisa Saida	AP297	34A
Rare case of lung adenocarcinoma presenting as lung abscess	<b>Prasanjanie Anuruddhika Jayasinghe</b> , Ruwanthi Jayasekara, Afla Sadikeen, Amitha Fernando	AP298	34B
Immune histochemistry profiles and other cancer associations among lung neoplasms diagnosed at a tertiary care unit in Sri Lanka	<b>Vipula R Bataduwaarachchi</b> , Ravini D S Karunathilake, Roshana Constantine, Kirthi Gunasekara	AP300	35A



Paper title	Author(s)	Board #	Position
A case of pulmonary pleomorphic carcinoma with effective radiotherapy	<b>Isana Katayama</b> , Kenichi Obata, Noriko Hayama, Yuichiro Honma, Yuichiro Itoigawa, Mitsuhiro Fujii	AP301	35B
<b>Pulmonary circulation</b> 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	<b>Doi Quang Nguyen</b> , Thai Hong Hoang, Hanh Thi Chu, Ngo Quy Chau	AP374	36A
Prevalence and risk factors of pulmonary embolism in chronic obstructive pulmonary disease exacerbations	<b>Doi Quang Nguyen</b> , 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	<b>Yosuke Tanaka</b> , 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	<b>Aisya Natasya Musa</b> , 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.	<b>Andrea Ban</b> , Hema Munusamy, Chun Ian Soo, Boon Hau Ng, Mohamed Faisal Abdul Hamid, Yazmin yaacob, Azira Ahmad Kamil, rose azzlinda Osman	AP379	38A
Emboic burden score and risk of death in patients with acute pulmonary embolism	<b>Dae Sung Hyun</b> , Chi Young Jung	AP380	38B
A case of pulmonary arteriovenous fistula without hereditary hemorrhagic telangiectasia in a young male with secondary erythrocytosis	<b>Mithi Kalayaan Solis Zamora</b>	AP381	39A
Clinical characteristics of borderline pulmonary hypertension -retrospective single center analysis	<b>Takashi Yoshida</b> , 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	<b>Myung Sook Kim</b> , Jinsoo Min, Yeonhee Park, Ji Won Park, Seungsoo Kim	AP383	40A
A rare case of pulmonary hemangioma	<b>Aulia Rahman</b> , Indra Yovi	AP384	40B

Paper title	Author(s)	Board #	Position
A rare case of congenital absence of left pulmonary artery presenting in late adulthood	<b>Jason Martin Dsouza</b> , Yeong Shyan Lee, Chuen Peng Lee, John Arputhan Abisheganaden, Geak Poh Tan	AP385	41A
<b>Respiratory infections (non-tuberculous)</b> Chair: Dao Xuan Co			
Additional diagnostic value of chest computed tomography in patients with pneumonia.	<b>Takuto Sueyasu</b> , 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	<b>Robert Shan Fon Tsai</b> , Shew Meei Sheu	AP388	42A
Diagnosis of Invasive Pulmonary Aspergillosis in Immunocompromised Hosts by Next Generation Sequencing	Donghui Zhang, Dongni Hou, <b>Yuye Zhang</b>	AP389	42B
The use of inappropriate antibiotics in patients admitted to intensive care units with nursing home-acquired pneumonia at a Korean teaching hospital	<b>Hyung Koo Kang</b> , 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	<b>Hou Chien</b> , 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, <b>Victor P. Kolosov</b> , Andrey P. Milovanov, Leonid G. Nakhamchen, Irina A. Andrievskaya, Inna V. Dovzikova, Natalia A. Ishutina	AP393	44A
Endothelin-I content in pregnant women with chronic simple bronchitis associated with cytomegalovirus infection	Igor N. Gorikov, Andrey P. Milovanov, <b>Victor P. Kolosov</b> , 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	<b>Yunfeng Shi</b> , 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	<b>Yunfeng Shi</b> , XiaoHan Shi, JunHui Ba, JianNing Chen, JinMei Luo, BenQuan Wu	AP397	45B



Paper title	Author(s)	Board #	Position
<b>Tuberculosis</b> Chair: Ann Wi			
Simultaneous coexistence of malignancy and tuberculosis – a Sri Lankan experience	<b>Dilanka Tilakaratne</b> , Shehani Balasooriya, Eshanth Perera	AP476	46A
Risk factors of latent tuberculosis among hemodialysis patients with advanced chronic kidney disease	<b>Yusup Subagio Sutanto</b> , Dewi Nurul Makhabah, Astuti Setyawati	AP477	46B
Tuberculous pleurisy mimicking mesothelioma	<b>Saori Nishizawa</b> , 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	<b>Akihiko Goto</b> , Kosaku Komiya, Takamasa Kan, Shuichi Takikawa, Tetsuyuki Yoshimatsu, Jun-ichi Kadota	AP479	47B
Rare disease: tubercular monoarthritis of wrist	<b>Tan Wang Jie</b> , Goon Ai Khang, Lem Li Khen, Irfhan Ali, Umadevi, Fatimah Azmah	AP481	48B
Co-existing tuberculosis and lymphoma in a middle-aged man - a prisoner's misery	<b>Sugeesha Wickramasinghe</b> , 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	<b>Sugeesha Wickramasinghe</b> , Sumudu Paliawadene, 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, <b>Sugeesha Wickramasinghe</b> , Saman Kularatne, Chanaka Ratnayake, Thushara Bandara, Dammika Vidanagama	AP484	50A
Delayed diagnosed pulmonary tuberculosis in pulmonary embolism of ulcerative colitis patient	<b>Yu Jin Kim</b> , 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
<b>Asthma</b> Chair: Phan Thu Phuong			
Adverse events of as-needed inhaled corticosteroid and formoterol versus short acting beta2 agonists in asthma exacerbations: A meta-analysis	<b>Martin Kristoffer Elises Ogbac</b> , Rodolfo V Dizon	AP013	1A
Meta-analysis of real-life studies comparing inhaled corticosteroids with formoterol versus other reliever therapies for asthma control	<b>Martin Kristoffer Elises Ogbac</b> , Rodolfo V Dizon	AP014	1B
Reliever Therapy using Inhaled Corticosteroid and Formoterol versus Short Acting Beta2 Agonist in Chronic Asthmatic Patients: A Meta-Analysis	<b>Martin Kristoffer Elises Ogbac</b> , Rodolfo V Dizon	AP015	2A
Effect of kleinhovia hospita, curcuma xanthorrhiza, nigella sativa ophioccephalus striatus against degrees of asthma control through decrease il-13 in partially controlled asthma patients	<b>Aditya Sri Listyoko</b> , 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, <b>Yulia Denisenko</b>	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, <b>Karolina Sidletskaya</b>	AP019	3B
Breathe easy programme	<b>Vily Law</b> , Vieshal RajaGopal	AP020	4A
Low prevalence of positive bronchodilator response (BDR) in patients referred for bronchodilator study.	<b>Geak Poh Tan</b> , Gin Tsen Chai, Danqing Qi, Chu Ying Gan, John Arputhan Abisheganaden	AP022	4B
<b>Bronchoscopy and interventional techniques</b> 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, <b>WM Wong</b> , CF Wong, KY Sit	AP047	5A





Paper title	Author(s)	Board #	Position
Efficacy of CT-guided drainage for traumatic hemopneumothorax.	<b>Tomoko Kawahara</b> , 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	<b>Onaizah Katrina Gatus Monera</b> , 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.	<b>Naoyuki Kuse</b> , 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	<b>Sayontonee Ghosh</b> , 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.	<b>Masahiro Fujioka</b> , 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.	<b>Nguyen Ngoc Du</b> , Vu Van Giap, Hoang Anh Duc, Dao Ngoc Duc	AP057	8A
Intrathoracic findings of igg4-related disease on thoracoscopy under local anesthesia	<b>Kentaro Tamura</b> , Manabu Suzuki, Satoru Ishii, Eriko Morino, Go Naka, Motoyasu Ikura, Shinyu Izumi, Yuichiro Takeda, Masayuki Hojo, Haruhito Sugiyama	AP058	8B
Efficacy of rapid pleurodesis in malignant pleural effusions: A meta-analysis	<b>Roland Angeles</b> , Blake Warren Ang, Adovich Rivera, Rich King, Joel Santiaguel	AP059	9A
<b>Cell and molecular biology</b> Chair: Nguyen Huy Binh			
Alpha-mangostin inhibits cd4+ t cell and mast cell activation via the ca2+ release activated ca2+ channel	Phan Thi LamHong, <b>Joo Hyun Nam</b>	AP082	9B
Ghrelin attenuates lipopolysaccharide-induced acute lung injury independently of vagus nerve circuit	<b>Hironobu Tsubouchi</b> , Ryota Tanida, Masamitsu Nakazato	AP084	10A

Paper title	Author(s)	Board #	Position
EGFR mutations in tissue samples and related factors in Vietnamese non-small cell lung cancer patients over 60 years old	<b>Hien Thanh Duong</b> , 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	<b>Thang Huu Nguyen</b> , 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, <b>Olesya Kotova</b> , Dina Gassan, Andrey Ilyin, Eugeniya Afanaseva, Elizaveta Sheludko	AP087	11B
<b>Clinical respiratory medicine</b> Chair: Dushantha Madegedara			
Effects of mixture of ivy leaves and coptidis rhizome in patients with chronic bronchitis and/or bronchiectasis	<b>Goohyeon Hong</b> , 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	<b>Deebya Raj Mishra</b> , Narendra Bhatta, Bidesh Bista, Niharika Shah	API14	12B
Benign metastasizing leiomyoma of the lung: A case report	<b>Abdel-Tazer Yusop Mohammad</b> , 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, <b>Juliy M. Perelman</b>	API16	13B
Atypical manifestation of sarcoidosis: isolated sarcoidosis of the tracheal mucosa	Anatoliy V. Lenshin, Andrey V. Il'in, <b>Juliy M. Perelman</b>	API17	14A
Developing a novel mobile wearable tool of measuring real-time respiratory pattern and thoracic motion non-invasively.	<b>Emika Sano</b> , 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	<b>Dushantha Madegedara</b> , Sachini Senevirathna, Asela Bandara, Erandy Kulathunge, Ruwini Silwa, Sajani Dharmadasa, Lihini Basnayake, Samadara Nakandela	API19	15A



