

# APSR

Hong Kong



# 2024

7 – 10 Nov

The 28<sup>th</sup> Congress of the Asian Pacific Society of Respiriolo

*Personalized Care in Respiriolo*



## Programme Book

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**2024**

7 – 10 Nov

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# Welcome Message from the APSR President

Distinguished guests, esteemed colleagues, and dear friends,

On behalf of the Asian Pacific Society of Respiriology (APSR), it is my great honor and privilege to welcome you all to the 28<sup>th</sup> APSR Congress here in the vibrant city of Hong Kong. I would like to extend my congratulations and gratitude to you for taking the trouble to make a long and difficult journey to attend the congress in honor of our long friendship.

Started in Tokyo, Japan in 1988, the APSR Congress has taken place every year in the Asia Pacific region to advance respiratory health, foster scientific exchange, and build professional networks across the Asia-Pacific region and beyond. Over the years, our Congress has grown into a vital event that brings together clinicians, researchers, and healthcare professionals from diverse disciplines, united by a shared mission: improving respiratory care and health outcomes for our patients. This year, we gather once again to share the latest advancements in research, explore innovative treatment strategies, and engage in meaningful discussions that will shape the future of respiratory medicine.

I would like to express my deepest gratitude to all of our speakers, sponsors, and organizers, whose dedication and hard work have made this Congress possible. A special thanks to our Local Congress Committee here in Hong Kong and the Central Congress Committee for their remarkable effort in ensuring that this event is not only informative but also memorable for all attendees.

As we come together over the next few days, I encourage each of you to take full advantage of the learning opportunities, to engage with your colleagues, and to build lasting connections that will contribute to the continued growth of our field.

Thank you once again for being here. I look forward to an inspiring and productive Congress.



A handwritten signature in black ink that reads "Chul-Gyu Yoo". The signature is fluid and cursive, with a long horizontal stroke at the end.

Chul-Gyu Yoo, MD, Ph.D.  
APSR President



# Welcome Message from Presidents of APSR 2024 Hong Kong Congress

Dear Colleagues,

On behalf of the Local Congress Committee of the 28<sup>th</sup> Congress of the Asian Pacific Society of Respiriology (APSR 2024), we are very excited that APSR 2024 is held on 7 – 10 November 2024 at the Hong Kong Convention and Exhibition Centre in Hong Kong.

APSR 2024 is co-hosted by the Asian Pacific Society of Respiriology (APSR) and the Hong Kong Thoracic Society (HKTS), being sponsored by the Hong Kong Lung Foundation. This is the third time that these two societies join hands to organize APSR Congress in Hong Kong. We have prepared a very comprehensive programme that includes cutting-edge knowledge and advanced technology on research and clinical practice in Respiratory Medicine, Critical Care, Thoracic Oncology, Allergy and Paediatric Pulmonology.

World-known experts from all over the world have been invited to give lectures. Colleagues will meet in Hong Kong to exchange and share their unique experiences and expertise. This Congress provides an excellent opportunity for you to meet with about 2,000 respiratory specialists, allergists, oncologists, paediatricians, scientists, allied health professionals and nurses. This is a Congress that you must attend and support!

Your presence and contribution to the APSR 2024 is greatly appreciated. We look forward to welcoming you personally to this annual Congress, and hope that we jointly enjoy this vibrant and brilliant Congress.



Dr. James Ho  
Congress President  
APSR 2024


A handwritten signature in black ink, appearing to be 'James Ho'.



Dr. Fanny Ko  
Congress President  
APSR 2024

A handwritten signature in black ink, appearing to be 'Fanny Ko'.

# Host Organizations


|   |  |
|---|--|
|  <p>Hong Kong Thoracic Society</p> | <p><b>Hong Kong Thoracic Society</b><br/><a href="https://hkts.hk/index/about/about-hong-kong-thoracic-society">https://hkts.hk/index/about/about-hong-kong-thoracic-society</a></p> |
|---|--|

The Hong Kong Thoracic Society Limited was inaugurated on 13<sup>th</sup> August 1987. It was founded by a group of physicians with special interest in thoracic medicine. They recognized the increasing number of physicians and surgeons who were having special interest in thoracic diseases and the need to form different subspecialty societies and associations locally.

The Society works on the following objectives:

1. To promote the advancement of study of thoracic diseases.
2. To coordinate and correlate the efforts of organizations, companies, associations, societies, institutions, statutory bodies and other authorities and individuals interested in the causes, diagnosis, prevention and treatment of thoracic diseases with a view to reduce morbidity and mortality in Hong Kong.
3. To promote, foster, develop and assist medical and allied professionals in the study of and the acquisition, dissemination and application of knowledge and information concerning the causes, diagnosis, prevention and treatment of thoracic diseases.

During the first year of establishment of the Society, there were only 8 ordinary and associate members. In 2023, the membership has grown to 161 life members, 125 ordinary members and 246 associate members, making up a total of 532 members, and its membership continues to grow.

|   |  |
|---|--|
|  <p>Asian Pacific Society of Respirioloogy</p> | <p><b>Asian Pacific Society of Respirioloogy</b><br/><a href="https://www.apsr.org/">https://www.apsr.org/</a></p> |
|---|--|

Along with the American Thoracic Society and the European Respiratory Society, APSR is one of the largest Respiratory Societies in the world. Having been established in 1986, the Asian Pacific Society of Respirioloogy (APSR) held its first academic conference in Tokyo, Japan in October, 1988, before turning it into an annual occurrence in 2000. It has enjoyed continued growth and is now recognized together with American Thoracic Society (ATS) and the European Respiratory Society (ERS) as major international conferences. APSR is aimed at promoting friendship and the sharing of the latest knowledge and research findings among physicians, nurses, lung function technicians, and respiratory rehabilitation therapists involved in the treatment of respiratory diseases in such Asia-Pacific countries / regions.

# APSR Executive Committee

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**Dr. Chul-gyu Yoo**

FAPSR  
Republic of Korea

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FAPSR  
Japan

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FAPSR  
Japan

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Japan



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FAPSR  
Japan



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FAPSR  
Japan

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Republic of Korea

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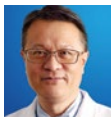


**Dr. Fanny Wai-san Ko**  
The Chinese University of Hong Kong



**Dr. James Chung-man Ho**  
The University of Hong Kong

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**Dr. David Shu-cheong Hui**  
The Chinese University of Hong Kong



**Dr. Mary Sau-man Ip**  
The University of Hong Kong

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**Dr. Macy Mei-sze Lui**  
Queen Mary Hospital



**Dr. Pak-yiu Tse**



**Dr. Wilson Kwok-sang Yee**  
Kwong Wah Hospital

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The Chinese University of Hong Kong



**Dr. David Chi-leung Lam**  
The University of Hong Kong

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Queen Elizabeth Hospital



**Dr. Jane Chun-kwong Chan**  
The University of Hong Kong



**Dr. Wilson Kwok-sang Yee**  
Kwong Wah Hospital

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North District Hospital

## Publicity Committee



**Dr. Yiu-cheong Yeung**  
Princess Margaret Hospital

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Pamela Youde Nethersole Eastern Hospital

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The University of Hong Kong

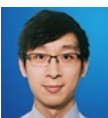
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The Chinese University of Hong Kong



**Dr. Christopher Chan**  
Prince of Wales Hospital



**Dr. Jackson Ka-chun Leung**  
Queen Mary Hospital



# Scientific Programme - Assembly Liaisons

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(Chair)  
Haven of Hope Hospital



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Queen Elizabeth Hospital



**Dr. Betty Hai-ka Young**  
Tung Wah Eastern Hospital

## Cell and Molecular Biology



**Dr. James Chung-man Ho**  
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The University of Hong Kong



**Dr. Judith Choi-wo Mak**  
The University of Hong Kong

## Clinical Allergy & Immunology



**Dr. Christopher Kei-wai Lai**  
(Chair)  
The Chinese University of Hong Kong



**Dr. Fanny Wai-san Ko**  
The Chinese University of Hong Kong



**Dr. Ting-fan Leung**  
The Chinese University of Hong Kong

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**Dr. Wilson Kwok-sang Yee**  
(Chair)  
Kwong Wah Hospital



**Dr. John Yu-hong Chan**  
Princess Margaret Hospital



**Dr. Steven Cee-zhung Tseng**  
Kwong Wah Hospital

## Respiratory Infections (Non-tuberculosis)



**Dr. Man-po Lee**  
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Queen Elizabeth Hospital



**Dr. Ken Ka-pang Chan**  
The Chinese University of Hong Kong



**Dr. Hon-cheung Fan**  
Ruttonjee Hospital

## Tuberculosis



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Grantham Hospital



**Dr. Siu-leung Fung**  
Grantham Hospital



**Dr. Hoi-yee Kwan**  
Kowloon Hospital

## COPD



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Caritas Medical Centre



**Dr. Alice Pik-shan Cheung**  
United Christian Hospital



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North District Hospital

## Lung Cancer



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(Chair)  
The University of Hong Kong



**Dr. James Chung-man Ho**  
The University of Hong Kong



**Dr. Lynn Yim-wah Shong**  
Queen Mary Hospital

# Scientific Programme - Assembly Liaisons

## Asthma



**Dr. Fanny Wai-san Ko**  
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The Chinese University of  
Hong Kong



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The Chinese University of  
Hong Kong



**Dr. Daniel Kwok-keung Ng**  
Hong Kong Sanatorium & Hospital

## Respiratory Neurobiology and Sleep



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Queen Elizabeth Hospital



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Hospital



**Dr. Macy Mei-sze Lui**  
Queen Mary Hospital

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Pamela Youde Nethersole Eastern  
Hospital



**Dr. Chung-fat Lun**  
Alice Ho Miu Ling Nethersole  
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**Dr. Alwin Wai-tak Yeung**  
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## Bronchoscopy and Interventional Techniques



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Queen Elizabeth Hospital



**Dr. Wai-lam Law**  
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The University of Hong Kong

## Paediatric Lung Disease



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CUHK Medical Centre



**Dr. Wa-keung Chiu**  
United Christian Hospital



**Dr. Daniel Kwok-keung Ng**  
Hong Kong Sanatorium & Hospital

## Respiratory Structure and Function



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(Chair)  
North District Hospital



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Tuen Mun Hospital



**Dr. Wang-chun Kwok**  
The University of Hong Kong

## Pulmonary Circulation



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Queen Mary Hospital



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**Dr. Michael Ka-lam Wong**  
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Kwong Wah Hospital



**Dr. Wing-ho Yip**  
Prince of Wales Hospital

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Hong Kong Thoracic Society



**Hong Kong Thoracic Society**  
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**Dr. Neranjan Lissantha Anuruddha Dissanayake**  
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**Taiwan Society of Pulmonary & Critical Care Medicine**  
**Dr. Yuh-min Chen**  
President



**Viet Nam Respiratory Society**  
**Dr. Ngô Quý Châu**  
President



# Speakers

(The below invited speakers are listed according to the alphabetical order of their last names, with their countries / regions included.)