Paper title	Author(s)	Board #	Position
A descriptive study on etiology of bronchiectasis in central Sri Lanka	<b>Dushantha Madegedara</b> , 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	<b>Dushantha Madegedara</b> , 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	<b>Dushantha Madegedara</b> , 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	<b>Ed-Marvin Chua Hilario</b> , John Noel Chan	API23	17A
Examination of non-respiratory internal medicine inpatients who consulted a respiratory internal medicine specialist	<b>Hiroyoshi Yamauchi</b> , Naoko Yoshizumi, Noritaka Sakamoto, Tatsuya Saito, Ayumi Uchiyama, Akiko Okuyama, Teruhiro Sano, Ayako Takigami, Koichi Hagiwara	API24	17B
Corticosteroid-induced leukocytosis and delirium	<b>Thu Nguyen Anh Dau</b>	API25	18A
A rare case of spontaneous hemothorax in hemophilia a patient	<b>Suthaphong Trippoom</b> , 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	<b>Florence Tumaca Blanco</b> , Hans Jeremy Rivera Ramos	API27	19A
Personalized integrated care for patients with chronic obstructive pulmonary disease - a case report	<b>Chia-Chen Lin</b> , Yu-Chen Tsai	API29	19B
Pleural effusion in multiple myeloma: A case report	<b>Hoang Anh Duc</b> , Ngo Quy Chau, Vu Van Giap, Phan Thu Phuong, Phung Thi Thom	API31	20A

Paper title	Author(s)	Board #	Position
<b>Interstitial lung disease</b> Chair: Nguyen Thanh Hoi			
A rare case of pleuroparenchymal fibroelastosis (PPFE) co-existing with idiopathic pulmonary fibrosis (IPF) treated with nintedanib	<b>Aisya Natasya Musa</b> , 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	<b>Tommy Dy Yau</b> , Evelyn Ragos, Elaine Jane Abenoja	AP258	21A
Clinical features of secondary pneumothorax in interstitial lung disease	<b>Miki Itai</b> , Koichi Yamaguchi, Kenichiro Hara, Noriaki Sunaga, Yasuhiko Koga, Toshiaki Maeno	AP259	21B
Pattern of autoantibodies involvement in connective tissue disorder associated interstitial lung diseases	<b>Prasanjanie Anuruddhika Jayasinghe</b> , 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	<b>Boon Hau Ng</b> , Chun Ian Soo, Faisal Abdul Hamid, Andrea Yu-Lin Ban	AP261	22B
Diffuse cystic lung diseases: similarities and differences	<b>Inn Shih Khor</b> , 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	<b>Atsushi Shimauchi</b> , Kazuya Tsubouchi, Ritsu Ibusuki, Takafumi Kayukawa, Daisuke Eto, Yuki Okamatsu, Katsuhiko Inoue, Taishi Harada	AP263	23B
A Case of Summer-Type Hypersensitivity Pneumonitis with Severe Obstructive Impairment Caused by Membranous Bronchiolitis	<b>Nahoko Honda</b> , 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	<b>Masao Takemura</b> , Koichi Yamaguchi, Miki Itai, Kazuma Oshima, Yuria Kurashima, Mari Sato, Aya Yamaguchi, Kenichiro Hara, Mitsuru Motegi, Toshitaka Maeno	AP265	24B



Paper title	Author(s)	Board #	Position
Dose serum VEGF-D level increase with clinical course in the patients with lymphangioleiomyomatosis?	<b>Masaki Hirose</b> , Toru Arai, Chikatoshi Sugimoto, Takayuki Takimoto, Yoshikazu Inoue	AP266	25A
Lymphangioleiomyomatosis: A case report	<b>Richard Aquino Boado</b> , Windfield Tan	AP267	25B
Comprehensive analysis of cytokines in bronchoalveolar lavage fluid of patients with idiopathic pulmonary fibrosis: A cross-sectional study	<b>Takashi Matsuhira</b> , 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	<b>Takuma Katano</b> , Satoshi Ikeda, Takafumi Yamaya, Ryota Otoshi, Hiroko Okabayashi, Takashi Niwa, Hideya Kitamura, Takashi Ogura	AP269	26B
A case of hermannsky - pudlak syndrome (HPS) with MPO-ANCA positive enterocolitis	<b>Takatomo Tokito</b> , 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	<b>Yuki Yamamoto</b> , Kohei Fujita, Osamu Kanai, Misato Okamura, Koichi Nakatani, Tadashi Mio	AP271	27B
<b>Lung cancer</b> Chair: Sita Andarini			
A giant cell tumor (GCT) of the hand with lung metastases- a case report	<b>Sugeesha Wickramasinghe</b> , Sumudu Paliawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara	AP305	28A
Situs inversus totalis complicated with bronchial and laryngeal carcinoma - a case report	<b>Sugeesha Wickramasinghe</b> , Saman Kularatne, Thushara Bandara, Chanaka Ratnayake, Thanuja Tissera, Sumudu Paliawadene, Ramani Punchihewa	AP306	28B
Lymphangitis carcinomatosa due to cardiac angiosarcoma - a dilemma in diagnosis	Nuwan Madhusanka, Sanka Wijayabandara, <b>Sugeesha Wickramasinghe</b> , Chandana Dahanayake, Vajira Lekamwasam, Ranjith Jayasinghe	AP307	29A

Paper title	Author(s)	Board #	Position
Dynamic critical endotracheal obstruction due to metastatic anaplastic thyroid carcinoma	Thanuja Tissera, <b>Sugeesha Wickramasinghe</b> , Saman Kularatne, Chanaka Ratnayake, Thushara Bandara, Sumudu Paliawadene, Ramani Punchihewa, Sugeesha Ilangamage, Sumana Handagala, Dehan Gunasekara	AP308	29B
A case of large cell lung cancer successfully treated with pembrolizumab, but complicated with cholangitis.	<b>Ryunosuke Ooi</b> , 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	<b>Hiromitsu Domen</b> , 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	<b>Hiromitsu Domen</b> , 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	<b>Hiromitsu Domen</b> , 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	<b>Hiromitsu Domen</b> , Yasuhiro Hida, Takeyuki Sawai, Kanami Suga, Midori Hashimoto, Kaoru Nishiyama, Mariko Hayashi, Kazuho Inoko, Kazuomi Ichinokawa, Hidehisa Yamada	AP314	32A





Paper title	Author(s)	Board #	Position
Retrospective study of pneumonitis developed after administration of durvalumab in clinical practice	<b>Kinnosuke Matsumoto</b> , 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	<b>Jehun Kim</b> , 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	<b>Chanathad Traithong</b> , 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
<b>Respiratory Diseases (Other)</b> Chair: Le Thi Thu Huong			
Comparison of clinico-radiographic features between anthracofibrosis and lung cancer	<b>Tae Yun Park</b> , Seo Young Yun	AP355	34B
Socio-economic determinants of resource provision of pulmonology in Russia	<b>Victor P. Kolosov</b> , 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.	<b>Masanori Yokoba</b> , 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	<b>Masafumi Shimoda</b> , 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, <b>Kwok Fu Koo</b>	AP359	36B
Comparison of chest drainage tube types (blake vs. Thoracic catheter) after lung resection	<b>Masatoshi Yamaguchi</b> , Tai Hato, Ato Sugiyama, Yoshiaki Inoue, Kohei Aoki, Hiroki Fukuda, Masatoshi Gika, Mitsuo Nakayama	AP360	37A

Paper title	Author(s)	Board #	Position
<b>Respiratory infections (non-tuberculous)</b> Chair: Soon Hin How			
Evaluation of lung expansion after single-trocar video-assisted flexible thoracoscopic debridement under local anesthesia for multiloculated parapneumonic empyema	<b>Masatsugu Ohuchi</b> , Shuhei Inoue, Yoshitomo Ozaki, Yuki Namura, Hiroshi Wada, Takuto Sakashita	AP399	37B
Bronchial atresia with infection: A surgical case report	<b>Hironobu Nishimuta</b> , Takaharu Kiribayashi, Osahiko Hagiwara, Toru Niitsuma, Kazuki Ito, Yoshihisa Saida	AP400	38A
Are steroids really ineffective for influenza pneumonia?	<b>Tatsuya Yuba</b> , 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, <b>Jae Ho Lee</b>	AP403	39A
Severe adverse event rates and treatment outcomes between clarithromycin- and azithromycin-containing regimens in mac lung disease: A propensity score analysis	<b>Ho-Young Lee</b> , 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 cavitory lung mass in an immunocompetent adult	<b>Blake Warren Coloma Ang</b> , 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	<b>Andi Ibnu Hajar Azis</b> , 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	<b>Hisayuki Shuto</b> , 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	<b>Yuichi Adachi</b> , Kazunari Tsuyuguchi, Takehiko Kobayashi, Yu Kurahara, Shiomi Yoshida, Tomoko Kagawa, Yoshikazu Inoue, Seiji Hayashi, Katsuhiro Suzuki	AP409	41B



Paper title	Author(s)	Board #	Position
Low reproducibility of the serum galactomannan antigen assay in patients with definite and suspected invasive pulmonary aspergillosis.	<b>Izumi Kaisyakuji</b> , 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	<b>Jiabo Xu</b> , Qing Ye, Hui Qin	AP411	42B
Clinical characteristics of cryptococcal infections in a general hospital	<b>Tamaki Takahashi</b> , 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	<b>Sonya Noviana Masyhud</b> , Zarfiardy Aksa Fauzi, Azizman Saad, Fridayanti	AP413	43B
Galactomannan test in bronchial washing fluid is useful for diagnosis of chronic necrotizing pulmonary aspergillosis in immune normal patients.	<b>Takayasu Nishimaki</b> , 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	<b>Gwen Radam Marcellana</b> , Marian Cortez Dimabuyu, Salvador Miclat Abad-Santos	AP416	44B
<b>Tuberculosis</b> 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	<b>Eka Suhartika Simangunsong</b> , Zainuddin Amir, Bintang Yinke Sinaga, Putri Chairani Eyanoer, 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	<b>Diana Santy</b> , Parluhutan Siagian, Bintang Yinke Magdalena Sinaga, Putri Chairani Eyanoer, Eka Suhartika, Nugroho Eko Prasetyo	AP488	46A
Unusual paradoxical response of tuberculosis mimicking lung malignancy, a case of XDR tuberculosis	<b>Yeoungha Ryu</b>	AP489	46B



Paper title	Author(s)	Board #	Position
Different effects of previous tuberculosis on sarcopenia in elderly people of South Korea by gender	<b>Dong-Won Lee</b> , 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	<b>Indra Barata</b> , Zainuddin Amir, Putri Eyanoer, Zulfikar lubis	AP491	47B
The comparison of vitamin c level between pulmonary tuberculosis with diabetes mellitus, pulmonary tuberculosis and control in medan	<b>Rizka Helmi</b> , Bintang YM Sinaga, Parluhutan Siagian, Putri Eyanoer	AP492	48A
The study of factors of delay of tuberculous patients' diagnosis at Koto hospital	<b>Sakuo Hoshi</b> , Sayaka Shimizu, Etsuko Watabe, Daisuke Sato, Kasumi Tamamushi, Yuki Takeshita, Kunihiisa Miura	AP493	48B
The effect of curcuma on chest X-ray improvement and sputum coversion in patients with intensive phase treatment of pulmonary tuberculosis	<b>Endah Galih Harina</b> , Zainuddin Amir, Parluhutan Siagian, Putri Chariani Eyanoer	AP494	49A
The effect of curcuma on liver function test and gastrointestinal side effect in patients with intensive phase treatment of pulmonary tuberculosis	<b>Ade Indriya Mungkur</b> , Zainuddin Amir, Parluhutan Siagian, Putri Chairiani Eyanoer	AP495	49B
Pulmonary function impairment in patients with treated smear positive pulmonary tuberculosis	<b>Htun Htun Win</b> , Yin Mon Thant, Aye Win Set, Win Naing	AP496	50A
Extra-pulmonary primary multi-drug resistant tuberculosis presenting as cervical lymphadenitis	<b>Md Amanullah Chowdhury</b> , Mrs Shaila Zaman	AP497	50B
A curious case of progressive vocal fatigue and chronic dry cough	<b>Nirmal Kanti Sarkar</b> , Bijoy Pada Gope	AP498	51A
Tuberculosis risk factors and Mycobacterium tuberculosis transmission among HIV-infected patients in vietnam	<b>Mai Quynh Trinh</b> , 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	<b>Mithi Kalayaan Solis Zamora</b>	AP500	52A
Underlying comorbidities in tuberculosis meningitis: A vietnamese observational retrospective study	<b>Huy Ngoc Le</b> , Virasakdi Chongsuvivatwong, Nhung Viet Nguyen, Thanh Van Vu, Mekkla Thompson, Tri Huu Nguyen	AP501	52B
Drug susceptibiliy pattern of endobronchial tuberculosis	Saebyol Kim, <b>Beomsu Shin</b>	AP502	53A





## SATURDAY 16 NOVEMBER

## POSTER SESSION 3

9:00 - 12:00

*The presenting author is indicated as bold font.*16th  
SESSION 3

Paper title	Author(s)	Board #	Position
<b>COPD</b>			
Chair: Le Khac Bao			
Adherence to GOLD recommendations on management of stable chronic obstructive pulmonary disease in Manila Doctor Hospital outpatient clinics	<b>May Crystel Cuevas Rago</b> , Albert, Jr. Bugaring Albay	API 54	1A
Dietary protein intake and the risk of exacerbation in mild to moderate COPD	<b>Jin Hwa Lee</b> , 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	<b>Astari Pranindya Sari</b> , Ratnawati, Wahju Aniwidyaningsih, Sita Laksmi Andarini	API 57	2A
Association between patient reported outcome measures and physical activity in obstructive respiratory disease	<b>Tsunahiko Hirano</b> , 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 <sub>2</sub> max) in COPD patients	<b>Egipson Manik</b> , Amira Permatasari Tarigan, Pandiaman Pandia, Putri Chariani Eyanoer	API 59	3A
Clinical characteristics of COPD patients in South Korea	<b>Yu-Fan Ho</b> , 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	<b>Lijuan Luo</b> , Yan Chen	API 61	4A
Comparison of LAMA/LABA and ICS/LABA as Initial Treatment for COPD	<b>Junichi Aoyama</b> , Yosuke Tanaka, Seiji Kosaihiro, Tetuya Okano, Mitunori Hino, Masahiro Seike, Akihiko Gemma	API 62	4B
Clinical characteristics of COPD patients suspected of left ventricular diastolic dysfunction	<b>Sung Kyoung Kim</b> , 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	<b>Ika Trisnawati</b>	API 64	5B

Paper title	Author(s)	Board #	Position
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	<b>Tri Setia Negara Sinulingga</b> , Pandiaman Pandia, Amira Permatasari Tarigan, Putri Chariani Eyanoer	API 65	6A
Assessing inhaler use technique in COPD patients	<b>Chun Lung Lee</b> , 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	<b>Huy Ngoc Le</b> , Hieu Thanh Nguyen, Thanh Van Vu, Tam Thanh Khong	API 67	7A
Improving care in our COPD cohort	<b>Felicia Ton</b> , Osborn Jiang, Vicky Chang	API 69	7B
Development of an accurate operational definition for asthma using decision tree model.	<b>Jeong Uk Lim</b> , 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.	<b>Yuko Sano</b> , 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	<b>Chi Young Kim</b> , 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 $\beta_2$ -agonist and an inhaled corticosteroid in patients with asthma, COPD and asthma-COPD overlap.	<b>Taichi Mochizuki</b> , Yasushi Inoue, Hiroyuki Arai, Ryuta Ueda, Seisuke Nagase, Akira Umeda, Kenji Tsushima	API 53	52A
<b>Critical care medicine</b>			
Chair: Rodolfo Roman T Bigornia			
Prognosis of failed extubation after brain surgery	<b>Chang Pin Yun</b> , 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	<b>Woohyun Cho</b> , Yunseong Kim, Dohyung Kim	AP210	10A
Noninvasive versus invasive microbial investigation in critical ill patients with pneumonia	<b>Yun Su Sim</b> , Tae Rim Shin, Dong Gyu Kim, Hayoung Choi	AP211	10B
Albumin changes during mechanical ventilation predict outcomes in intensive care unit patients	<b>Seohyun Kim</b> , Taijoon An, Chan Kwon Park, Hyoung-Kyu Yoon	AP213	11A
Suggestive role of lung involvement in severe dengue	<b>YunFeng Shi</b> , XiaoHan Shi, JunHui Ba, DingYun Feng, WeiQiang Gan, BenQuan Wu	AP214	11B



Paper title	Author(s)	Board #	Position
Improve the competency of nursing staff in caring patient with non-invasive ventilation (NIV) in general medical ward	<b>Maggie Pik Kee Lit</b> , 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, <b>Jee Youn Oh</b> , Young Seok Lee, Jae Jeong Shim, Jae Young Moon	AP216	12B
<b>Environmental and occupational health and epidemiology</b> Chair: Nguyen Thi Trang Nhung			
An investigation on coal workers' pneumoconiosis in Vietnam surfaced coal miners.	<b>Tomoyasu Uno</b> , 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	<b>Yulia Denisenko</b> , 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	<b>Marini Puspita Sari</b> , 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	<b>Harshana Bandara</b> , 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	<b>Jung Mo Lee</b> , 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	<b>Endy Amos Todo Hasudungan Sirait</b> , 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	<b>Phan Thu Phuong</b> , Ngo Quy Chau, Vu Van Giap, Nguyen Hong Mai	AP236	16A

Paper title	Author(s)	Board #	Position
Knowledge, attitude of medical staffs before and after joining the smoking cessation training course organized by the Bach Mai hospital in 2018	<b>Phan Thu Phuong</b> , Ngo Quy Chau, Vu Van Giap, Do Khanh Van	AP237	16B
Clinical harmful effect of particulate matter on asthma: Cross-national analysis	<b>Jae Jeong Shim</b> , 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 $\beta$ ; secretion through mitochondrial dysfunction	<b>Jeeyoung Kim</b> , 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	<b>Sue In Choi</b> , 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	<b>Chinatsu Nishida</b> , 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	<b>Carla Emille Barbon</b> , 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	<b>Sumedha Samankantha Heenagamage</b> , 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	<b>Ratih Dwi Ary Merdekawati</b> , Triwahju Astuti, Garinda Alma Duta	AP244	20A
<b>Interstitial lung disease</b> Chair: Arata Azuma			
Comparison of desquamative interstitial pneumonia with or without autoimmune features	<b>Ryota Otoshi</b> , Satoshi Ikeda, Takuma Katano, Yozo 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	<b>Sung Wook Kang</b> , Cheon Woong Choi	AP273	21A





Paper title	Author(s)	Board #	Position
Clinical outcomes in patients with surgically treated pneumothorax associated with interstitial pneumonia: A retrospective analysis	<b>Fumiaki Maeda</b> , 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	<b>Takeshi Masuda</b> , 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	<b>Syazatul Syakirin Sirol Aflah</b> , Roziana Ariffin, Borie Raphaeal, Caroline Kannengiesser	AP276	22B
Upregulation of receptor tyrosine kinase-like orphan receptor 2 levels in idiopathic pulmonary fibrosis	<b>Jong-Sook Park</b> , 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.	<b>Shun Takao</b> , 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	<b>Mingyo Seo</b> , Hangjea Jang, JaeHa Lee	AP280	24A
A case of lymphangioleiomyomatosis who developed refractory ascites with few lung lesions.	<b>Mitsukuni Sakabe</b> , 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	<b>Mei-Yin Chen</b> , Ching-Min Jimmy Tseng, Chi-Wei Tao	AP282	25A
The first experience of diagnosing idiopathic pulmonary ossification by transbronchial lung biopsy	<b>Zhi Ao</b> , Shuliang Guo, Yishi Li, Xianghua Yi, Minzhu Zhao	AP283	25B

Paper title	Author(s)	Board #	Position
Comparison of autoantibody positive rate between patients developed and not developed AAV in ANCA positive interstitial lung disease	<b>Toshikazu Takasaki</b> , 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	<b>Sugeesha Wickramasinghe</b> , Sumudu Paliawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara	AP285	26B
A young lady with secondary pneumothorax due to pulmonary lymphangioleiomyomatosis- a house wife's agony	<b>Sugeesha Wickramasinghe</b> , Sumudu Paliawadene, Saman Kularatne, Chanaka Ratnayake, Thanuja Priyangika, Thushara Bandara, Ramani Punchihewa, Sumana Handagala	AP286	27A
A case with subacute interstitial lung disease	<b>Trang T. T Vu</b> , Hung Trong Nguyen	AP288	27B
<b>Lung cancer</b> 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, <b>Sun Mi Choi</b>	AP321	28A
Quantification of the independent prognostic value of Charlson Comorbidity Index among patients with non-small cell lung cancer	<b>Meng Jianfeng</b>	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	<b>Eko Budiono</b> , 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.	<b>Yukihiro Yano</b> , 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