**Professor Ian Adcock**  
United Kingdom

**Professor Sita Andarini**  
Indonesia

**Professor Antonio Anzueto**  
USA

**Professor Philip Bardin**  
Australia

**Professor Alison Bauer**  
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**Professor Guy Brusselle**  
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**Professor Chen-yuan Chiang**  
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**Dr. Wa-keung Chiu**  
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**Professor Tiffany Choi**  
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**Dr. Kah-lin Choo**  
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**Professor Peter Cistulli**  
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**Professor Oliver Distler**  
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**Dr. Michaela Donaghy**  
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**Professor Kwun Fong**  
Australia

**Professor Pin-kuei Fu**  
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**Ms. Brigitte Fung**  
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**Dr. Siu-leung Fung**  
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**Professor Anne Goh**  
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**Dr. Daniel Goh**  
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**Professor Shimpei Gotoh**  
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**Dr. Domenico Luca Grieco**  
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**Professor David Halpin**  
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**Professor Gonzalo Hernandez**  
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**Dr. James Ho**  
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**Dr. Mir Ali Reza Hoda**  
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**Dr. Masayuki Hojo**  
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**Professor Hiromasa Inoue**  
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**Professor Takeshi Isobe**  
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**Professor Kyeongman Jeon**  
Republic of Korea

**Professor Woo-jin Kim**  
Republic of Korea

**Professor Gregory King**  
Australia

**Dr. Hoi-yee Kwan**  
Hong Kong

# Speakers

**Dr. Carrie Kwok**  
Hong Kong

**Dr. Bing Lam**  
Hong Kong

**Dr. Connie Lam**  
Hong Kong

**Professor David Lam**  
Hong Kong

**Dr. Wai-lam Law**  
Hong Kong

**Dr. Francis Lee**  
Singapore

**Professor Gary Lee**  
Australia

**Professor Kang-yun Lee**  
Taiwan

**Ms. Kuen-han Lee**  
Hong Kong

**Professor Kyung-soo Lee**  
Republic of Korea

**Professor Pyng Lee**  
Singapore

**Dr. Jackson Leung**  
Hong Kong

**Ms. Rainbow Leung**  
Hong Kong

**Dr. Ryan Leung**  
Hong Kong

**Professor Ting-fan Leung**  
Hong Kong

**Dr. Wai-man Leung**  
Hong Kong

**Professor David Lewinsohn**  
USA

**Professor Jing Li**  
China

**Professor Si-yue Li**  
China

**Professor Albert Lim**  
Singapore

**Dr. Macy Lui**  
Hong Kong

**Professor Toby Maher**  
USA

**Dr. Asif Mujtaba Mahmud**  
Bangladesh

**Dr. Judith Mak**  
Hong Kong

**Dr. Yumiko Matsuo**  
Japan

**Dr. Rosario Menendez**  
Spain

**Professor Marc Miravittles**  
Spain

**Dr. Veronika Müller**  
Hungary

**Professor Parameswaran Nair**  
Canada

**Professor Matthew Naughton**  
Australia

**Professor Calvin Ng**  
Hong Kong

**Dr. Daniel Ng**  
Hong Kong

**Dr. Joyce Ng**  
Hong Kong

**Professor Ming-yen Ng**  
Hong Kong

**Dr. Jenny Ngai**  
Hong Kong

**Professor Ignatius Ou**  
USA

**Professor Hye-yun Park**  
Republic of Korea

**Professor Moo-suk Park**  
Republic of Korea

**Professor Ian Pavord**  
United Kingdom

**Professor Irina Petrache**  
USA

**Professor David Price**  
Singapore

**Professor Ganesh Raghu**  
USA

**Professor Julio Ramirez**  
USA

**Professor Helen Reddel**  
Australia

**Professor Chin-kook Rhee**  
Republic of Korea

# Speakers

**Professor Patricia Rivera**  
USA

**Dr. Richard Russell**  
United Kingdom

**Professor Silke Ryan**  
Ireland

**Professor Mitsuo Sato**  
Japan

**Professor Susumu Sato**  
Japan

**Dr. Hoi-ue Se**  
Hong Kong

**Dr. Kay-choong See**  
Singapore

**Professor Yoko Shibata**  
Japan

**Dr. Alan Sihoe**  
Hong Kong

**Professor Dave Singh**  
United Kingdom

**Dr. Varinder Singh**  
India

**Professor Ho So**  
Hong Kong

**Professor Yuanlin Song**  
China

**Professor Yongchang Sum**  
China

**Professor Agus Susanto**  
Indonesia

**Professor Kazuhisa Takahashi**  
Japan

**Dr. Terence Tam**  
Hong Kong

**Dr. Guangming Tan**  
Hong Kong

**Dr. Felicia Teo**  
Singapore

**Dr. Elizabeth Tham**  
Singapore

**Dr. Kin-wang To**  
Hong Kong

**Ms. Yuet-ling Tsang**  
Hong Kong

**Dr. Hoi-nam Tse**  
Hong Kong

**Dr. Dora Tsui**  
Hong Kong

**Professor Omar Usmani**  
United Kingdom

**Dr. Jesse Van Akkeren**  
The Netherlands

**Professor Hao-chien Wang**  
Taiwan

**Professor Grant Waterer**  
Australia

**Professor Wisia Wedzicha**  
United Kingdom

**Dr. Jeff Wong**  
Canada

**Dr. Wai-leung Wong**  
Hong Kong

**Professor Dong Yang**  
China

**Professor Kuang-yao Yang**  
Taiwan

**Professor Pan-chyr Yang**  
Taiwan

**Professor Se-ran Yang**  
Republic of Korea

**Professor Brendon Yee**  
Australia

**Dr. Yiu-cheong Yeung**  
Hong Kong

**Professor Chul-gyu Yoo**  
Republic of Korea

**Dr. Chin-wing Yu**  
Hong Kong

**Professor Rongfei Zhu**  
China

# APSR Awards

## APSR Medal



**Professor David Chi-Leung Lam**  
Hong Kong

## Michiyoshi Harasawa Research Award



**Professor Mitsuo Sato**  
Japan  
*Immortalized Normal Human Lung Epithelial Cell Models as Tools for Biomedical Research*

## Ann Janet Woolcock Research Award

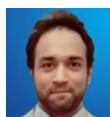


**Professor Philip Bardin**  
Australia  
*Research to Understand, Diagnose and Treat Disease in The Upper, Middle and Lower Airway - A United Airway Approach*

## Fukuchi Award (for Best Original Research Paper in Respiriology)



**Dr. Rachel E. Foong**  
Australia  
*Longitudinal Effects of Prenatal Exposure to Plastic-Derived Chemicals and Their Metabolites on Asthma and Lung Function From Childhood Into Adulthood*



**Dr. Bilal Malik**  
Australia  
*Severe Asthma ILC2s Demonstrate Enhanced Proliferation That Is Modified by Biologics*

## Clean Air Research Award



**Dr. Qiang Zheng**  
Australia  
*Long-Term Exposure to Low Concentrations of Air Pollution and Decline in Lung Function in People with Idiopathic Pulmonary Fibrosis: Evidence from Australia*

## APSR / ATS Young Investigator Award



**Dr. Christopher V. Cosgriff**  
USA  
*Machine Learning of Heterogeneous Response to Resuscitation Strategy in Patients with Sepsis-induced Hypotension*



**Dr. Daniel Croft**  
USA  
*Change in Rate of Healthcare Encounters for Influenza From Source-Specific PM2.5 after Tier 3 Vehicle Standards in New York State*

## APSR / ERS Young Investigator Award



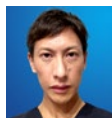
**Dr. Cally Ho-sum Wong**  
Hong Kong  
*Performance of Xpert MTB/RIF Ultra Assay For Diagnosis of Tuberculosis: A Retrospective Study in a City with Intermediate Tuberculosis Burden*



**Dr. Charles Wong**  
Hong Kong  
*Real World Evaluation of The Biofire FilmArray Pneumonia Panel in Adults Hospitalized for Exacerbations of Chronic Obstructive Pulmonary Disease*

# APSR Awards

## APSR / JRS Young Investigator Award



**Dr. Yoichi Tagami**

Japan

*Telomere Length as A Prognostic Biomarker for Patients with Familial Interstitial Pneumonia*



**Dr. Yoshifumi Suzuki**

Japan

*Ex Vivo Cultured Peripheral Blood Mononuclear Cell Transplantation Improves Pulmonary Hypertension via Restoration of Pulmonary Arterial Endothelial Cell Function*



**Dr. Natsuki Nakagawa**

Japan

*Risk Factors for Drug-Resistance Pathogens in Community-Acquired Pneumonia: A Systematic Review and Meta-Analysis*

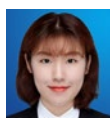
## APSR Travel Award



**Dr. Zhou Jin**

China

*Association Between Polycyclic Aromatic Hydrocarbons Exposure and Current Asthma: A Population-Based Study*



**Dr. Yuhui Qiang**

China

*Development of Machine Learning Model in Prediction of The Rapid Progression of Interstitial Lung Disease in Patients With Idiopathic Inflammatory Myopathy*



**Dr. Nozomi Kawabe**

Japan

*A Long Non-Coding RNA LINC X, Induced by The Mutant KRAS, is A Potential Therapeutic Target for Lung Cancer*



**Dr. Sangryul Cha**

Republic of Korea

*Substances C Induces NFκB & MAPK-Mediated Apoptosis Via Enhancing ROS in Mouse Model*



**Dr. Lifei Lu**

China

*Long-Term Variability of Small Airway Dysfunction Defined by Impulse Oscillometry And Poor Outcomes: Results From The ECOPD Cohort Study*



**Dr. Sean Fergie Verallo**

Philippines

*Sarcopenia Measured Using a Point-of-Care Ultrasound (POCUS) as a Predictor For Hospital Adverse Outcomes Among Medical Intensive Care Unit Patients in a Tertiary Hospital in Manila, Philippines*



**Dr. Junfeng Huang**

China

*The Diagnostic Performance of Robotic Bronchoscopy Systems Versus Electromagnetic Navigation and Fluoroscopy: a Multicenter, Prospective, Randomized-Controlled Trial (Optimal Trial)*



**Dr. Siying Ren**

China

*The m6A Reader IGF2BP1 Facilitates Macrophage Glycolytic Metabolism and Fibrotic Phenotype to Promote Pulmonary Fibrosis via IGF2BP1/THBS1/TLR4 axis*



**Dr. Yifan Wu**

China

*Lung IgE+ Plasma Cells With Unique Phenotype Play an Important Role in Allergic Bronchopulmonary Aspergillosis*



**Dr. Kughanishah Jeyabalan**

Malaysia

*Exploring Ocular Tuberculosis at a Tertiary Centre in Northern Malaysia: An Analysis of Characteristics and Outcomes.*



# APSR Awards

## APSR Young Investigator Travel Award



**Dr. Dan Liu**

China

*Obstructive Sleep Apnea Disrupts the Circadian Rhythm of Patients with Idiopathic Pulmonary Interstitial Fibrosis*



**Dr. Jimin Jang**

Republic of Korea

*Protective Effect of Rage Inhibitor Compound a on Emphysema*



**Dr. Joon-young Choi**

Republic of Korea

*Spirometric Transition of at Risk Individuals and Risks for Progression to Chronic Obstructive Pulmonary Disease in General Population*



**Dr. Yue Su**

China

*Engineered MSC-Derived Small Extracellular Vesicles Rescue Endoplasmic Reticulum Stress Reprogram Macrophage Polarization In ARDS*



**Dr. Lisi Luo**

China

*Airway Basal Stem Cell-Derived Extracellular Vesicles Modulate Proliferation, Migration and Collagen Deposition of Fibroblasts*



**Dr. Tianchang Wei**

China

*Comprehensive Analysis of Pyroptosis-Related Subtypes Correlated with Survival and Immune Signatures in Lung Adenocarcinoma*



**Dr. Ming Yang**

China

*Nasal Inflammation in Children with Obstructive Sleep Apnoea*



**Dr. Yizhong Zheng**

Australia

*Comparison of Auto-Titrating and Fixed Continuous Positive Airway Pressure in Treating Obesity Hypoventilation Syndrome with Severe Obstructive Sleep Apnoea*



**Dr. Liliang Yang**

China

*Unveiling Spatial Crosstalk in Pulmonary Fibrosis*



**Dr. Yan Hu**

China

*TRIM27 Revealed by TEP RNA-seq as a Potential Biomarker for Malignant GGO Diagnosis Mediated Glycolysis of Non-Small Cell Lung Cancer Cells Partially Through HOXM1*

## Hong Kong Lung Foundation Prof Wah-kit Lam Young Investigator Award



**Dr. Wang-chun Kwok**

Hong Kong

*Variability of Blood Eosinophil Level of Chronic Obstructive Pulmonary Disease Patients in Association with Risk of Exacerbation - A Prospective Clinical Study (Velocity Study)*

## APSR / Peter Sly Paediatric Young Investigator Award



**Dr. Citra Cesilia**

Indonesia

*Clinical Features of Indonesian Adolescents with Post-Tuberculosis Lung Disease (PTLD): A Comparison Study Between Drug Resistance and Drug Sensitivity Tuberculosis*

## APSR / Norbert Berend COPD Young Investigator Award



**Dr. Phumipat Pipattanasak**

Thailand

*Serum Uric Acid as a Predictor and Prognostic Indicator of Acute Exacerbation and Mortality in Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis*

## APSR / Paul Zimmerman Physiology Young Investigator Award



**Dr. Albert Mitchell Yap**

Philippines

*The Effect of Hospitalization on the Sleep Quality of Adult Hospitalized Surgical Ward Patients in a Tertiary Government Hospital: a Cohort Study*

# APSR Awards

## APSR / Malcolm Winterburn Lung Cancer Young Investigator Award



**Dr. Kezreen Kaur Dhaliwal**

Malaysia

*Low Dose and Ultra-Low Dose Afatinib: Do They Work*

## APSR / APTA Young Investigator Award



**Dr. Leng Cheng Sia**

Malaysia

*Baseline Predictors Of Mortality In Non-Idiopathic Pulmonary Fibrosis Interstitial Lung Disease (Non-IPF ILD)*

## APSR / KYF Young Investigator Award for Geriatric Respiriology

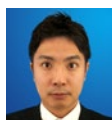


**Dr. Siyu Dai**

China

*Lung Function and Circulatory Inflammation Markers in Older Male Amateur Marathon Runners and Their Age-Matched Inactive Controls*