Paper title	Author(s)	Board #	Position
Clinical manifestations of adrenal insufficiency after anti-PD-1 antibody treatment in non-small cell lung cancer	<b>Kentaro Hamada</b> , 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	<b>Hongxia Duan</b> , Shuanshuan Xie, Changhui Wang	AP327	30B
Postoperative neutrophil-to-lymphocyte ratio among the cases with non-small cell lung cancer	<b>Tai Hato</b> , 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.	<b>Kiyoshi Nakashima</b> , Masanori Nakanishi, Takeo Yagi, Hiroyuki Fujiwara	AP329	31B
A curious case of atypical pulmonary lung neuroendocrine tumour with low mitotic activity: What's next?	<b>Nor Suraya Samsudin</b> , 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	<b>Chin-Hung Tsai</b> , 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	<b>Hiroaki Harada</b> , Isao Murakami, Chika Nakashima, Fumiyo Yamamoto, Fumiaki Maeda, Atsushi Kamigaichi, Satoshi Shibata, Kiyomi Yagyū, Kazuaki Miyamoto	AP332	33A
Correlation between staging of small cell lung cancer and inflammatory marker	<b>Taewon Jang</b> , 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	<b>Takashi Tojo</b> , 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	<b>Taisuke Jo</b> , Hideo Yasunaga, Nobuaki Michihata, Hayato Yamana, Kazuaki Uda, Hiroki Matsui, Go Tanaka, Hiroyuki Tamiya, Akihisa Mitani, Takahide Nagase	AP335	34B

Paper title	Author(s)	Board #	Position
<b>Respiratory neurobiology and sleep</b> Chair: Yoshitaka Oku			
Factors affecting lung to finger circulation time measurement from polysomnography in patients with obstructive sleep apnea in Sarawak General Hospital, Malaysia	<b>Teng Teng Tee</b> , Swee Kim Chan, Sze Shyang Kho, Siew Teck Tie	AP437	35A
Inhibition of long noncoding MEG3 rescues cardiomyocyte apoptosis induced by intermittent hypoxia	<b>Qingshi Chen</b> , 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	<b>Do-Yang Park</b> , Da-Young Park	AP442	36A
Influence of obstructive sleep apnea on timing of acute coronary syndrome onset.	<b>Muhammad Hanis Muhmad Hamidi</b> , 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.	<b>Muhammad Hanis Muhmad Hamidi</b> , 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, <b>Phasawee Thangdechahirun</b>	AP445	37B
Case report: Obstructive sleep apnea with obesity hypoventilation syndrome.	<b>Hoang Huu Nguyen</b> , Tung Duy Phan, Bao Khac Le	AP446	38A
Effect of CXCR1-mediated CIH on mTOR expression in THP-1 cells	Yayong Li, <b>Yina Wang</b> , Yu Yang, Yingquan Luo, Xingang Huang	AP448	38B
<b>Respiratory structure and function</b> Chair: Nguyen Nhu Vinh			
Different response to inspiratory resistive breathing in patients with asthma, COPD and chronic bronchitis	Denis Naumov, <b>Olesya Kotova</b> , 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	<b>Taeyun Kim</b> , 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	<b>Le Huu Linh</b> , Le Huu Le	AP466	40A
Noninvasive haemoglobin by pulse co-oximetry in the interpretation of single-breath carbon monoxide diffusion capacity.	<b>Geak Poh Tan</b> , Gin Tsen Chai, Danqing Qi, Chu Ying Gan, John Arputhan Abisheganaden	AP467	40B



Paper title	Author(s)	Board #	Position
Is test repetition necessary for the 6-minute-walk test (6MWT) using a 15-metre course?	<b>Gin Tsen Chai</b> , 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	<b>Chika Nakashima</b> , 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	<b>Choi JS</b> , 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	<b>Ha Yeon Kim</b>	AP471	42B
Japanese cases of primary ciliary dyskinesia with DNAH5 and DNAH11 mutations	<b>Atsushi Kurokawa</b> , 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	<b>Buddhi M Gunawardana</b> , 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	<b>Masahiro Satake</b> , Nobuyuki Shibata, Shinetsu Noto, Fujiko Sato, Yutaka Furukawa, Kazuto Kikuchi, Sachiko Uemura, Yoshino Terui, Takanobu Shiroy	AP475	44A
<b>Tuberculosis</b> Chair: Erlina Burhan			
A rare and unusual presentation of a common pulmonary disease	<b>Irfan UI Haq</b> , Mansoor Ali Hameed, Ibrahim Rasheed Abdul Rashid, Mushtaq Ahmad, Mehr Un Nisa, Merlin Marry Thomas	AP503	44B

Paper title	Author(s)	Board #	Position
My cheesy heart: A case of TB pericarditis	<b>Jim Paulo Pantas</b> , Krislyn Panugayan, Olivia Faye Listanco, Jhakelinn Veerica Galang, Dennis Teo	AP507	45A
Case study: 79-year-old male presents with pancytopenia and productive cough	<b>Nguyen Hai Anh</b> , 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	<b>Hendra Kurniawan</b> , 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	<b>Hendra Kurniawan</b> , Reviono Reviono, Martha Ratnawati, Wachid Putranto, Yusup Subagio	AP510	46B
Factors associated with under-reporting of tuberculosis cases in Dr. Moewardi hospital, Surakarta, Indonesia	<b>Reviono Reviono</b> , 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	<b>Duc Trung Cao</b> , Phuong Thi Hoang, Ngo Quy Chau	AP512	47B
A case report: Rapidly progressive pneumonia	<b>Tung Duy Phan</b> , Bao Khac Le	AP513	48A
Pulmonary tuberculosis presenting as hoarseness - a case report	<b>Gladys Judynil Brandares Daba</b> , Fernando Garife Ayuyao	AP515	48B
Cranio-cervical junction tuberculosis: Unusual site of ancient diseases	<b>Yessy Susanty Sabri</b> , Irvan Medison, Sabrina Ermayanti, Ulfa Himayati	AP516	49A
A pregnant patient with NTM infection: A case report	Do Thanh Dang, Trang T. T Vu, <b>Ha Ngoc Pham</b>	AP517	49B
Lung tuberculosis mimicking malignancy in radiography findings	<b>Ilham Ilham</b> , Oea Khairsyaf, Russilawati Russilawati, Fenty Anggariny	AP518	50A
Primary multidrug resistant tuberculosis (MDR-TB) among type-2 diabetes mellitus (DM) patient: Case series	<b>Ulfahimayati Ulfahimayati</b> , Irvan Medison, Fenty Anggrainy	AP519	50B
Prevalence of post tuberculosis-chronic obstructive pulmonary disease at a tertiary referral centre Kuala Lumpur	Guang Yong Chong, <b>Yu-Lin Andrea Ban</b> , Mohamad Faisal Abdul Hamid	AP520	51A
Validation of a risk assessment questionnaire for childhood tuberculosis	<b>Ma. Samanta Dizon Jaucian</b> , 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

Paper title	Author(s)	Board #	Position
<b>Asthma</b> 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	<b>Carla Emille Barbon</b> , 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	<b>Ilsang Han</b>	AP026	1B
Analysis of T cell-induced bronchoconstriction in vivo and in vitro	<b>Akio Mori</b> , Satoshi Kouyama, Akemi Abe-Ohtomo, Miyako Yamaguchi, Chiemi Kumitani, Kiyoshi Sekiya, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma	AP027	2A
Foreign body of the airway triggering severe asthma exacerbation	<b>Son Bao Vu</b> , Tuan Anh Tran	AP028	2B
Assessing strategies and contents of mobile apps for asthma self-management in 2019	<b>Natsumi Nomura</b> , 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.	<b>Ibrahim Salaheldin Ibrahim</b> , 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	<b>Dilanka Tilakaratne</b> , Sandhya Kumari, Shehani Balasooriya, Eshanth Perera	AP033	4A
<b>Bronchoscopy and interventional techniques</b> Chair: Fumihiro Asano			
A case of bronchopulmonary carcinoid arising in bronchus diagnosed by 3 times bronchoscopy with removing necrotic tissue.	<b>Hiroyuki Fujiwara</b> , 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	<b>Fumiyo Yamamoto</b> , Hiroaki Harada, Chika Nakashima, Fumiaki Maeda, Atsushi Kamigaichi, Kentaro Kawaguchi, Yoshifumi Nishimura, Kozue Miyazaki, Satoshi Shibata, Isao Murakami	AP061	5A

Paper title	Author(s)	Board #	Position
Endobronchial ultrasound (EBUS) sonographic features of mediastinal lymph nodes associated with malignancy among patients who underwent EBUS-guided transbronchial needle aspiration (TBNA) biopsy	<b>Mary Claire Reyes Orden</b> , Joven Roque V Gonong	AP062	5B
Cryospray can freeze epithelial cells to death with no fibroblast scar	<b>Hongxia Duan</b> , Shuanshuan Xie, Changhui Wang	AP063	6A
Phyllodes tumor: A rare cause of endobronchial metastasis	<b>Genevieve Ramos Om-bao</b> , Joven Gonong	AP064	6B
Balloon dilatation in post tuberculosis bronchial stenosis	<b>Ka Kiat Chin</b> , 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	<b>Napplika Kongpol-prom</b> , Lavan Sorasitrungsakun, Nataphon Wuthithepbuncha	AP066	7B
A retrospective cohort study on the effectiveness of intrapleural fibrinolytic therapy in management of loculated pleural effusion	<b>Rachelle Mae Dayan Legaspi</b> , Marian Cortez Dimabuyu, Ricardo Morales De Castro, Guinevere Ngo Dy Agra, Dennis Carmona Villanueva	AP067	8A
A rare endobronchial solitary fibrous tumor: Case report	<b>Matthew K Ing</b> , Cameron M Sullivan, Jonathan P Williamson, Steven T Lindstrom	AP068	8B
Cryotherapy recanalization of primary tracheal squamous cell carcinoma	<b>Portia Maria Cadite Tanyag</b> , Joven Roque Versoza Gonong	AP069	9A
Successful palliative cryoablation and recanalization of invasive follicular thyroid carcinoma encroaching into the trachea	<b>Portia Maria Cadite Tanyag</b> , Joven Roque Versoza Gonong	AP070	9B
Use of bronchoscopic examination of the larynx prior to extubation in patients with failed cuff leak test	<b>Hiroshi Nakaoka</b> , 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, <b>Hang Thi Can</b>	AP073	10B
Management of massive subcutaneous emphysema using negative pressure wound therapy dressings	<b>Nai Chien Huan</b> , Noorasyikin, Mohamed Arifin, Teng Shin Khoo, Yean Chen Lai	AP463	49A
<b>Clinical allergy and immunology</b> Chair: Yasuhiro Gon			
Airway Mucin MUC5AC Production is increased in patients with chronic eosinophilic pneumonia	<b>Kiyoshi Takeyama</b> , Tomohiro Akaba, Atsushi Kurokawa, Soshi Muramatsu, Ken Arimura, Mitsuko Kondo, Etsuko Tagaya	AP088	11A



Paper title	Author(s)	Board #	Position
Calcium-activated Cl <sup>-</sup> channel (ANO1) and calcium release-activated calcium channel (ORAI1) as potential therapeutic targets for allergic rhinitis	<b>Woo Kyung Kim</b> , Yu Ran Nam, Hyun Jong Ki	AP090	11B
Role of Nrf2 in the allergic airway inflammation differ between BALB/c and C57BL/6 mice	<b>Ying-Ji Li</b> , Takako Shimiz, Maiko Kobayashi, Yukiyo Hirata, Hirofumi Inagaki, Arata Azuma, Tomoyuki Kawada	AP092	12A
<b>COPD</b> 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, <b>Scott Claxton</b> , 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	<b>Chih-Ching Yen</b>	AP179	13A
Evaluation of practice pattern of COPD amongst physicians of three Asian countries: A survey in Nepal, Sri Lanka and Malaysia	Ramesh Chokhani, <b>Rajesh Dhoj Joshi</b> , Abdul Razak, Kirthi Gunasekera, Aniruddha Mukhopadhyay, Vaibhav Gaur, Jaideep Gogtay	AP180	13B
Cardiovascular effects of pharmacotherapy in chronic obstructive pulmonary disease patients	<b>Bo Young Lee</b> , 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, <b>Vaibhav Gaur</b> , Jaideep Gogtay	AP182	14B
Regional distribution and clinical characteristics of bacterial exacerbation of chronic obstructive pulmonary disease in South Korea	<b>Jungmin Yoo</b> , 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	<b>Amira Permatasari</b> , Tarigan, Bintang Yinke Magdalena Sinaga, Pandiaman Pandiaman, Zulkarnain, Fanni Rizki Ananda	AP184	15B
Role of allosteric effects and KCa channel activity in synergistic action between LABAs and LAMAs	<b>Hiroaki Kume</b>	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	<b>Zhe Zhang</b> , Zhenyu Liang, Yuandi Wang, Yijun Chen, Qiasheng Li, Fengyan Wang, Wenhua Jian, Jinping Zheng	AP187	16B

Paper title	Author(s)	Board #	Position
Stable clinical course of COPD patients in the era of dual bronchodilator therapy: The real-world data	<b>Sun Hye Shin</b> , 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	<b>Yijun Chen</b> , Yuandi 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	<b>Yijun Chen</b> , 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	<b>Ji-Yong Moon</b> , 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	<b>Kyoko Yagyu</b> , 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	<b>Tsukasa Ohnishi</b> , Kaori Tsuruta Tsuruta, Makito Iizuka, Maiko Wada Wada, Haruki Funakoshi, Mie Nakada, Hironori Sagara	AP195	19B
Factors associated with smoking status in COPD patients	<b>Aisya Natasya Musa</b> , Khairil Khuzaini Zulkifli, Muhammad Amin Ibrahim, Nurul Yaqeen Esa, Mohd Arif Mohd Zim, Ahmad Izuanuddin Ismail	AP197	20A
<b>Critical care medicine</b> Chair: Rex. C. W. Yung			
Ribosome profiling sequencing based gene expression during lung injury after one-lung ventilation	<b>Zhizhi Wang</b> , 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	<b>Cary Amiel Gil Villanueva</b> , Jonathan Luzano, Vladimir Lennin Roque, Ma. Bella Siasoco	AP219	21A
Study on the relationship between CPAP and Leptin level using cluster analysis	<b>Yutaka Kozu</b> , Yusaku Ishiwatari, Mari Hikichi, Shinichi Okamoto, Hisato Hiranuma, Shuichiro Maruoka, Tsuneto Akashiba, Shu Hashimoto, Yasuhiro Gon	AP220	21B



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



Paper title	Author(s)	Board #	Position
Association between clinicopathological parameters and the efficacy of immune checkpoint inhibitor therapy in patients with biopsy-diagnosed non-small-cell lung cancer	<b>Takahiro Ota</b> , Naohide Takada, Yoshimi Nishikawa, Hidetoshi Yoshioka, Shuta Igarashi, Yusuke Kobayashi, Takaya Nakamura, Masahito Emura	AP338	28A
Enhanced ceruloplasmin mediates tumor angiogenesis in lung cancer	<b>Kuan-Li Wu</b> , Jen-Yu Hung, Ya-Ling Hsu, Ying-Ming Tsai	AP339	28B
Albumin-globulin ratio is a predictive biomarker of antitumor effect of anti-PD -1 antibody in patients with non-small cell lung cancer	<b>Yu Nakanishi</b> , Takeshi Masuda, Shinjiro Sakamoto, Yasushi Horimasu, Taku Nakashima, Shintaro Miyamoto, Hiroshi Iwamoto, Kazunori Fujitaka, Hironobu Hamada, Noboru Hattori	AP340	29A
Mucinous adenocarcinoma in mediastinal teratoma: Rare case	<b>Suyastri Suyastri</b> , Sabrina Ermayanti, Afriani, Russilawati	AP345	29B
Best time of pleurodesis on paramalignant pleural effusion	<b>Yusup Subagio Sutanto</b> , Farih Rahardjo, Wisuda Moniqa, Indarto Sigit, Muhammad Rudianor, Dewi Nurul Makhabah	AP346	30A
Metastatic hemorrhagic tumor necrosis in the lung from a sarcomatoid renal cell carcinoma in a 32-year-old male: A case report	<b>Michelle Angela Limjuco Tan-Reyes</b>	AP348	30B
Incidence and mortality of lung cancer in IPF, 2012–2016: A nationwide population-based study in Korea	Myung Jin Song, Hee Yeong Kim, <b>Sang Hoon Lee</b> , Seon Cheol Park	AP350	31A
Treatment for early stage non-small cell lung cancer by stereotactic body radiation therapy and the role of PET/CT	<b>Luan Van Pham</b> , Tien Dinh Nguyen, Ha Ngoc Le, Bieu Quang Bui	AP351	31B
Secondary pulmonary Hodgkin's lymphoma mimicking lung abscess: A rare case	<b>Elsa Purnama Sari</b> , Fenty Anggrainy, Russilawati	AP354	32A
<b>Paediatric lung disease</b> Chair: Bui Binh Bao Son			
A rare case of intralobar pulmonary sequestration complicated by spontaneous hemothorax in a 15-year-old male who presented with recurrent abdominal pain	<b>Lady Anarose Isidro Regala</b> , Agnes Rico Mendoza, Marion Olaes Sanchez	AP363	32B
Childhood sarcoidosis: A case report	<b>Mohammad Moshir Rahman</b> , Tazrin Farhana, Syed Rezaul Huq, Ferdous Wahid	AP364	33A
Antenatally diagnosed congenital pulmonary airway malformation: A case report	<b>Bunny Lou Marie Ocampos Binaoro</b>	AP366	33B
Associations of peripheral muscle strength, pulmonary function and functional capacity in children and adolescents with cystic fibrosis	<b>Raziye Nesrin Demirtas</b> , Abdurrahman Arslan, Cemile Bozdemir Ozel, Gonca Kilic Yildirim, Hatice Saridemir	AP367	34A





Paper title	Author(s)	Board #	Position
The relationship between fatigue and pulmonary functions in children and adolescents with cystic fibrosis	<b>Raziye Nesrin Demir-tas</b> , Abdurrahman Arslan, Cemile Bozdemir Ozel, Gonca Kilic Yildirim, Hatice Saridemir	AP368	34B
Acquired tracheo-oesophageal fistula in children: A rare case report and literature review	<b>Phuc Ngoc Nguyen</b> , Tuan Anh Tran	AP369	35A
Serum 25-(OH) d and TGF-& BETA I levels and clinical significance in children with mycoplasma pneumoniae pneumonia complicated by wheezing	<b>Xin Tian</b> , Hang Song, Yifan Yu	AP370	35B
Construction of knowledge map of childhood bronchial asthma	<b>Xin Tian</b> , Yifan Yu, Jiayan Wang	AP371	36A
A case of juvenile dermatomyositis manifesting recurrent and persistent cough	<b>Xin Tian</b> , Yifan Yu	AP372	36B
<b>Respiratory infections (non-tuberculous)</b> Chair: Yualin Song			
Bacterial pattern and drugs-sensitivity test on patients with piopneumothorax at H. Adam Malik General Hospital, Medan	<b>Mei Sarah Pane</b> , Widirahardjo, Ade Rahmaini, Rina Yunita, Putri Chairani Eyanoer	AP417	37A
Bacterial etiology and antibiotic susceptibility pattern in ventilator-associated pneumonia at intensive care unit, Ca Mau General Hospital.	<b>Thanh Duy Vo</b> , Linh Vu Ho, Khiem Nhon Ma, Van Duc Bui	AP418	37B
Cavitary pneumonia in an otherwise immunocompetent host [who underwent nutritional changes]: A case report	<b>Kriselle Felicia Laus Lumunsad</b> , Michelle Angela Tan-Reyes	AP419	38A
Factors affecting in-hospital mortality of non-tuberculous mycobacterial pulmonary disease	<b>Goh Tanaka</b> , Taisuke Jo, Hideo Yasunaga, Takahide Nagase	AP420	38B
Retrospective examination of Pneumocystis jirovecii DNA (PCR) positive cases in our hospital	<b>Ayako Muramatsu</b> , Aosa Matsuyama, Ryosuke Hamashima, Sayaka Uda, Yosuke Matsumoto, Toshiki Iwai, Tatsuya Yuba, Seiko Ohno, Hitoji Uchiyama	AP421	39A
Comparative analysis of invasive and non-invasive pneumococcal disease cases in Kochi, Japan	<b>Hogara Segawa</b> , Hiroshi Nakaoka, Masayuki Ishida, Minoru Shiraga, Motoi Suzuki, Konosuke Morimoto, Kazunori Oishi	AP424	39B
The severity of non-cystic fibrosis bronchiectasis (Non-CF BE) associated with peripheral blood eosinophils and serum IgE levels	<b>Meng-Heng Hsieh</b> , Chun-Yu Lin, Yueh-fu Fang, Yu-Lun Lo, Shu-Min Lin, Horng-Chyuan Lin	AP425	40A
Development of real-time prediction model for pneumonia based on clinical and environmental data using deep learning	<b>Wonjun Ji</b> , Yu Rang Park, Hyungjun Park, Hae Reong Kim, Tae Sun Shim, Chang-Min Choi	AP426	40B