## APSR / KF-CB Lung Cancer Research Young Investigator Award



**Dr. Yosuke Chiba**

Japan

*Tumor Intrinsic Caspase-4 Promotes Both Metastasis and Interferon-Gamma Induced Pyroptosis In Lung Adenocarcinoma*

## APSR / J. Patrick Barron Medical Education Young Investigator Award



**Dr. Minh Phuong Trinh**

Republic of Korea

*Determination of Criteria for Mycobacterial Interspersed Repetitive Unit-Variable Number Tandem Repeat Typing Capable of Differential Diagnosis of Mycobacterium Intracellulare Recurrence/Re-Infection.*



**Dr. Nobuyasu Awano**

Japan

*Safety of Transbronchial Lung Cryobiopsy Compared to Transbronchial Forceps Biopsy in Patients with Interstitial Lung Disease: An Observational Study Using a National Database in Japan*

## APSR / KATRD Young Investigator Award



**Dr. Sooim Sin**

Republic of Korea

*Effect of Antiplatelet Agents on Long-Term Clinical Outcomes in Patients with COPD: A Propensity Score-Matched Analysis of Real-World Data*

## APSR / PCCP Young Investigator Award



**Dr. Jairus Cabajar**

Philippines

*The Effect of Smoking on Mortality Among Adult Patients with Inhalation Injury in A Tertiary Referral Center: An Analytical Retrospective Cohort Study*

## APSR / VNRS Young Investigator Award



**Dr. Quoc-khanh Tran-Le**

Vietnam

*The Utility Of Lung Ultrasound In Monitoring And Prognosing Community-Acquired Pneumonia*

# APSR Awards

## APSR / Woolcock Vietnam Young Investigator Award



**Dr. Van Duong -Thi -Thanh**

Vietnam

*Prevalence of Methicillin-Resistant Staphylococcus Aureus Pneumonia in A Tertiary Hospital of Vietnam with Emphasis on Overprescription and Inconsistent Use of Empiric Therapy: A Prospective Surveillance*

## APSR / VNRS Young Investigator Award for Lung Cancer Research



**Dr. Luan Pham Van**

Vietnam

*Excellent Survival Benefit Achieved In Patients with Advanced Stage Non-Small Cell Lung Cancer Harboring The EGFR-G719X Mutation Treated By Afatinib: The Real-World Data from Multicenter in Vietnam.*

## APSR Clean Air Congress Abstract Award



**Dr. Fadhlul Huda Suardi**

Indonesia

*Impact of Bricks Kiln Air Pollution on Workers' Pulmonary Function in Beachfront Aceh Besar*

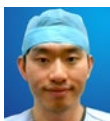


**Dr. Yogi Himawan**

Indonesia

*Acute Respiratory Symptoms after Exposure to Volcanic Ash*

## APSR / PE Young Investigator Award for Clinical Resp Medicine Research



**Dr. Yu-feng Shi**

Australia

*Perioperative Respiratory Complications Requiring Pressure Support Therapy for Patients Undergoing Bariatric Surgery – A Retrospective Analyses Over 5 Years*

## APSR / Eric Lim Brompton Thoracic Surgery Young Investigator Award





**Dr. Natthawut Chuensawad**

Thailand

*Correlation Between Field Walking Tests and Postoperative Cardiopulmonary Complications in Patients Undergoing Lung Surgery*

# General Congress Information

|                           |  |
|---------------------------|--|
| Host Organizations        | <div data-bbox="536 253 616 331">  </div> <div data-bbox="651 264 1098 331"> <b>Asian Pacific Society of Respiriology</b><br/> <a href="https://www.apsr.org/">(https://www.apsr.org/)</a> </div> <div data-bbox="512 360 624 427">  </div> <div data-bbox="651 371 1409 439"> <b>Hong Kong Thoracic Society</b><br/> <a href="https://hkts.hk/index/about/about-hong-kong-thoracic-society">                     (https://hkts.hk/index/about/about-hong-kong-thoracic-society)                 </a> </div> |
| Congress Title            | 28 <sup>th</sup> Congress of the Asian Pacific Society of Respiriology   |
| Congress Website          | <a href="http://www.apsr2024.hk">www.apsr2024.hk</a>   |
| Congress Theme            | Personalized Care in Respiriology  |
| Congress Date             | 7 – 10 November 2024   |
| Congress Venue            | APSR 2024 is held at the Hong Kong Convention and Exhibition Centre (HKCEC) located in Wanchai on Hong Kong Island. For more information about HKCEC, please visit <a href="http://www.hkcec.com">www.hkcec.com</a> .  |
| Official Language         | English  |
| Academic Accreditations   | Continuing Medical Education (CME), Continuing Nursing Education (CNE) and Continuous Professional Development (CPD) points have been applied for from relevant colleges and associations in Hong Kong.  |
| Congress Badges           | Congress badges must be worn at all time for admittance to APSR 2024 programme as well as at the social programmes.  |
| Exhibition                | <p>In conjunction with the Congress, an exhibition featuring the latest information, products, equipment and educational materials in respiratory disease is held on Level 1.</p> <p>Admission to the exhibition is free for all registered participants.</p>  |
| Liability                 | The Host and Local Congress Committee are not responsible for personal accidents or damages to the private property of registered participants. It is suggested that participants make their own arrangements with respect to medical, accident and other necessary insurance.   |
| Certificate of Attendance | e-Certificate of attendance will be given to the attendees after the Congress.   |
| Wi-Fi Access              | Complimentary Wi-Fi service is provided by the HKCEC. There is a 4-hour usage limit of each session. You can login again after each session or disconnection.  |
| Congress Secretariat      | <p>MIMS (Hong Kong) Limited<br/>                     37/F., Citicorp Centre, 18 Whitfield Road<br/>                     Causeway Bay, Hong Kong<br/>                     Tel: (852) 2155 8557<br/>                     Fax: (852) 2559 6910<br/>                     Email: <a href="mailto:enquiry@apsr2024.hk">enquiry@apsr2024.hk</a></p>   |

# Opening Ceremony and Social Programmes

## Opening Ceremony and Welcome Reception

All delegates and accompany persons are cordially invited to the Opening Ceremony.

Mr. John Lee GBM, SBS, PDSM, PMSM, Chief Executive of the Government of the Hong Kong Special Administrative Region has been invited as the Guest of Honour.

Performance of the Traditional Chinese Drum Show will bring us an excellent and brilliant moment.

**Date:** 7 Nov 2024 (Thu)

**Time:** 18:00 – 19:00

**Venue:** Convention Hall, Level 1, Phase 1  
Hong Kong Convention and Exhibition Centre  
Harbour Road, Wanchai



## Gala Dinner

Gala Dinner is one of the highlights at the Congress. Experts and colleagues from all over the world are connected and meet together at this remarkable activity.

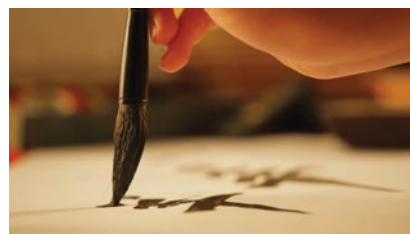
Awards will be presented at the Gala Dinner. Various performances such as singing, dancing, Chinese orchestra and calligraphy will be organized to enlighten the theme "Friendship", and will make the event be filled with joy and laughter.

**Date:** 9 Nov 2024 (Sat)

**Time:** 19:30 – 22:30

**Venue:** Ballroom, Island Shangri-la Hotel  
Pacific Place, Supreme Court Road, Central

**Entrance:** by Invitation and / or Ticket only



## Closing Ceremony

All delegates and accompany persons are cordially invited to the Closing Ceremony. Apart from the Closing Speeches to be given by Dr. James Ho and Dr. Fanny Ko, Congress Presidents of the Local Congress Committee of APSR 2024 and the Presidential Speech to be given by Dr. Chul-gyu Yoo, President of APSR, Handover Ceremony is the occasion to bid farewell to APSR 2024, and to express blessings to the coming APSR 2025 which will be held in Manila, The Philippines.

**Date:** 10 Nov 2024 (Sun)

**Time:** 13:15 – 13:45

**Venue:** Lecture Theatre 2, Level 1, Phase 1  
Hong Kong Convention and Exhibition Centre  
Harbour Road, Wanchai



# APSR Assembly Meetings with Education Award Sessions and Annual General Meeting (AGM)

## APSR Meetings

| Assembly   | Date                              | Room No. |
|--|-----------------------------------|----------|
| Critical Care Medicine                               | 8 Nov 2024 (Fri)<br>16:30 – 18:00 | S422     |
| COPD   |                                   | S423     |
| Cell and Molecular Biology                           |                                   | S424     |
| Bronchoscopy and Interventional Techniques           |                                   | S425     |
| Respiratory Neurobiology and Sleep                   |                                   | S426     |
| Clinical Respiratory Medicine                        |                                   | S427     |
| Respiratory Structure and Function                   |                                   | S429     |
| Pulmonary Circulation                                |                                   | S430     |
| Tuberculosis   | 9 Nov 2024 (Sat)<br>16:30 – 18:00 | S422     |
| Respiratory Infections (non-tuberculous)             |                                   | S423     |
| Environmental & Occupational Health and Epidemiology |                                   | S424     |
| Lung Cancer  |                                   | S425     |
| Interstitial Lung Disease                            |                                   | S426     |
| Asthma   |                                   | S427     |
| Clinical Allergy & Immunology                        |                                   | S429     |
| Paediatric Lung Disease                              |                                   | S430     |

Remark: Room numbers and other details may be subject to change. Any updates will be announced and appeared at the Congress.

## APSR General Meeting (AGM)

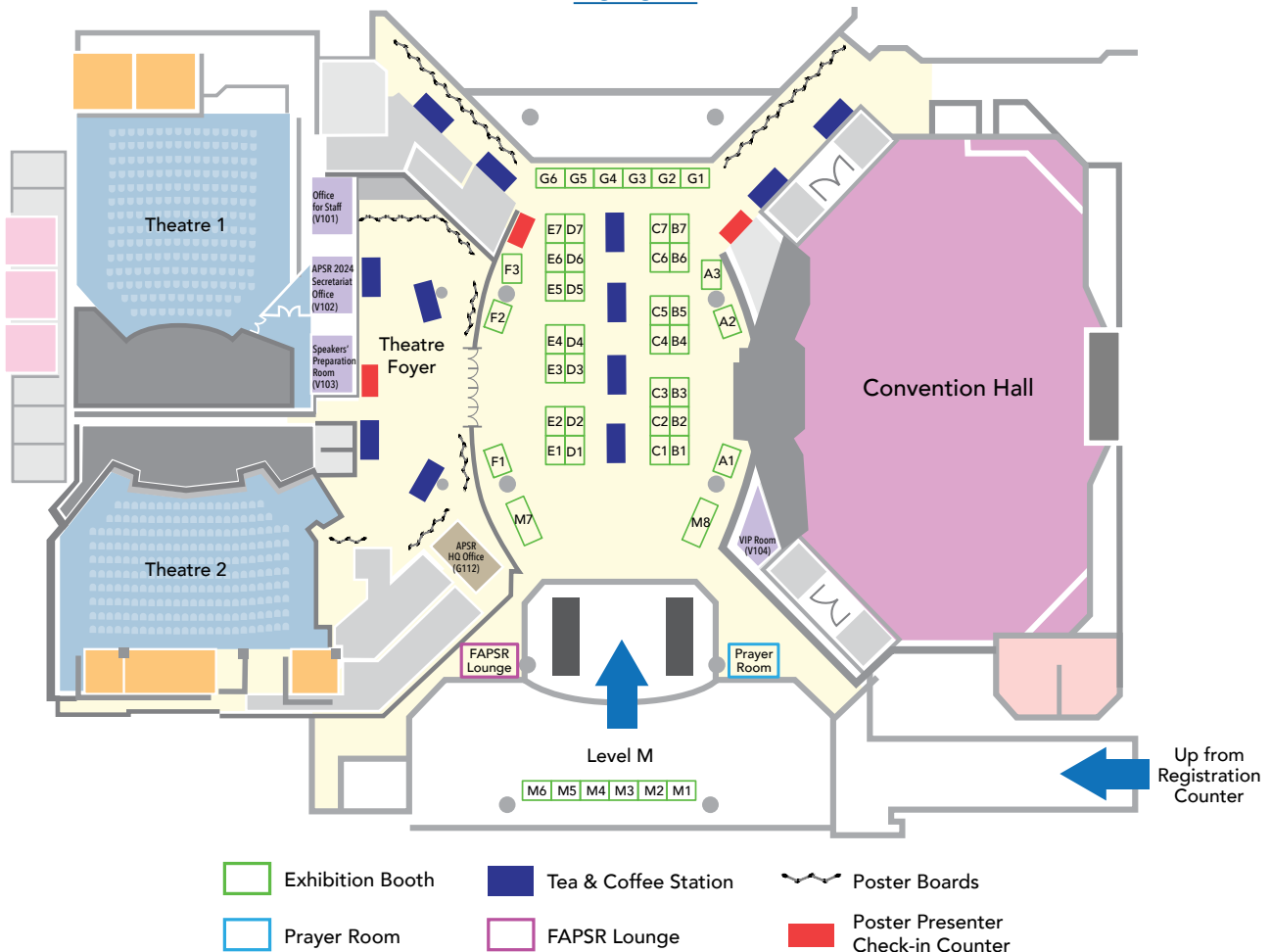
| Meeting                | Date                              | Room No. |
|------------------------|-----------------------------------|----------|
| Annual General Meeting | 7 Nov 2024 (Thu)<br>16:30 – 17:00 | S428     |

Remark: For APSR members only.