Paper title	Author(s)	Board #	Position
#Coughdab initiative: Use of social media in healthcare advocacy	<b>Rodolfo Pagcatipunan</b> , Guinevere Dy, Earl Sempio, Patrick Moral	AP428	41A
Does diabetes aggravate Klebsiella pneumoniae pneumonia in mice?	<b>Hanyin Zhang</b> , Wei Wang, Xiaowei Zheng, Yao Ye, Jianjun Sun	AP429	41B
Bacteria isolated from the airways in patients with non-cystic fibrosis bronchiectasis: Association with inhaled corticosteroids	Seung Eun Lee, <b>Eun Jeong Son</b> , Woo Hyun Cho, Doo Soo Jeon, Yun Seong Kim, Tae Hwa Kim	AP430	42A
Successful management of pulmonary aspergillosis in Sardjito Hospital Yogyakarta	<b>Ika Trisnawati</b>	AP431	42B
The characteristics of pseudomonas aeruginosa hospital acquired pneumonia at Bach Mai Hospital from September 2016 to August 2017	<b>Nghia Duc Nguyen</b> , Ha Ngoc Pham, Ngo Quy Chau	AP433	43A
Pulmonary aspergilloma in a patient with anorexia nervosa: A case report	<b>Tomohiro Akaba</b> , Kiyoshi Takeyama, Nahoko Honda, Mitsuko Kondo, Etsuko Tagaya	AP434	43B
Copeptin and neutrophil lymphocyte count ratio as a predictor of intensive care admission in community pneumonia in hospital Dr. Moewardi Surakarta	<b>Harsini Harsini</b> , Winny Frida, Jatu Aphridasari	AP435	44A
The characteristics of multi antibiotic resistant pneumonia at Bach Mai Hospital from may 2018 to December 2018	<b>Anh P. T Pham</b> , Ngo Quy Chau	AP436	44B
Massive haemoptysis in patients with melioidosis: 2 cases and review of literature	<b>Nai Chien Huan</b> , Wan Awatif, Wan Mohd Zohdi	AP464	49B
<b>Respiratory neurobiology and sleep</b> Chair: Ning Hung Chen			
PSG analysis of severe OSA patients with different percentage of cumulative time with oxygen saturation below 90% in total sleep time (T90%)	Le Wang, Jing Zhang, Yan Wang, Jie Cao, Yuan Bao Chen, <b>Yao-Qian Cao</b>	AP454	45A
Circulating exosomes in obstructive sleep apnea increased the growth and the proliferation of lung cancer cells through activation of ERK/C-MYC axis and decreased cytotoxicity of cisplatin	<b>Hyeon Hui Kang</b> , Hee Young Kwon, In Kyung Kim, Sang Haak Lee	AP455	45B
Comparison of the Vietnamese version of FOSQ-10 with ESS, PSQI and AHI in OSA Vietnamese patients	<b>Quan Tran Thien Vu</b> , Uyen Cao Nhu Nguyen, Nhu Nguyen Quynh Dang, Thu Diem Pham	AP456	46A
A rare case of severe obstructive sleep apnea with nocturnal hypoventilation secondary to congenital myopathy in an adolescent child	<b>Maily Capena Gonzalez</b>	AP457	46B
Effect of chronic intermittent hypoxia on gene expression profiles of rat liver: a better understanding of OSA-related liver disease	<b>Li-Da Chen</b> , Qing-Shi Chen, Guo-Fu Lin, Qi-Chang Lin	AP458	47A



Paper title	Author(s)	Board #	Position
The outcome of nasal stent versus continuous positive airway pressure in the treatment of patients with obstructive sleep apnea	<b>Win Win Myint</b> , Toe Sanda, Yin Mon Thant, Win Naing, Moh Moh Hlaing, Theint Theint Hlaing	AP459	47B
Clinical characteristics and results of polysomnography of the obstruct sleep apnea patients	<b>Phan Thu Phuong</b> , Ngo Quy Chau, Vu Van Giap, Pham Van Luu	AP460	48A
Impact of aging on sleep disordered breathing	<b>Satoshi Kasagi</b> , Yasuhiro Tomita, Hisashi Takaya, Yasuhiro Setoguchi, Koji Narui	AP462	48B







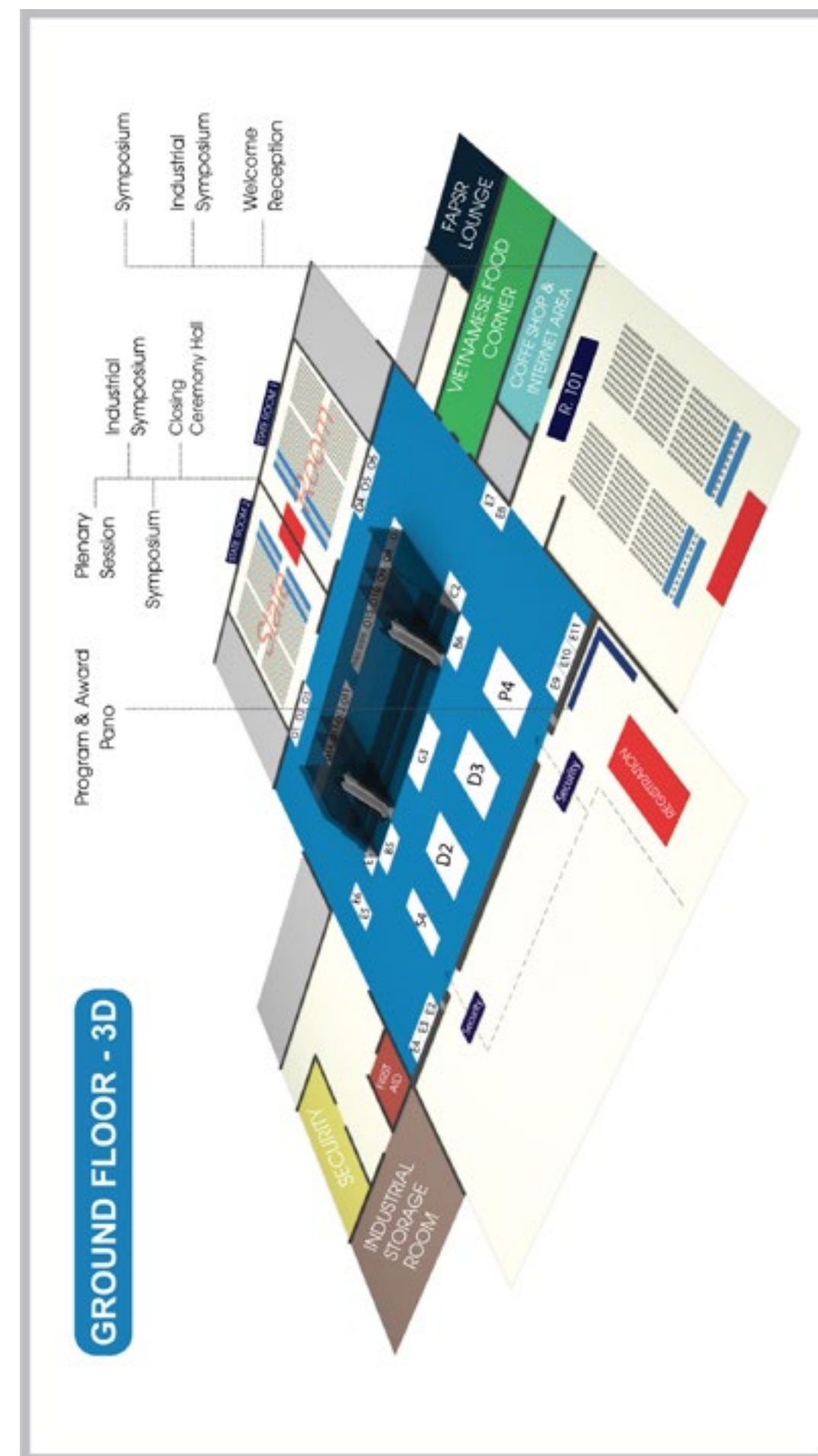
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Ho Chi Minh City

# INDEX OF AUTHORS

# INDEX OF AUTHORS

<b>A</b>		
Abdel-Tazer Yusop Mohammad	API15	
Ade Indriya Mungkur	AP495	
Aditya Sri Listyoko	AP017	
Aida Nazurah Aman Sarifudin	AO001	
Aila Marnelle Apolinario Cruz	AP225	
Aisya Natasya Musa	AP378	
	AP257	
	API97	
Akihiko Goto	AP479	
Akin Kaya	AP207	
Akio Mori	AP027	
Alexander Mullin	AP250	
Ameer Karavathukudy Azeez	AO090	
Amira Permatasari Tarigan	API84	
Andi Ibnu Hajar Azis	AP406	
Andrea Ban	AP379	
Andrew Li	AL0024	
Anh P. T Pham	AP436	
Anh Thu Nguyen	AO045	
	AO230	
Annalou Menina Barliso	AO002	
Antonious Selvam	AO043	
	AO067	
Arpan C Shah	AO091	
	AO185	
Astari Pranindya Sari	API57	
Atsushi Kurokawa	AP473	
Atsushi Shimauchi	AP263	
Aulia Rahman	AP384	
Ayako Muramatsu	AP421	
Ayfer Utkusavas	AO058	
	AO218	
<b>B</b>		
Bach Quoc Tuan	AO019	
Bang Ngoc Dao	AO092	
Beomsu Shin	AP502	
Bernadette Meifel Joyce Dacuycuy Madamba	AP039	
Biju Thomas	AO196	
Bing Liu	AL0023	
Binh Thi Cam Nguyen	AO003	
	AO242	
Bintang Yinke Magdalena Sinaga	AL0049	
Binu Krishnan	AO036	
Blake Warren Coloma Ang	AP405	
Bo Young Lee	API81	
Boon Hau Ng	AP001	
	AP261	
Bunny Lou Marie Ocampos Binaoro	AO243	
	AP366	
	AO059	
<b>C</b>		
Carla Emille Barbon	AP242	
	AP025	
	AO020	
Cary Amiel Gil Villanueva	AP219	
Chanathad Traithong	AP318	
Chang Pin Yun	AP208	
Charles Wong	AO060	
Cheng Zhang	AO219	
Cheng-Yu Chang	AL0016	
Chi Young Kim	API73	
Chia Ling Chang	API04	
Chia-Chen Lin	API29	
Chih-Ching Yen	API79	
Chika Nakashima	AP469	
Chinatsu Nishida	AP241	
Chin-Hung Tsai	AP331	
Chisato Kamimaki	AO021	
Choi JS	AP470	
Chun Lung Lee	API66	
<b>D</b>		
Dae Sung Hyun	AP380	

Damian Tworek	AO011
Dan Huang	AL0004
Dao Ngoc Duc	AL0040
David Price	AO270
Dawpadee Lochana Dharmasena	AL0028
	AL0031
Debra Gaye Sandford	AO050
Deebya Raj Mishra	API14
Di Lu	AO107
Diana Santy	AP488
	AP476
	AP033
	AL0042
Dilanka Tilakaratne	AL0032
Dinh Van Nguyen	AO149
	AP374
Doi Quang Nguyen	AP375
	AP490
Dong-Won Lee	AP442
Do-Yang Park	AP057
Du Nguyen Ngoc	AP512
Duc Trung Cao	API19
	API20
	API21
	API22
Dwi Rosa Eka Agustina	AO047
<b>E</b>	
Ed-Marvin Chua Hilario	API23
Egipson Manik	API59
Eka Suhartika Simangunsong	AP487
Eko Budiono	AP323
Elda Putri Rahardini	AO051
Elsa Purnama Sari	AP354
Emika Sano	API18
Endah Galih Harina	AP494
Endy Amos Todo	AP235
Hasudungan Sirait	AO068
Etsuhiro Nikkuni	AO061
Etsuro Yamaguchi	AO061

Eun Jeong Son	AP430
Eviriana R.H. Simarmata	AO005
<b>F</b>	
Fangying Lu	AL0001
Felicia Ton	API69
Feng-Jia Chen	AO014
Ferry Dwi Kurniawan	AO125
Florence Tumaca Blanco	API27
Fumiaki Maeda	AP274
Fumio Kurosaki	AO006
Fumiyo Yamamoto	AP061
<b>G</b>	
Ganzhu Feng	AO048
Geak Poh Tan	AP022
	AP467
Genevie Ramos Ombao	AP064
Gihani Jayaweera	AO029
Gin Tsen Chai	AP468
Gladys Judynil Brandares Daba	AP515
	AP223
Goh Tanaka	AP420
Goohyeon Hong	API13
Greg Fox	AO179
Greg Hodge	AO126
Gwen Radam Marcellana	AP416
<b>H</b>	
Ha Ngoc Pham	AP517
	AO062
	AO239
Ha Yeon Kim	AP471
Haesoo Jeon	API35
Hai Bac Tran	AO127
Hammad Ghafoor	AO030
Han Loong Tan	AO008
Hana Khairina Putri Faisal	AO023
Hang Thi Can	AP073
Hanh Do Thi	AO167
Hanyin Zhang	AP429

Harshana Bandara	AP233
	AL0010
	AL0029
Harsini Harsini	AP435
Hendra Kurniawan	AP509
	AP510
Herman Herman	AO025
Hien Thanh Duong	AP085
Hiroaki Harada	AP332
Hiroaki Kume	API86
Hiromasa Nakayasu	AO049
Hiromitsu Domen	AP311
	AP312
	AP313
	AP314
Hironobu Nishimuta	AP400
Hironobu Tsubouchi	AP084
Hiroshi Nakaoka	AP071
Hiroshi Shima	AO069
Hiroshi Takumida	AO093
Hiroyoshi Yamauchi	API24
Hiroyuki Fujiwara	AP060
Hirsh Koyi	AP222
Hisayuki Shuto	AP407
Hitomi Nogawa	AO094
Hitoshi Sasano	AP012
Ho Cheol Kim	AP095
Hoang Anh Duc	AP034
	API31
	AO096
Hoang Huu Nguyen	AO220
	AP446
Hoang Minh	AP221
Hogara Segawa	AP424
Hong Liu	AP079
Hongxia Duan	AP063
	AP327
Hou Chien	AP392
Ho-Young Lee	AP404
Hsiao-Chi Chuang	AP247
Htun Htun Win	AP496
Hua Zhang	AO097
Huy Ngoc Le	AP501
	API67

Huy Nhat Le	API32
	AP254
Ngoc Min Duong	AO244
	AO245
Hye Sook Choi	AL0027
Hye Yun Park	AO016
Hyeon Hui Kang	AP455
Hyo Jin Kim	API09
Hyun Kyu Cho	AO017
Hyung Koo Kang	AP391
<b>I</b>	
Ian Gordon Sarno	AO026
Ibrahim Salaheldin Ibrahim	AP032
	AO018
Ika Fajarwati	AO009
Ika Trisnawati	API64
	AP431
Ilham Ilham	AP518
Ilsang Han	AP026
Indi Esha	AO031
Indiane Putri Ningtias	AO027
Indra Barata	AP491
	AP262
Inn Shih Khor	AP093
	AL0019
Irfan Ul Haq	AP503
	AO098
Isana Katayama	AP301
Isato Fukushi	AO070
Ismail Hassan	AL0030
	AL0014
Izumi Kaisyakuji	AP410
<b>J</b>	
Jeong Mi Lee	AP251
Jae Ho Lee	AP403
Jae Jeong Shim	AP238
JaeBum Park	AP249
Jaechun Jason Lee	AO032
James Caguioa Omaña	AP200
Jason Martin Dsouza	AP385
Jee Youn Oh	API50
	AP216





Jeeyoung Kim	AP239
Jehun Kim	AP317
Jeong Uk Lim	API70 AO075
Ji Soo Choi	AP041
Ji Young Park	AP295
Jiabo Xu	AP411
Jianqing She	AO108
Jim Paulo Pantas	AP507
Jin Hwa Lee	API55
Jin Woo Song	AO053 AO083
Jitsuo Usuda	AO182
Jiun-Ting Wu	AL0025
Ji-Yong Moon	API92
John Caryl Ruiz Simbajon	AO115
Johnny Hong Chun Siu	AO064
Jonghoo Lee	AP204
Jong-Sook Park	AP277
Joo Hyun Nam	AP082
Jooyeon Lee	AO129
Joshua Edrian Gomez Robiño	AO189
Jubilette Windy Hutabarat	API49
Juliy M. Perelman	AP003
	API17
	API16
	AP004
	AP005
Jun Pyo Myong	AO033
Jung Mo Lee	AP234
Jungmin Yoo	API83
Junichi Aoyama	API62
Justin Ryan Lay Tan	AO204
K	
	AP076
	AP077
	AP019
Ka Kiat Chin	AP065
Kamontip Kunwipakorn	AO116

Kashish Gupta	AO077
Katsuhiro Inoue	AP042
Kazuki Hamada	AO078
Kazuki Ito	AP297
Kazuki Matsuda	AO152
Kazuya Kojima	API47
Keitaro Nakamoto	AO206
Kenji Umeki	AP098
Kentaro Hamada	AP326
Kentaro Tamura	AP058
Khine Khine Yin Mon	API02
Khoa Duy Duong	AO222
Kimihiro Okubo	AO153
Kinnosuke Matsumoto	AP316
Kiyoshi Nakashima	AP329
Kiyoshi Takeyama	AP088
Kohei Fujita	AO100
Kriselle Felicia Laus Lumunsad	AP419
Krislyn Panugayan	AO072
Kuan-Li Wu	AP339
Kunihiko Yoshimura	AO190
Kwok Fu Koo	AP359
Kyoko Yagyu	API94
L	
	AP363
	AO117
	AP466
Lei Liu	AL0018
Li-Da Chen	AP458
Lijuan Luo	API61 AO079
Lin Mo	AO101
Ling Mao	AO034
Ling-Ling Chou	API46
Linh Hue Vu	AP201
Lisa Redwood	AO118 AL0002
Luan Van Pham	AP351
	AL0012
	AO276

M	
	AP486
	AP215
	AO266
Maggie Pk Lit	AP499
Maily Capena Gonzalez	AP457
Manabu Murakami	AO055
Manilyn Lejos-Sabado	AO073
Maranatha Liem	AL0033
Maria Katrina Ramos Rivera	AO080
Marian Dimabuyu	AP202
	AP203
	AP232
	AO241
Martin Kolb	AP015
	AL0006
	AP013
	AO119
Martin Kristoffer Elises Ogbac	AP014
	AP062
	AP358
Masafumi Shimoda	AP008
Masafumi Yamaguchi	AP056
Masahiro Fujioka	AP475
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 API54
Md Amanullah Chowdhury	AP497
Md Masudur Rahman	AO102
Mei Sarah Pane	AP417

Mei-Yin Chen	AP282
Meng Jianfeng	AP322
Meng-Heng Hsieh	AP425
Mengzhen Cheng	API45
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
Mithi Kalayaan Solis Zamora	AP381
	AP500
	AO110
Mitsukuni Sakabe	AP281
Mohammad Moshir Rahman	AP364
Molina Khairunnisa Simatupang	AP152
Monica Kristine Lin Madera-Roberts	AP045
Muhamad Fajri Adda'i	AO111
	AO267
Muhammad Ali Asdar	AO103
Muhammad Hanis Muhmad Hamidi	AP443 AP444
Myung Sook Kim	AP383
N	
	AP463
	AP464
	AP264
Nahoko Honda	AP264
Naoki Ijiri	API48
Naoto Ishimaru	AO209
Naoya Iwanami	AO084
Naoyuki Kuse	AP052
Naplika Kongpolprom	AP066
Natsumi Nomura	AP031
Ng Boon Hau	API10
Ngan Thi Kim Nguyen	AO212
Nghia Duc Nguyen	AP433

Ngoc Minh Duong	AP337
	AO244
	AO245
Nguyen Hai Anh	AP508
	AO104
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
Nor Suraya Samsudin	API07
	AP330
Nurgul Bozkurt	AL0035
	AL0036
Nurvidya Rachma Dewi	AP253
O	
	AP087
	AP463
Olesya Kotova	AP463
Oliver James Howlett	AO210
Onaizah Katrina Gatus Monera	AP050
P	
	AP087
	AP463
	AO210
Paul Dawkins	AO160
Pei Hang Xu	AL0038
Pham Thi Kim Nhung	AO148
Phan Thu Phuong	AO095
	AP237
	AP236
	AP460
Phasawee Thangdechahirun	AP445
Phu Ngoc Dao	AO082
Phuc Ngoc Nguyen	AP369
Phuong Nguyen	AO191
	AO194
	AO213