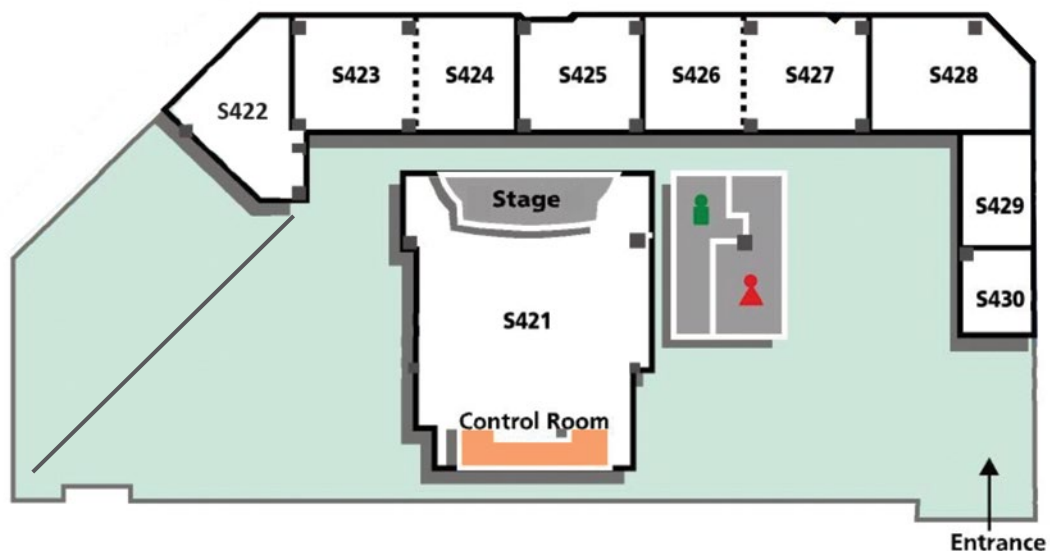
# Floor Plan

## Phase 1, Hong Kong Convention and Exhibition Centre

### Level 1



### Level 4



# List of Exhibitors

| Exhibitors   | Booth No.        |
|--|------------------|
| American Thoracic Society (ATS)                    | M4               |
| APSR   | M1 – M2          |
| APSR en Bloc Societies and FIRS                    | M7 & M8          |
| AstraZeneca Hong Kong Limited                      | D1 – D2, E1 – E2 |
| Boehringer Ingelheim (Hong Kong) Ltd.              | B4 – C4          |
| Broncus Medical                                    | G3               |
| DKSH Hong Kong Limited                             | F2               |
| Erbe Elektronmedizin GmbH                          | B6 – B7          |
| European Respiratory Society (ERS)                 | M5               |
| Gilead Sciences Hong Kong Limited                  | F1               |
| GlaxoSmithKline Limited                            | B1 – B3, C1 – C3 |
| Intuitive Surgical, Inc                            | F3               |
| Janssen, a division of Johnson & Johnson (HK) Ltd. | A2               |
| Japanese Respiratory Society (JRS)                 | M6               |
| LungHealth MedTech                                 | D5 – E5          |
| Merck Sharp & Dohme (Asia) Ltd.                    | A1               |
| Olympus Hong Kong and China Limited                | D3 – D4, E3 – E4 |
| Organon Hong Kong Limited                          | B5               |
| Petrovax Pharm                                     | G2               |
| Pfizer Corporation Hong Kong Limited               | D6 – D7, E6 – E7 |
| Respirology  | M3               |
| Roche  | C6 – C7          |
| Sanofi Hong Kong Limited                           | G6               |
| Shanghai Anqing Medical Instrument Co., Ltd.       | C5               |
| Shanghai Everair Medical Technology Co., Ltd.      | G1               |
| Trudell Medical UK Limited                         | G4               |
| Vyaire Medical GmbH                                | G5               |
| Zenfields (HK) Limited                             | A3               |

# Academic Accreditations

(Applicable for Hong Kong Delegates only.)

| Organization                                     | 7 Nov 2024<br>(Thu)                           |  |                            |                            | 8 Nov 2024<br>(Fri) | 9 Nov 2024<br>(Sat) | 10 Nov 2024<br>(Sun) |
|--|---|--|----------------------------|----------------------------|---------------------|---------------------|----------------------|
|  | Pre-congress<br>Workshop 1 -<br>Lectures only | Pre-congress<br>Workshop 1 -<br>Lectures and<br>Hands-on | Pre-congress<br>Workshop 2 | Pre-congress<br>Workshop 3 | Congress<br>Day 1   | Congress<br>Day 2   | Congress<br>Day 3    |
| Hong Kong<br>College of<br>Community<br>Medicine |   |  |                            | (To be Advised)            |                     |                     |                      |
| Hong Kong<br>College of Family<br>Physicians     | 3   | 6  | 3                          | 3                          | 5                   | 5                   | 3                    |
| Hong Kong<br>College of<br>Paediatricians        | 3   | 6  | 3                          | 3                          | 15                  |                     |                      |
| Hong Kong<br>College of<br>Physicians            | 3   | 6  | 3                          | 3                          | 7                   | 7                   | 3.5                  |
| Hong Kong<br>College of<br>Radiologists          |   |  |                            | (To be Advised)            |                     |                     |                      |
| College of<br>Surgeons of<br>Hong Kong           | 3   | 6  | 3                          | 3                          | 6                   | 6                   | 6                    |
| MCHK<br>Programme                                |   |  |                            | (To be Advised)            |                     |                     |                      |
| Continuing<br>Nursing<br>Education               |   |  |                            | (To be Advised)            |                     |                     |                      |
| Occupational<br>Therapists Board                 |   |  |                            | (To be Advised)            |                     |                     |                      |
| Hong Kong<br>Physiotherapy<br>Association        |   |  |                            | (To be Advised)            |                     |                     |                      |

# Programme-at-a Glance

**Day 1: 7 Nov 2024 (Thu)**

| Time / Venue  | Level 4, Phase 1 (Old Wing)  |  |  |
|---------------|--|--|--|
|               | Room S423 – 4  | Room S425                                    | Room S426 – 7  |
| 09:30 – 11:00 | <b>Pre-congress Workshop 1</b><br>Bronchoscopy and Interventional Techniques (Lectures ONLY) |  |  |
| 11:00 – 11:30 | Coffee Break   |  |  |
| 11:30 – 13:00 | <b>Pre-congress Workshop 1</b><br>Bronchoscopy and Interventional Techniques (Lectures ONLY) |  |  |
| 13:00 – 14:00 | Lunch Break  |  |  |
| Time / Venue  | Room S421  |  |  |
| 14:00 – 15:30 | <b>Pre-congress Workshop 1</b><br>Bronchoscopy and Interventional Techniques (Hands-on)      | <b>Pre-congress Workshop 2</b><br>Paediatric | <b>Pre-congress Workshop 3</b><br>Management of Asthma |
| 15:30 – 16:00 | Coffee Break   |  |  |
| 16:00 – 17:30 | <b>Pre-congress Workshop 1</b><br>Bronchoscopy and Interventional Techniques (Hands-on)      | <b>Pre-congress Workshop 2</b><br>Paediatric | <b>Pre-congress Workshop 3</b><br>Management of Asthma |

| Time / Venue  | Level 1, Phase 1 (Old Wing)          |
|---------------|--------------------------------------|
|               | Convention Hall                      |
| 18:00 – 19:00 | Opening Ceremony & Welcome Reception |



# Programme-at-a Glance

**Day 2: 8 Nov 2024 (Fri)**

| Time / Venue  | Level 1, Phase 1 (Old Wing)   |  |  |
|---------------|---|--|--|
|               | Convention Hall   | Lecture Theatre 1  | Lecture Theatre 2  |
| 08:30 – 09:00 | <b>Presidential Lecture</b>   |  |  |
| 09:00 – 09:30 | <b>Ann Woolcock Memorial Lecture</b>  |  |  |
| 09:30 – 11:00 | <b>Parallel Session 1A</b><br>Clinical Respiratory Medicine (1)             | <b>Parallel Session 1B</b><br>Respiratory Neurobiology and Sleep (1) | <b>Parallel Session 1C</b><br>Cell and Molecular Biology (1)                       |
| 11:00 – 11:30 | Coffee Break  |  |  |
| 11:30 – 13:00 | <b>Parallel Session 2A</b><br>Respiratory Infections (non-tuberculosis) (1) | <b>Parallel Session 2B</b><br>Tuberculosis (1)                       | <b>Parallel Session 2C</b><br>Environmental & Occupational Health and Epidemiology |
| 13:00 – 14:15 | Lunch Break   |  |  |
| 14:15 – 15:45 | <b>Parallel Session 3A</b><br>Asthma  | <b>Parallel Session 3B</b><br>COPD (2)                               | <b>Parallel Session 3C</b><br>Critical Care Medicine (1)                           |
| 15:45 – 16:15 | Coffee Break  |  |  |
| 16:15 – 17:45 | <b>Parallel Session 4A</b><br>Joint Asthma, Clinical Allergy & Immunology   | <b>Parallel Session 4B</b><br>Lung Cancer (1)                        | <b>Parallel Session 4C</b><br>Paediatric Lung Disease (1)                          |

# Programme-at-a Glance

**Day 2: 8 Nov 2024 (Fri)**

| Time / Venue  | Level 4, Phase 1 (Old Wing)  |   |   |   |
|---------------|--|---|---|---|
|               | Room S421  | Room S422   | Room S425   | Room S429   |
| 09:30 – 11:00 |  | <b>Oral 1</b><br>COPD                                 | <b>Oral 2</b><br>Bronchoscopy and<br>Interventional<br>Techniques (1) | <b>Oral 3</b><br>Interstitial<br>Lung Disease (1) |
| 11:00 – 11:30 | Coffee Break   |   |   |   |
| 11:30 – 13:00 | <b>Parallel Session<br/>2D</b><br>COPD (1)   | <b>Oral 4</b><br>Clinical Respiratory<br>Medicine (1) | <b>Oral 5</b><br>Bronchoscopy and<br>Interventional<br>Techniques (2) | <b>Oral 6</b><br>Interstitial<br>Lung Disease (2) |
| Time / Venue  | Room S421  | Room S423 – 4   |   | Room S426 – 7                                     |
| 13:00 – 14:15 | <b>Lunch Symposium 1</b><br>(GSK)  | <b>Lunch Symposium 2</b><br>(BI)                      |   | <b>Lunch Symposium 3</b><br>(Roche)               |
| Time / Venue  | Room S421  | Room S422   | Room S425   | Room S429   |
| 14:15 – 15:45 | <b>Parallel Session<br/>3D</b><br>Respiratory<br>Infections<br>(non-tuberculosis)<br>(2) | <b>Oral 7</b><br>Clinical Respiratory<br>Medicine (2) | <b>Oral 8</b><br>Paediatric<br>Lung Disease                           | <b>Oral 9</b><br>Cell and Molecular<br>Biology    |
| 15:45 – 16:15 | Coffee Break   |   |   |   |
| Time / Venue  | Room S421  |   |   |   |
| 17:45 – 19:00 | <b>Evening<br/>Symposium 1</b><br>(AZ)   |   |   |   |

# Programme-at-a Glance

## Day 3: 9 Nov 2024 (Sat)

| Time / Venue  | Level 1, Phase 1 (Old Wing)  |  |   |
|---------------|--|--|---|
|               | Convention Hall  | Lecture Theatre 1  | Lecture Theatre 2   |
| 08:30 – 09:00 | Invited Lecture (1)  |  |   |
| 09:00 – 09:30 | Michiyoshi Harasawa Memorial Lecture                                     |  |   |
| 09:30 – 11:00 | <b>Parallel Session 5A</b><br>Clinical Respiratory Medicine (2)          | <b>Parallel Session 5B</b><br>Respiratory Neurobiology and Sleep (2) | <b>Parallel Session 5C</b><br>Cell and Molecular Biology (2)                  |
| 11:00 – 11:30 | Coffee Break   |  |   |
| 11:30 – 13:00 | <b>Parallel Session 6A</b><br>Interstitial Lung Disease (1)              | <b>Parallel Session 6B</b><br>Tuberculosis (2)                       | <b>Parallel Session 6C</b><br>Diversity and Inclusion in Respiratory Medicine |
| 13:00 – 14:15 | Lunch Break  |  |   |
| 14:15 – 15:45 | <b>Parallel Session 7A</b><br>Clinical Allergy & Immunology              | <b>Parallel Session 7B</b><br>Lung Cancer (2)                        | <b>Parallel Session 7C</b><br>Paediatric Lung Disease (2)                     |
| 15:45 – 16:15 | Coffee Break   |  |   |
| 16:15 – 17:45 | <b>Parallel Session 8A</b><br>Bronchoscopy and Interventional Techniques | <b>Parallel Session 8B</b><br>COPD (3)                               | <b>Parallel Session 8C</b><br>Critical Care Medicine (2)                      |

| Time / Venue  | Island Shangri-la Hotel |
|---------------|-------------------------|
|               | Ballroom, Level 5       |
| 19:30 – 22:30 | Gala Dinner*            |

\*Round-trip transfer will be provided.

# Programme-at-a Glance

## Day 3: 9 Nov 2024 (Sat)

| Time / Venue  | Level 4, Phase 1 (Old Wing)   |   |                                   |                                    |
|---------------|-------------------------------|---|-----------------------------------|------------------------------------|
|               | Room S421                     | Room S422   | Room S425                         | Room S429                          |
| 09:30 – 11:00 | YIA Paper Oral Presentation 1 | <b>Oral 10</b><br>Respiratory Infections (non-tuberculosis) (1) | <b>Oral 11</b><br>Lung Cancer (1) | <b>Oral 12</b><br>Tuberculosis (1) |
| 11:00 – 11:30 |                               | Coffee Break  |                                   |                                    |
| 11:30 – 11:45 |                               | <b>Oral 13</b><br>Respiratory Infections (non-tuberculosis) (2) | <b>Oral 14</b><br>Lung Cancer (2) | <b>Oral 15</b><br>Asthma           |
| 11:45 – 13:00 |                               |   |                                   |                                    |

| Time / Venue  | Room S421                        | Room S423 – 4  |                                     | Room S426 – 7               |  |
|---------------|----------------------------------|--|-------------------------------------|-----------------------------|--|
| 13:00 – 14:15 | Lunch Symposium 4<br>(GSK)       | Lunch Symposium 5<br>(BI)  |                                     | Lunch Symposium 6<br>(AZ)   |  |
| Time / Venue  | Room S421                        | Room S422  | Room S425                           | Room S429                   |  |
| 14:15 – 15:45 | YIA Paper Oral<br>Presentation 2 | Oral 16<br>Environmental<br>& Occupational<br>Health and<br>Epidemiology | Oral 17<br>Pulmonary<br>Circulation | Oral 18<br>Tuberculosis (2) |  |
| 15:45 – 16:15 | Coffee Break                     |  |                                     |                             |  |
| Time / Venue  | Room S421                        |  |                                     |                             |  |
| 17:45 – 19:00 | Evening<br>Symposium 2<br>(GSK)  |  |                                     |                             |  |

| Time / Venue  | Island Shangri-la Hotel |
|---------------|-------------------------|
|               | Ballroom, Level 5       |
| 19:30 – 22:30 | Gala Dinner*            |

\*Round-trip transfer will be provided.

# Programme-at-a Glance

**Day 4: 10 Nov 2024 (Sun)**

| Time / Venue  | Level 1, Phase 1 (Old Wing)             |  |  |
|---------------|---|--|--|
|               | Convention Hall                         | Lecture Theatre 1  | Lecture Theatre 2                            |
| 08:30 – 09:00 | Invited Lecture (2)                     |  |  |
| 09:00 – 09:30 | Invited Lecture (3)                     |  |  |
| 09:30 – 11:00 | Parallel Session 9A<br>APSR-GOLD        | Parallel Session 9B<br>Interstitial Lung Disease (2)       | Parallel Session 9C<br>Pulmonary Circulation |
| 11:00 – 11:30 | Coffee Break                            |  |  |
| 11:30 – 13:00 | Parallel Session 10A<br>Asthma and COPD | Parallel Session 10B<br>Respiratory Structure and Function | Parallel Session 10C<br>Lung Cancer (3)      |
| 13:15 – 13:45 |   |  | Closing Ceremony                             |

| Time / Venue  | Level 4, Phase 1 (Old Wing)                                   |   |   |                                   |
|---------------|---|---|---|-----------------------------------|
|               | Room S421   | Room S422                                     | Room S425                                     | Room S429                         |
| 08:00         | Registration  |   |   |                                   |
| 09:30 – 11:00 | Parallel Session 9D<br>Respirology & Respirology Case Reports | Oral 19<br>Respiratory Neurobiology and Sleep | Oral 20<br>Respiratory Structure and Function | Oral 21<br>Critical Care Medicine |



# Pre-Congress Workshop 1

Workshop Title: **Bronchoscopy and Interventional Techniques - Lectures**  
Date: 7 Nov 2024 (Thu)  
Time: 09:30 – 13:00  
Venue: Room S423 – 4, Level 4, Phase 1 (Old Wing), HKCEC  
Chairs: Dr. Wai-lam Law and Dr. Yiu-cheong Yeung

## Programme

| Time          | Topic  | Speaker                        |
|---------------|--|--------------------------------|
| 09:30 – 09:55 | <b>Preparations, Monitoring and Procedural Safety in Pulmonology Interventions</b> | Dr. Johnny Chan (Hong Kong)    |
| 09:55 – 10:20 | <b>Diagnostic Methods and Approaches to Peripheral Lung Nodules</b>                | Dr. Terence Tam (Hong Kong)    |
| 10:20 – 10:45 | <b>Pulmonary Interventions in the Management of Malignant Pleural Effusions</b>    | Professor Gary Lee (Australia) |
| 10:45 – 11:00 | Q & A  |                                |
| 11:00 – 11:30 | Coffee Break   |                                |
| 11:30 – 11:55 | <b>Methods of Mediastinal Staging</b>  | Dr. Siu-leung Fung (Hong Kong) |
| 11:55 – 12:20 | <b>Cryoprobes in Interventional Pulmonology</b>                                    | Professor Si-yue Li (China)    |
| 12:20 – 12:45 | <b>Bronchoscopic Interventions for Airway Diseases</b>                             | Dr. Bing Lam (Hong Kong)       |
| 12:45 – 13:00 | Q & A  |                                |

# Pre-Congress Workshop 1

Workshop Title: **Bronchoscopy and Interventional Techniques – Hands-on**  
 Date: 7 Nov 2024 (Thu)  
 Time: 14:00 – 17:30  
 (6 stations rotation, 30 mins each)  
 Venue: Room S421, Level 4, Phase 1 (Old Wing), HKCEC

## Programme

| Station  | Coordinators / Faculties |   |
|--|--------------------------|---|
| <b>Station 1</b><br>Robotic Bronchoscopy and Bronchoscopic Trans-parenchymal Nodule Access | Coordinator              | Dr. Terence Tam (Hong Kong)   |
|  | Faculties                | Professor Calvin Ng (Hong Kong)<br>Dr. Hoi-ue Se (Hong Kong)<br>Dr. Jackson Leung (Hong Kong)   |
| <b>Station 2</b><br>Pleural Interventions  | Coordinator              | Dr. Chin-wing Yu (Hong Kong)  |
|  | Faculties                | Dr. Macy Lui (Hong Kong)<br>Dr. Ryan Leung (Hong Kong)<br>Miss Kuen-han Lee (Hong Kong)<br>Professor Gary Lee (Australia)<br>Dr. Michaela Donaghy (Australia) |
| <b>Station 3</b><br>Curvilinear EBUS with Different Needles and Peripheral EBUS            | Coordinator              | Dr. Jenny Ngai (Hong Kong)  |
|  | Faculties                | Dr. Pik-shan Cheung (Hong Kong)<br>Dr. Joyce Ng (Hong Kong)<br>Dr. Wai-leung Wong (Hong Kong)   |
| <b>Station 4</b><br>Bronchoscopic Thermal Vapour Ablation +/- Radial Frequency Ablation    | Coordinator              | Dr. Bing Lam (Hong Kong)  |
|  | Faculties                | Dr. Connie Lam (Hong Kong)<br>Dr. Siu-leung Fung (Hong Kong)<br>Ms. Rainbow Leung (Hong Kong)   |
| <b>Station 5</b><br>Endobronchial Valve Implantation and Chartis System                    | Coordinator              | Dr. Yiu-cheong Yeung (Hong Kong)  |
|  | Faculties                | Dr. Hoi-nam Tse (Hong Kong)<br>Dr. Fifiang Chiang (Hong Kong)<br>Ms. Yuet-ling Tsang (Hong Kong)  |
| <b>Station 6</b><br>Cryobiopsy, Cryo-adhesion and Argon Plasma Coagulation                 | Coordinator              | Dr. Wai-lam Law (Hong Kong)   |
|  | Faculties                | Dr. Johnny Chan (Hong Kong)<br>Professor Si-yue Li (China)  |

# Pre-Congress Workshop 2

Workshop Title: **Paediatric Workshop**  
Date: 7 Nov 2024 (Thu)  
Time: 14:00 – 17:30  
Venue: Room S425, Level 4, Phase 1 (Old Wing), HKCEC  
Chair: Professor Ellis Hon

## Programme

| Time          | Topic  | Speaker                         |
|---------------|--|---------------------------------|
| 14:00 – 14:25 | <b>Pearls on Sleep Medicine</b>  | Dr. Carrie Kwok (Hong Kong)     |
| 14:25 – 14:50 | <b>Muscle Training for Childhood OSAS</b>                                      | Ms. Brigitte Fung (Hong Kong)   |
| 14:50 – 15:15 | <b>Pearls on Common Respiratory Concerns in Outpatients</b>                    | Dr. Jeff Wong (Canada)          |
| 15:15 – 15:40 | <b>Respiratory Physiology and Equations Made Ridiculously Easy</b>             | Professor Ellis Hon (Hong Kong) |
| 15:40 – 16:10 | <b>Coffee Break</b>  |                                 |
| 16:10 – 17:30 | <b>Hands-on Workshops (4 stations rotation, 20 mins each for each station)</b> |                                 |

# Pre-Congress Workshop 3

Workshop Title: **Management of Asthma**  
 Date: 7 Nov 2024 (Thu)  
 Time: 14:00 – 17:30  
 Venue: Room S426 – 7, Level 4, Phase 1 (Old Wing), HKCEC

## Programme

| Time  | Topic  | Speaker                                |
|---|--|--|
| Chairs: Dr. Ken Chan and Professor Kang-yun Lee |  |  |
| 14:00 – 14:25                                   | Asthma Management in Low-Income Countries – Problems & Solutions                   | Professor Chen-yuan Chiang (Taiwan)    |
| 14:25 – 14:50                                   | Lung Function – Spirometry, Impulse Oscillometry, Body Box for Adults and Children | Dr. Daniel Ng (Hong Kong)              |
| 14:50 – 15:15                                   | How to Improve Adherence to Medications?   | Professor Helen Reddel (Australia)     |
| 15:15 – 15:40                                   | The Role of CT Imaging   | Professor Kang-yun Lee (Taiwan)        |
| 15:40 – 15:50                                   | Q & A  |  |
| 15:50 – 16:05                                   | Coffee Break   |  |
| Chairs: Dr. Yeon-mok Oh and Dr. Steven Tseng    |  |  |
| 16:05 – 16:30                                   | Inhaler Devices  | Professor Omar Usmani (United Kingdom) |
| 16:30 – 16:55                                   | Phenotype Assessments – Biomarkers (Including FeNO)                                | Professor Philip Bardin (Australia)    |
| 16:55 – 17:20                                   | Immunotherapy for Asthma & Rhinitis  | Professor Rongfei Zhu (China)          |
| 17:20 – 17:30                                   | Q & A  |  |