Portia Maria Cadite Tanyag	AP069 AP070
Prasanjanie Anuruddhika Jayasinghe	AP298 AP260
Praveen Radhakrishnan	API99 AO184
Q	
	AO165
	AP439
	AO223
Qingshi Chen	AP456
Quan Tran Thien Vu	AP456
Que Kim Do	AO140
R	
	AP067
	API80
	AO141
Rachel Mae Dayan Legaspi	AP244
Rajesh Dhoj Joshi	AP244
Ramón Jr. Bagaporo Larrazabal	AP244
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	
	AO192
	AP493
	AP350
	AO173
	AP478
	AP462
	AO161
	AP053





Scott Claxton	API76 AO250
Sei Won Lee	API42
Seohyun Kim	AP213
Seung Hoon Kim	AP292
Shigehisa Kajikawa	AO142
Shih-Lung Cheng	AO085
Shinya Ohkouchi	AO199
Shuanshuan Xie	AO022 AO024
Shu-Hung Kuo	AO114
Shun Takao	AP279
Son Bao Vu	AP028
Son Ngoc Do	AL0013
Sonya Noviana Masyhud	AP413
So-Young Park	API41
Sue In Choi	AP240
Sugeesha Wickramasinghe	AL0026
	AP285
	AL0021
	AP308
	AL0051
	AP286
	AP484
	AP482
	AP483
	AP305
	AP306
	AO265
Sumedha Samankantha Heenagamage	AL0052
	AP307
Sun Hye Shin	AL0050
	AP243
Sun Mi Choi	API89 AO131
Sung Jun Chung	AP321
Sung Kyoung Kim	AP205
Sung Wook Kang	API63
Sungheon Song	AP273
Suniti Yadav	AP293
Suthaphong Tripoppoom	AO132
	API26

Suyastri Suyastri	AP345
Syazatul Syakirin Sirol Aflah	AP276 AO086
<b>T</b>	
T. K. Lim	AO133 AO272
Ta Ba Thang	AO134
Tadashi Sakaguchi	AP036
Tae Yun Park	AP355
Taewon Jang	AP333
Taeyun Kim	AP464
Tai Hato	AP328
Taichi Mochizuki	API53
Taisuke Jo	AP335
Takahiro Ota	AP338
Takashi Matsuhira	AP268
Takashi Tachiwada	AP006
Takashi Tojo	AP334
Takashi Yoshida	AP382
Takatomo Tokito	AP270
Takayasu Nishimaki	AP414
Takayuki Niitsu	AO144
Takehiko Kobayashi	AO253
Takeshi Masuda	AP275
Takuma Katano	AP269
Takuto Sueyasu	AP387
Tamaki Kakuwa	AO176
Tamaki Takahashi	AP412
Tan Wang Jie	AP481
Tanawat Tengsirikomol	AP037
Tantrie Desty Lianawati	AP320
Tanya Buchanan	AL0034
Tao Bian	AO135
Tatsuya Yuba	AP401
Teng Teng Tee	AP437
Teo Ai Huay	AP009
Teruaki Mizobuchi	AO145
Thang Huu Nguyen	AP086
Thanh Duy Vo	AP418
Thanh Hai Ngo Nguyen	API08

Thi Xuan Khanh Nguyen	AL0041
Thu Anh Nguyen	AO123
Thu Nguyen Anh Dau	API25
Thuy Thanh Nguyen	AO227
Thuy Thi Dieu Nguyen	AO193
Tingting Cheng	AO200
Tinh Van Nguyen	AP290 AP291
Toan Thanh Do	AO247
Tome Kamgo	AO089
Tommy Dy Yau	AP258
Tomohiro Akaba	AP434
Tomohiro Handa	AO235
Tomoko Kawahara	AP049
Tomoyasu Uno	AP229
Toshie Manabe	AO178
Toshikazu Takasaki	AP284
Tran Ngoc Buu	AO122
Trang T. T Vu	AP288 AO228
Tri Setia Negara Sinulingga	API65
Tsukasa Ohnishi	API95
Tsunahiko Hirano	AL0009 API58
Tung Duy Phan	AP513
<b>U</b>	
Ulfahimayati Ulfahimayati	AP519
Ungky Agus Setyawan	AO146
<b>V</b>	
Vaibhav Gaur	API82
	AP393
Victor P. Kolosov	AP395
	AP356
Vijay Hadda	AO187
Vily Law	AP020
Vipula R Bataduwaarachchi	AP300
Vu Do	AL0046
	API38
Vu Thuong Le	API39
	API40

Vu Van Giap	AL0011
<b>W</b>	
	AP007
WAD Lakmali Amarasiri	AO195
Wan-Chun Huang	AL0037
Wang Chun Kwok	AO147 AO257
Wee Nee Foo	AO180
Wenhua Jian	AO248
Wenting Luo	AO155 AO274
Win Win Myint	AP459
Wm Wong	AP047
Wong Wai Mun	API34
Won-Il Choi	AO237
Wonjun Ji	AP426
Woo Kyung Kim	AP090
Woohyun Cho	AP210
X	
Xiang Bu	AO259
Xiao Meng Li	AO137 AO224
Xiao-Yue Chen	AO229
	AP370
Xin Tian	AP371 AP372
<b>Y</b>	
Yalei Zhang	AO260
Yang Bai	AO261
Yaoqian Cao	AO136
Yao-qian Cao	AP454
Yaowei He	AO172 AO275
Yasuhiko Koga	AO162
Yasuhiro Setoguchi	AO240
Yeong Long Hsu	AP224
Yeoungha Ryu	AP489
Yessy Susanty Sabri	AP516
Yijue Zhong	AO216

	API90 API91 AO138 AO231
Yijun Chen	
Yina Wang	AP448
Ying Fang	AO225 AO249
Ying-Ji Li	AP092
Yoko Hamakawa	AO232
Yong Fan	AO268
Yosuke Tanaka	AP377
Yosuke Wada	AO269
Youlim Kim	AP246
Youngheon Park	AO201
Yu Jin Kim	AP485
Yu Nakanishi	AP340
	AO139
Yuandi Wang	AO233
Yu-Fan Ho	API60
Yuichi Adachi	AP409
Yuji Inagaki	API01
Yuji Matsumoto	AO188
Yuki Yamamoto	AP271
Yukihiro Yano	AP325
Yukio Nagasaka	AO164
Yuko Sano	API71
Yuko Tanaka	AO263
Yulai Yuan	AL0017
	AP018 AP074 AP075 AP078 AP230
Yu-Lin Andrea Ban	AP520
Yun Su Sim	AP211 AP214
Yunfeng Shi	AP396 AP397
Yunxia Wang	AO217
Yusup Subagio Sutanto	AP346 AP477
Yutaka Kozu	AP220
	AO130
Yuting Lin	AO202 AO255

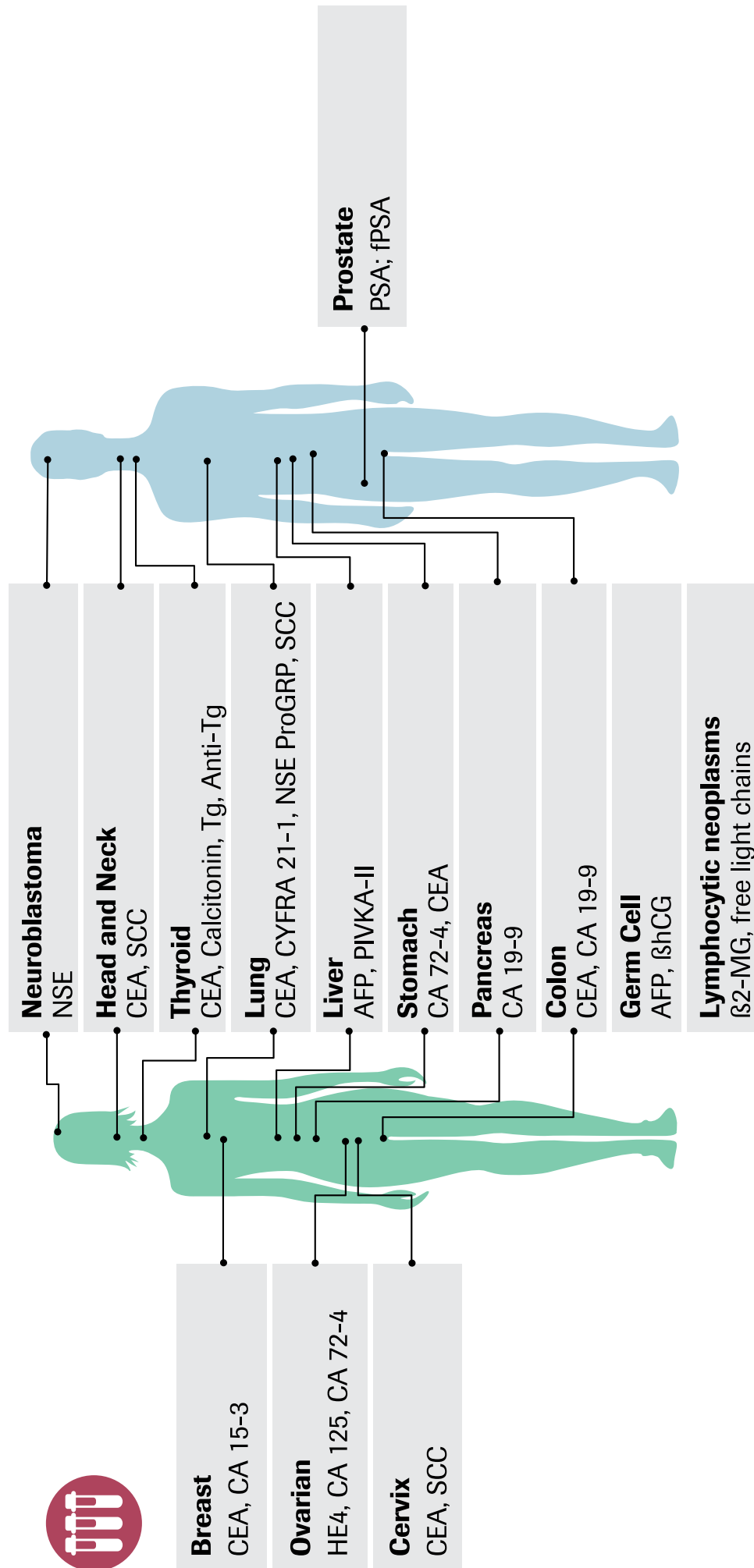
Yuye Zhang	AP389 AO256
<b>Z</b>	
Zhe Zhang	API87 AO234
Zhi Ao	AP283
Zhizhi Wang	AP218
Zuber Ahmad	AO181





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