# Programme on 8 Nov 2024 (Fri)

| 8 Nov 2024 (Fri) |   | Convention Hall |
|------------------|---|-----------------|
| 08:30 – 09:00    | <b>Presidential Lecture by APSR President</b><br><i>Chair: Professor David Hui</i>  |                 |
|                  | <b>Interaction Between Cigarette Smoke and Neutrophil Elastase in the Pathogenesis of Chronic Obstructive Pulmonary Disease</b><br><i>Professor Chul-gyu Yoo (Republic of Korea)</i>        |                 |
| 09:00 – 09:30    | <b>Ann Woolcock Memorial Lecture</b><br><i>Chair: Professor David Lam</i>   |                 |
|                  | <b>Research to Understand, Diagnose and Treat Disease in the Upper, Middle and Lower Airway - A United Airway Approach</b><br><i>Professor Philip Bardin (Australia)</i>                    |                 |
| 09:30 – 11:00    | <b>Parallel Session 1A: Clinical Respiratory Medicine (1)</b><br><b>Update of Pleural Disease and Lung USG</b><br><i>Chairs: Dr. Jack Buckley and Dr. Betty Young</i>                       |                 |
|                  | <b>Lung USG for Diagnosis: Clinical Utility and the Pitfall</b><br><i>Dr. Francis Lee (Singapore)</i>   |                 |
|                  | <b>Practical Guide to IPC Use Including Benign Effusions</b><br><i>Professor Gary Lee (Australia)</i>   |                 |
|                  | <b>Update on Spontaneous Pneumothorax Management</b><br><i>Dr. Macy Lui (Hong Kong)</i>   |                 |
| 11:00 – 11:30    | <b>Coffee Break</b>   |                 |
| 11:30 – 13:00    | <b>Parallel Session 2A: Respiratory Infections (non-tuberculosis) (1)</b><br><b>Current Update on Respiratory Infections</b><br><i>Chairs: Dr. Kazi Safuddin Bennoor and Dr. Man-po Lee</i> |                 |
|                  | <b>Unmet Needs in the Prevention of Respiratory Syncytial Virus Infection</b><br><i>Professor Grant Waterer (Australia)</i>   |                 |
|                  | <b>Updated Role of Inhaled Antibiotics on Various Respiratory Infections</b><br><i>Professor Albert Lim (Singapore)</i>   |                 |
|                  | <b>New Guidelines in the Management of Community Acquired Pneumonia in the Post-COVID-19 Era</b><br><i>Dr. Rosario Menéndez (Spain)</i>   |                 |
| 13:00 – 14:15    | <b>Lunch Break</b>  |                 |
| 14:15 – 15:45    | <b>Parallel Session 3A: Asthma</b><br><b>Asthma Management</b><br><i>Chairs: Dr. Shih-lung Cheng and Dr. Fanny Ko</i>   |                 |
|                  | <b>Management of Childhood Asthma</b><br><i>Professor Anne Goh (Singapore)</i>  |                 |
|                  | <b>Manage Asthma by Primary Care Physicians - What Matters? How to Deliver the Care?</b><br><i>Professor David Price (Singapore)</i>  |                 |
|                  | <b>Precision and Remission in Severe Asthma: Do We Walk the Talk?</b><br><i>Professor Parameswaran Nair (Canada)</i>  |                 |
| 15:45 – 16:15    | <b>Coffee Break</b>   |                 |
| 16:15 – 17:45    | <b>Parallel Session 4A: Joint Asthma, Clinical Allergy &amp; Immunology</b><br><b>Hot Topics in Asthma Management</b><br><i>Chairs: Dr. Norihiro Harada and Professor Christopher Lai</i>   |                 |
|                  | <b>Should MDIs be Phased Out in View of Their Impact on Climate Change?</b><br><i>Professor Omar Usmani (United Kingdom)</i>  |                 |
|                  | <b>Diagnostic Challenges</b><br><i>Professor Helen Reddel (Australia)</i>   |                 |
|                  | <b>Recent Advances in the Mechanisms of Airway Inflammation in Asthma</b><br><i>Professor Hiromasa Inoue (Japan)</i>  |                 |
|                  | <b>Advanced Imaging to Guide Therapy in Severe Asthma</b><br><i>Professor Parameswaran Nair (Canada)</i>  |                 |



# Programme on 8 Nov 2024 (Fri)

| 8 Nov 2024 (Fri) |  | Lecture Theatre 1 |
|------------------|--|-------------------|
| 09:30 – 11:00    | <b>Parallel Session 1B: Respiratory Neurobiology and Sleep (1)</b><br><b>Personalized Therapy for OSA: Who to Treat and How to Treat</b><br><i>Chairs: Dr. Naricha Chirakalwasan and Professor David Hui</i> |                   |
|                  | <b>The Role of Phenotyping in Clinical Care</b><br><i>Professor Peter Cistulli (Australia)</i>   |                   |
|                  | <b>Non-CPAP Devices for OSA Treatment</b><br><i>Dr. Kin-wang To (Hong Kong)</i>  |                   |
|                  | <b>CPAP and MACEs Prevention: Current Evidences and Way Forward</b><br><i>Professor Matthew Naughton (Australia)</i>   |                   |
| 11:00 – 11:30    | Coffee Break   |                   |
| 11:30 – 13:00    | <b>Parallel Session 2B: Tuberculosis (1)</b><br><b>Update on Mycobacterial Infection (I)</b><br><i>Chairs: Dr. Chi-chiu Leung and Dr. Siu-leung Fung</i>   |                   |
|                  | <b>Environmental and Non-Pharmacological Strategies in NTM Infection Control</b><br><i>Professor Takeshi Isobe (Japan)</i>   |                   |
|                  | <b>Challenges and Progress in LTBI</b><br><i>Dr. Asif Mujtaba Mahmud (Bangladesh)</i>  |                   |
|                  | <b>NTM: Epidemiology and Clinical Challenges</b><br><i>Dr. Hoi-yee Kwan (Hong Kong)</i>  |                   |
| 13:00 – 14:15    | Lunch Break  |                   |
| 14:15 – 15:45    | <b>Parallel Session 3B: COPD (2)</b><br><i>Chairs: Dr. Hao-chien Wang and Dr. Maureen Wong</i>   |                   |
|                  | <b>Advances of CT Imaging in COPD</b><br><i>Dr. Yumiko Matsuo (Japan)</i>  |                   |
|                  | <b>COPD and Lung Cancer as Comorbidities</b><br><i>Professor Hye-yun Park (Republic of Korea)</i>  |                   |
|                  | <b>A Telemedicine Approach for Monitoring COPD</b><br><i>Professor Yoko Shibata (Japan)</i>  |                   |
|                  | <b>Update on Pharmacological Management</b><br><i>Professor Antonio Anzueto (USA)</i>  |                   |
| 15:45 – 16:15    | Coffee Break   |                   |
| 16:15 – 17:45    | <b>Parallel Session 4B: Lung Cancer (1)</b><br><b>Lung Cancer: Screening and Early Diagnosis</b><br><i>Chairs: Dr. Bing Lam and Professor David Lam</i>  |                   |
|                  | <b>Updates on Screening and Early Detection in Lung Cancer</b><br><i>Professor Patricia Rivera (USA)</i>   |                   |
|                  | <b>Screening for Lung Cancer in Asia</b><br><i>Professor Pan-chyr Yang (Taiwan)</i>  |                   |
|                  | <b>Biomarkers for Early Detection in Lung Cancer</b><br><i>Professor Kwun Fong (Australia)</i>   |                   |

# Programme on 8 Nov 2024 (Fri)

| 8 Nov 2024 (Fri) |   | Lecture Theatre 2 |
|------------------|---|-------------------|
| 09:30 – 11:00    | <b>Parallel Session 1C: Cell and Molecular Biology (1)</b><br><b>From Bench to Bedside in Respiratory Medicine</b><br><i>Chairs: Dr. Mitsuo Sato and Dr. Shih-Lung Cheng</i>  |                   |
|                  | <b>Mechanisms of Steroid Refractoriness in Asthma</b><br><i>Professor Ian Adcock (United Kingdom)</i>   |                   |
|                  | <b>Immunopathogenesis of Connective Tissue Disease-Related ILD</b><br><i>Professor Toby Maher (USA)</i>   |                   |
|                  | <b>Cigarette Smoking Animal Model in the Study of COPD</b><br><i>Dr. Judith Mak (Hong Kong)</i>   |                   |
| 11:00 – 11:30    | Coffee Break  |                   |
| 11:30 – 13:00    | <b>Parallel Session 2C: Environmental &amp; Occupational Health and Epidemiology</b><br><b>Lung and the Environment: Challenges and Advances in Respiratory Health</b><br><i>Chairs: Dr. Yu-hong Chan and Dr. Jun-pyo Myong</i> |                   |
|                  | <b>A Journey to Shaping a Healthier Future</b><br><i>Professor Alison Bauer (USA)</i>   |                   |
|                  | <b>Melioidosis: An Unanticipated Escape from the Tropics</b><br><i>Dr. Jacky Chan (Hong Kong)</i>   |                   |
|                  | <b>Air Pollution and Chronic Respiratory Diseases: Unmasking the Silent Aggressor</b><br><i>Professor Se-ran Yang (Republic of Korea)</i>   |                   |
| 13:00 – 14:15    | Lunch Break   |                   |
| 14:15 – 15:45    | <b>Parallel Session 3C: Critical Care Medicine (1)</b><br><b>Weaning from Mechanical Ventilation</b><br><i>Chairs: Professor Gonzalo Hernandez and Dr. Alwin Yeung</i>  |                   |
|                  | <b>Weaning from Mechanical Ventilation: Can the Ventilation Mode Make a Difference!?</b><br><i>Dr. Jesse Van Akkeren (The Netherlands)</i>  |                   |
|                  | <b>Prevention of Extubation Failure</b><br><i>Professor Gonzalo Hernandez (Spain)</i>   |                   |
|                  | <b>Point-of-care Ultrasound and Weaning</b><br><i>Dr. Kay-choong See (Singapore)</i>  |                   |
| 15:45 – 16:15    | Coffee Break  |                   |
| 16:15 – 17:45    | <b>Parallel Session 4C: Paediatric Lung Disease (1)</b><br><b>Paediatric Infections</b><br><i>Chairs: Dr. Daniel Goh and Dr. Oon-hoe Teoh</i>   |                   |
|                  | <b>Post-COVID Paediatric Respiratory Infection Management - A New Paradigm</b><br><i>Professor Anne Goh (Singapore)</i>   |                   |
|                  | <b>Childhood Tuberculosis-2024</b><br><i>Dr. Varinder Singh (India)</i>   |                   |
|                  | <b>Complicated Community-Acquired Pneumonia in Childhood – The Bad, the Ugly, and the Good</b><br><i>Dr. Daniel Goh (Singapore)</i>   |                   |

# Programme on 8 Nov 2024 (Fri)

| 8 Nov 2024 (Fri) |  | Room S421       |
|------------------|--|-----------------|
| 11:30 – 12:35    | <b>Parallel Session 2D: COPD (1)</b><br><i>Chairs: Dr. Jenny Ngai and Dr. Yiu-cheong Yeung</i>   |                 |
|                  | <b>PDE3/PDE4 as a New Mechanism for COPD Treatment</b><br><i>Professor David Lam (Hong Kong)</i>   |                 |
|                  | <b>TORES Study: Real-World Safety and Effectiveness of Budesonide/Glycopyrrrolate/Formoterol in Chinese Patients with COPD</b><br><i>Professor Yongchang Sun (China)</i>   |                 |
|                  | <b>EXACOS-CV-CHINA: Association Between Exacerbations &amp; Cardiovascular Events &amp; Mortality in COPD</b><br><i>Professor Yuanlin Song (China)</i>   |                 |
| 13:00 – 14:15    | <b>Lunch Symposium 1 (Sponsored by GSK)</b><br><i>Chairs: Dr. Kah-lin Choo and Dr. Hoi-yee Kwan</i>  |                 |
|                  | <b>Disease Stability in COPD; An Ambitious Target</b><br><i>Professor Dave Singh (United Kingdom)</i>  |                 |
| 14:15 – 15:25    | <b>Parallel Session 3D: Respiratory Infections (non-tuberculosis) (2)</b><br><b>Contemporary Evidence on Vaccination in Preventing Acute Respiratory Infections</b><br><i>Chairs: Dr. Masaki Fujita and Dr. Hon-cheung Fan</i> |                 |
|                  | <b>Role of Bivalent Vaccine in Protecting Elderly and Infants against RSV</b><br><i>Professor Julio Ramirez (USA)</i>  |                 |
|                  | <b>Triple Threat: Impact of COVID-19, RSV, and Influenza on Chronic Respiratory Diseases</b><br><i>Professor Pin-kuei Fu (Taiwan)</i>  |                 |
|                  | <b>The Role of New Pneumococcal Vaccines, with Updates Based on International Recommendations</b><br><i>Professor Julio Ramirez (USA)</i>  |                 |
| 17:45 – 19:00    | <b>Evening Symposium 1: The Proactive Approach to Prevent Exacerbation in COPD – Why and How? (Sponsored by AZ)</b><br><i>Chairs: Dr. Chun-kong Ng and Dr. Maureen Wong</i>  |                 |
|                  | <b>Not Just the Lung: COPD Exacerbations and Reducing their Impact on Cardiovascular Disease</b><br><i>Dr. Richard Russell (United Kingdom)</i>  |                 |
|                  | <b>New Concept of COPD Quality Standards Implementation - The Quality Improvement Program (QIP)</b><br><i>Professor Rongchang Chen (China)</i>   |                 |
| 8 Nov 2024 (Fri) |  | Room S423 – 424 |
| 13:00 – 14:15    | <b>Lunch Symposium 2 (Sponsored by BI)</b><br><i>Chairs: Dr. Macy Lui and Dr. Yiu-cheong Yeung</i>   |                 |
|                  | <b>Starting on the Right Path: How Can I Ensure a Perfect Fit for my COPD Patient?</b><br><i>Professor Marc Miravittles (Spain)</i>  |                 |
| 8 Nov 2024 (Fri) |  | Room S426 – 427 |
| 13:00 – 14:15    | <b>Lunch Symposium 3: ST2art Targeting Upstream of the Inflammatory Cascade in COPD (Sponsored by Roche)</b><br><i>Chairs: Dr. Johnny Chan and Dr. Ida Wong</i>  |                 |
|                  | <b>The Breadth and Depth of COPD – Unmet Need and the Role of Inflammatory Pathways</b><br><i>Professor Chin-kook Rhee (Republic of Korea)</i>   |                 |
|                  | <b>Targeting Underlying Inflammation across a Broad Patient Population with COPD</b><br><i>Professor Philip Bardin (Australia)</i>   |                 |

# Programme on 9 Nov 2024 (Sat)

| 9 Nov 2024 (Sat) |   | Convention Hall |
|------------------|---|-----------------|
| 08:30 – 09:00    | <b>Invited Lecture (1)</b><br><i>Chair: Professor Mary Ip</i>   |                 |
|                  | <b>Update on the Pathogenesis and Management of Emphysema</b><br><i>Professor Irina Petrache (USA)</i>  |                 |
| 09:00 – 09:30    | <b>Michiyoshi Harasawa Memorial Lecture</b><br><i>Chair: Professor James Ho</i>   |                 |
|                  | <b>Immortalized Normal Human Lung Epithelial Cell Models As Tools for Biomedical Research</b><br><i>Dr. Mitsuo Sato (Japan)</i>   |                 |
| 09:30 – 11:00    | <b>Parallel Session 5A: Clinical Respiratory Medicine (2)</b><br><b>From Prevention to Treatment</b><br><i>Chairs: Dr. Kay-choong See and Dr. Ida Wong</i>  |                 |
|                  | <b>Update of Rare Lung Disease: LAM and PAP</b><br><i>Professor Moo-suk Park (Republic of Korea)</i>  |                 |
|                  | <b>e-Cigarette for Smoking Cessation: Friend or Foe?</b><br><i>Dr. Agus Susanto (Indonesia)</i>   |                 |
|                  | <b>The Pilot Collaboration of Chinese Medicine and Western Medicine in Respiratory Care in Hospital Authority</b><br><i>Ms. Dora Tsui (Hong Kong)</i>   |                 |
|                  | <b>Managing COVID-19 in the Post-Pandemic Era</b><br><i>Dr. Veronika Müller (Hungary)</i>   |                 |
| 11:00 – 11:30    | <b>Coffee Break</b>   |                 |
| 11:30 – 13:00    | <b>Parallel Session 6A: Interstitial Lung Disease (1)</b><br><i>Chairs: Dr. Jenny Ngai and Dr. Jin-woo Song</i>   |                 |
|                  | <b>Multidisciplinary Meeting for Interstitial Lung Disease (Case Discussion)</b><br><i>Dr. Alvin Cheung (Hong Kong)</i><br><i>Professor Toby Maher (USA)</i><br><i>Professor Ming-yen Ng (Hong Kong)</i>    |                 |
| 13:00 – 14:15    | <b>Lunch Break</b>  |                 |
| 14:15 – 15:45    | <b>Parallel Session 7A: Clinical Allergy &amp; Immunology</b><br><b>Primary Prevention of Asthma &amp; Allergy: What have We Learned?</b><br><i>Chairs: Professor Anne Goh and Professor Ting-fan Leung</i> |                 |
|                  | <b>What Do We Learn from Farm Studies?</b><br><i>Professor Jing Li (China)</i>  |                 |
|                  | <b>Respiratory Infections - Friends or Foes?</b><br><i>Dr. Elizabeth Tham (Singapore)</i>   |                 |
|                  | <b>Do Airway &amp; Gut Microbiomes Matter?</b><br><i>Professor Ting-fan Leung (Hong Kong)</i>   |                 |
|                  | <b>Clean Air – Pollutants and Allergens – Does It Help?</b><br><i>Professor Woo-jin Kim (Republic of Korea)</i>   |                 |
| 15:45 – 16:15    | <b>Coffee Break</b>   |                 |
| 16:15 – 17:45    | <b>Parallel Session 8A: Bronchoscopy and Interventional Techniques</b><br><b>Bronchoscopy &amp; Interventional Pulmonology</b><br><i>Chairs: Dr. Johnny Chan and Dr. Terence Tam</i>                        |                 |
|                  | <b>Bronchoscopic Interventions for Diagnosis and Treatment of Pulmonary Nodules</b><br><i>Professor Calvin Ng (Hong Kong)</i>   |                 |
|                  | <b>Bronchoscopic Lung Volume Reduction</b><br><i>Dr. Bing Lam (Hong Kong)</i>   |                 |
|                  | <b>Diagnostic and Therapeutic Uses of Pleuroscopy</b><br><i>Professor Pyng Lee (Singapore)</i>  |                 |
|                  | <b>Therapeutic Bronchoscopic Interventions for Lung Cancer</b><br><i>Professor Si-yue Li (China)</i>  |                 |

# Programme on 9 Nov 2024 (Sat)

| 9 Nov 2024 (Sat) |   | Lecture Theatre 1 |
|------------------|---|-------------------|
| 09:30 – 11:00    | <b>Parallel Session 5B: Respiratory Neurobiology and Sleep (2)</b><br><b>Frontiers in Real World Management of Sleep Apnea</b><br><i>Chairs: Professor Ning-hung Chen and Professor Mary Ip</i> |                   |
|                  | <b>Mild and Non-sleepy OSA: Wait or Treat</b><br><i>Professor Brendon Yee (Australia)</i>   |                   |
|                  | <b>OSA &amp; Metabolic Syndrome: What are the Evidences</b><br><i>Dr. Macy Lui (Hong Kong)</i>  |                   |
|                  | <b>Is Cheyne Stokes a Friend or Foe</b><br><i>Professor Matthew Naughton (Australia)</i>  |                   |
| 11:00 – 11:30    | <b>Coffee Break</b>   |                   |
| 11:30 – 13:00    | <b>Parallel Session 6B: Tuberculosis (2)</b><br><b>Update on Mycobacterial Infection II</b><br><i>Chairs: Dr. Asif Mujtaba Mahmud and Dr. Hoi-yee Kwan</i>                                      |                   |
|                  | <b>Evolution of MDR-TB Treatment in the Past Decade</b><br><i>Professor Chen-yuan Chiang (Taiwan)</i>   |                   |
|                  | <b>Experience of Using Bedaquiline for Treatment of Drug-resistant Tuberculosis in Hong Kong</b><br><i>Dr. Wai-man Leung (Hong Kong)</i>  |                   |
|                  | <b>Recent Advances in Development of TB Vaccines</b><br><i>Professor David Lewinsohn (USA)</i>  |                   |
| 13:00 – 14:15    | <b>Lunch Break</b>  |                   |
| 14:15 – 15:45    | <b>Parallel Session 7B: Lung Cancer (2)</b><br><b>Lung Cancer: Diagnosis and Management</b><br><i>Chairs: Professor Pyng Lee and Professor Patricia Rivera</i>                                  |                   |
|                  | <b>Molecular Testing for Management of NSCLC</b><br><i>Professor Ignatius Ou (USA)</i>  |                   |
|                  | <b>Updates on Targeted Therapy for NSCLC</b><br><i>Professor Kazuhisa Takahashi (Japan)</i>   |                   |
|                  | <b>Updates on Immunotherapy for NSCLC</b><br><i>Professor Sita Andarini (Indonesia)</i>   |                   |
| 15:45 – 16:15    | <b>Coffee Break</b>   |                   |
| 16:15 – 17:45    | <b>Parallel Session 8B: COPD (3)</b><br><b>Diagnosis of COPD</b><br><i>Chairs: Professor Yoko Shibata and Dr. Julie Wang</i>  |                   |
|                  | <b>Early COPD Case Finding</b><br><i>Professor David Halpin (United Kingdom)</i>  |                   |
|                  | <b>Early COPD, PRISm</b><br><i>Professor Chin-kook Rhee (Republic of Korea)</i>   |                   |
|                  | <b>COPD Cohort in Taiwan: Prevalence, Assessment, and Management Insights</b><br><i>Professor Hao-chien Wang (Taiwan)</i>   |                   |
|                  | <b>An Update on COPD Exacerbations</b><br><i>Professor Wisia Wedzicha (United Kingdom)</i>  |                   |

# Programme on 9 Nov 2024 (Sat)

| 9 Nov 2024 (Sat) |  | Lecture Theatre 2 |
|------------------|--|-------------------|
| 09:30 – 11:00    | <b>Parallel Session 5C: Cell and Molecular Biology (2)</b><br><b>Updated Molecular Mechanisms on Development of Lung Diseases</b><br><i>Chairs: Dr. Judith Mak and Dr. Yeon-mok Oh</i> |                   |
|                  | <b>Regenerative Medicine for Lung Diseases</b><br><i>Professor Shimpei Gotoh (Japan)</i>   |                   |
|                  | <b>Lung Adenocarcinoma Promoted by Air Pollution</b><br><i>Professor Pan-chyr Yang (Taiwan)</i>  |                   |
|                  | <b>Developmental Endothelial Locus-1 (Del-1) in the Pathogenesis of COPD</b><br><i>Professor Chul-gyu Yoo (Republic of Korea)</i>  |                   |
| 11:00 – 11:30    | Coffee Break   |                   |
| 11:30 – 13:00    | <b>Parallel Session 6C: Diversity and Inclusion in Respiratory Medicine</b><br><i>Chairs: Dr. Grace Lam and Dr. Yiu-cheong Yeung</i>   |                   |
|                  | <b>Efforts to Improve Gender Equity in Respiratory Medicine in the US</b><br><i>Professor Irina Petrache (USA)</i>   |                   |
|                  | <b>Towards Gender Equality in Respiratory Diseases</b><br><i>Professor Silke Ryan (Ireland)</i>  |                   |
|                  | <b>Diversity, Equity and Inclusion is Everyone's Business</b><br><i>Professor Kwun Fong (Australia)</i>  |                   |
| 13:00 – 14:15    | Lunch Break  |                   |
| 14:15 – 15:45    | <b>Parallel Session 7C: Paediatric Lung Disease (2)</b><br><b>Pediatric Respiratory and Sleep Medicine</b><br><i>Chairs: Dr. Daniel Ng and Dr. Oon-hoe Teoh</i>                        |                   |
|                  | <b>Neonatal Pulmonology</b><br><i>Professor Andrew Bush (United Kingdom)</i>   |                   |
|                  | <b>Critical Asthma Syndrome</b><br><i>Dr. Wa-Keung Chiu (Hong Kong)</i>  |                   |
|                  | <b>Pediatric Sleep Medicine</b><br><i>Dr. Daniel Ng (Hong Kong)</i>  |                   |
| 15:45 – 16:15    | Coffee Break   |                   |
| 16:15 – 17:45    | <b>Parallel Session 8C: Critical Care Medicine (2)</b><br><b>Acute Respiratory Distress Syndrome</b><br><i>Chairs: Dr. Grace Lam and Professor Kuang-yao Yang</i>                      |                   |
|                  | <b>The Role of Helmet Non-Invasive Ventilation in Acute Respiratory Distress Syndrome – Lessons Learnt from the COVID-19 Pandemic</b><br><i>Dr. Domenico Luca Grieco (Italy)</i>       |                   |
|                  | <b>Right Ventricular Dysfunction in Patients with Acute Respiratory Distress Syndrome</b><br><i>Professor Kyeong-man Jeon (Republic of Korea)</i>                                      |                   |
|                  | <b>Corticosteroid Treatment in Severe Pneumonia and Acute Respiratory Distress Syndrome</b><br><i>Professor Kuang-yao Yang (Taiwan)</i>  |                   |



# Programme on 9 Nov 2024 (Sat)

| 9 Nov 2024 (Sat) |  | Room S421 |
|------------------|--|-----------|
| 09:30 – 11:45    | <b>Young Investigator Award Oral Presentation 1</b><br><i>Chairs: Professor Pyng Lee and Dr. Joseph Pang</i>   |           |
| 13:00 – 14:15    | <b>Lunch Symposium 4 (Sponsored by GSK)</b><br><i>Chairs: Dr. Ken Chan and Dr. Chung-ming Chu</i>  |           |
|                  | <b>RSV Disease Burden and Prevention with the Latest Recombinant Adjuvanted Vaccine</b><br><i>Professor Grant Waterer (Australia)</i>                            |           |
| 14:15 – 15:45    | <b>Young Investigator Award Oral Presentation 2</b><br><i>Chairs: Dr. Frankie Choy and Dr. Yiu-cheong Yeung</i>  |           |
| 17:45 – 19:00    | <b>Evening Symposium 2 (Sponsored by GSK)</b><br><i>Chairs: Professor Peter Howarth and Professor Christopher Lai</i>  |           |
|                  | <b>Phenotype and Characteristics in Asian Asthmatics</b><br><i>Dr. Ken Chan (Hong Kong)</i>  |           |
|                  | <b>Achieving Clinical Remission through Personalized Care in Severe Asthma: What's New in Asian Populations?</b><br><i>Professor Ian Pavord (United Kingdom)</i> |           |

| 9 Nov 2024 (Sat) |  | Room S423 – 424 |
|------------------|--|-----------------|
| 13:00 – 14:15    | <b>Lunch Symposium 5: Optimal Management in Fibrosing ILD – Update in Treatment and International Guideline (Sponsored by BI)</b><br><i>Chairs: Dr. Wai-lam Law and Dr. Wilson Yee</i> |                 |
|                  | <b>Pulmonary Perspectives on Fibrosing ILD Management</b><br><i>Professor Toby Maher (USA)</i>   |                 |
|                  | <b>The Role of Rheumatology in Fibrosing ILD: Bridging Autoimmunity and Lung Health</b><br><i>Professor Oliver Distler (Switzerland)</i>   |                 |

| 9 Nov 2024 (Sat) |  | Room S426 – 427 |
|------------------|--|-----------------|
| 13:00 – 14:15    | <b>Lunch Symposium 6: Transforming Asthma Care: What's New Across Asthma Spectrum? (Sponsored by AZ)</b><br><i>Chairs: Dr. Thomas Mok and Professor Helen Reddel</i> |                 |
|                  | <b>Standardizing the Whole Course of Asthma Treatment</b><br><i>Professor Dong Yang (China)</i>  |                 |
|                  | <b>How to Tackle Difficult-to-Treat and Severe Asthma?</b><br><i>Professor Guy Brusselle (Belgium)</i>   |                 |

# Programme on 10 Nov 2024 (Sun)

| 10 Nov 2024 (Sun) |  | Convention Hall |
|-------------------|--|-----------------|
| 08:30 – 09:00     | <b>Invited Lecture (2)</b><br><i>Chair: Professor Mary Ip</i>  |                 |
|                   | <b>Obstructive Sleep Apnoea and Cardiovascular Disease – From Bench to Bedside</b><br><i>Professor Silke Ryan (Ireland)</i>                              |                 |
| 09:00 – 09:30     | <b>Invited Lecture (3)</b><br><i>Chair: Dr. James Ho</i>   |                 |
|                   | <b>Novel Resistance Mechanisms of EGFR-TKI in Non-Small Cell Lung Cancer</b><br><i>Professor Kazuhisa Takahashi (Japan)</i>                              |                 |
| 09:30 – 11:00     | <b>Parallel Session 9A: APSR-GOLD</b><br><i>Chair: Dr. Hok-sum Chan</i>  |                 |
|                   | <b>Overview of Changes in GOLD 2025 Report</b><br><i>Professor David Halpin (United Kingdom)</i>   |                 |
|                   | <b>Climate Change and COPD</b><br><i>Professor David Halpin (United Kingdom)</i>   |                 |
|                   | <b>Identifying COPD Earlier</b><br><i>Professor Wisia Wedzicha (United Kingdom)</i>  |                 |
|                   | <b>Update on Spirometry in GOLD</b><br><i>Professor Dave Singh (United Kingdom)</i>  |                 |
|                   | <b>Update on Vaccination in GOLD</b><br><i>Professor Antonio Anzueto (USA)</i>   |                 |
|                   | <b>Implementing GOLD in Asian-Pacific Region</b><br><i>Dr. Kah-lin Choo (Hong Kong)</i>  |                 |
| 11:00 – 11:30     | <b>Coffee Break</b>  |                 |
| 11:30 – 12:45     | <b>Parallel Session 10A: Asthma and COPD</b><br><i>Chairs: Dr. Roland Leung and Dr. Chin-kook Rhee</i>   |                 |
|                   | <b>Time to Sit Up and Act for Asthma: Role of Single Inhaler Triple Therapy (SITT) to Achieve Clinical Remission</b><br><i>Dr. Masayuki Hojo (Japan)</i> |                 |
|                   | <b>SITT vs MITT and the Importance of ICS in COPD</b><br><i>Dr. Richard Russell (United Kingdom)</i>   |                 |
|                   | <b>Cough Variant Asthma (CVA)</b><br><i>Professor Guy Brusselle (Belgium)</i>  |                 |

# Programme on 10 Nov 2024 (Sun)

| 10 Nov 2024 (Sun) |  | Lecture Theatre 1 |
|-------------------|--|-------------------|
| 09:30 – 11:00     | <b>Parallel Session 9B: Interstitial Lung Disease (2)</b><br><b>Hot Topic in Interstitial Lung Disease</b><br><i>Chairs: Professor Toby Maher and Dr. Moo-suk Park</i>           |                   |
|                   | <b>Epidemiological Trends and Patterns of ILD in Asian Populations</b><br><i>Dr. Felicia Teo (Singapore)</i>   |                   |
|                   | <b>Advancement in Myositis Related ILD</b><br><i>Professor Ho So (Hong Kong)</i>   |                   |
|                   | <b>Emerging Therapies for Idiopathic Pulmonary Fibrosis (IPF) / Progressive Pulmonary Fibrosis (PPF)</b><br><i>Professor Ganesh Raghu (USA)</i>                                  |                   |
| 11:00 – 11:30     | <b>Coffee Break</b>  |                   |
| 11:30 – 13:00     | <b>Parallel Session 10B: Respiratory Structure and Function</b><br><b>Physiology of Structure and Function</b><br><i>Chairs: Professor Lenora Fernandez and Dr. Herbert Kwok</i> |                   |
|                   | <b>Physiology of Aging - Impact of Aging on Respiratory Physiology and General Physical Functions</b><br><i>Professor Tiffany Choi (Hong Kong)</i>                               |                   |
|                   | <b>Physiological Effects of Lung Resection</b><br><i>Professor Gregory King (Australia)</i>  |                   |
|                   | <b>Physiology of Pulmonary Rehabilitation</b><br><i>Professor Susumu Sato (Japan)</i>  |                   |

# Programme on 10 Nov 2024 (Sun)

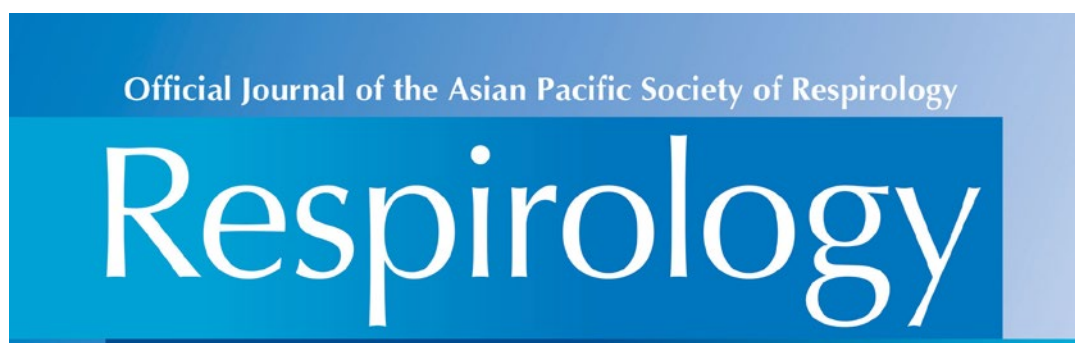
| 10 Nov 2024 (Sun) |   | Lecture Theatre 2 |
|-------------------|---|-------------------|
| 09:30 – 11:00     | <b>Parallel Session 9C: Pulmonary Circulation<br/>Management of Pulmonary Hypertension, What's New</b><br><i>Chairs: Dr. Sonia Lam and Dr. Michael Wong</i> |                   |
|                   | <b>Diagnosis and Management of Pulmonary Vascular Disorders from Radiologists' Perspective</b><br><i>Professor Kyung-soo Lee (Republic of Korea)</i>        |                   |
|                   | <b>Management of Pulmonary Hypertension in Chronic Lung Diseases</b><br><i>Professor Irina Petrache (USA)</i>   |                   |
|                   | <b>New Paradigm in Management of Chronic Thromboembolic Pulmonary Hypertension</b><br><i>Dr. Guangming Tan (Hong Kong)</i>                                  |                   |
| 11:00 – 11:30     | <b>Coffee Break</b>   |                   |
| 11:30 – 12:45     | <b>Parallel Session 10C: Lung Cancer (3)</b><br><i>Chairs: Professor Sita Andarini and Professor Kwun Fong</i>  |                   |
|                   | <b>Optimal Clinical Management of NSCLC with EGFRex20ins Mutation</b><br><i>Professor James Ho (Hong Kong)</i>  |                   |
|                   | <b>Advancing Perioperative Immunotherapy in Early-Stage NSCLC: Current Evidence and Future Directions</b><br><i>Dr. Mir Ali Reza Hoda (Austria)</i>         |                   |
|                   | <b>The Modern Era of Multi-Modality Lung Cancer Therapy: A Surgeon's Perspective</b><br><i>Dr. Alan Sihoe (Hong Kong)</i>                                   |                   |
| 13:15 – 13:45     | <b>Closing Ceremony</b>   |                   |

# Programme on 10 Nov 2024 (Sun)

| 10 Nov 2024 (Sun) |   | Room S421 |
|-------------------|---|-----------|
| 09:30 – 11:00     | <b>Parallel Session 9D: Respiriology &amp; Respiriology Case Reports</b><br><b>An Editor's Guide to Research Publishing for Clinicians: From Beginner to Expert</b><br><i>Chairs: Professor Philip Bardin and Professor Paul Reynolds</i> |           |
|                   | <b>Introduction</b><br><i>Professor Philip Bardin (Australia) and Professor Paul Reynolds (Australia)</i>   |           |
|                   | <b>Why Clinicians Should Do Research and How to Start (and Publish)</b><br><i>Professor Gary Lee (Australia)</i>  |           |
|                   | <b>Open Access Publishing Explained - And Why It Will Draw International Attention to Your Research</b><br><i>Dr. Lieve Bultynck (Australia)</i>  |           |
|                   | <b>How to Become a Reviewer, the Benefits and the Academic Skills to Acquire</b><br><i>Professor David Lam (Hong Kong)</i>  |           |

# Abstract Supplement

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# Young Investigator Award Oral Presentation 1

Date: 9 Nov 2024 (Sat)

Time: 09:30 – 11:42

Venue: Room S421

Moderators: Professor Pyng Lee (Singapore) and Dr. Joseph Pang (Hong Kong)

| Time          | Presentation No. | Abstract ID  | Abstract Title and Presenter  |
|---------------|------------------|--|---|
| 09:30 – 09:42 | YIA01-001        |  1016   | <b>Variability of blood eosinophil level of chronic obstructive pulmonary disease patients in association with risk of exacerbation - A prospective clinical study (Velocity study)</b><br>Wang Chun Kwok (Hong Kong) |
| 09:42 – 09:54 | YIA01-002        |  1006   | <b>Spirometric transition of at-risk individuals and risks for progression to chronic obstructive pulmonary disease in general population</b><br>Joon Young Choi (Republic of Korea)                                  |
| 09:54 – 10:06 | YIA01-003        | 1351   | <b>Real world evaluation of the biofire filmarray pneumonia panel in adults hospitalized for exacerbations of chronic obstructive pulmonary disease</b><br>Charles Wong (Hong Kong)                                   |
| 10:06 – 10:18 | YIA01-004        | -  | <b>Machine learning of heterogeneous response to resuscitation strategy in patients with sepsis-induced hypotension</b><br>Christopher Cosgriff (USA)   |
| 10:18 – 10:30 | YIA01-005        |  1201 | <b>Engineered MSC-derived small extracellular vesicles rescue endoplasmic reticulum stress reprogram macrophage polarization in ARDS</b><br>Yue Su (China)  |
| 10:30 – 10:42 | YIA01-006        |  1564 | <b>Airway basal stem cell-derived extracellular vesicles modulate proliferation, migration, and collagen deposition of fibroblasts</b><br>Lisi Luo (China)  |
| 10:42 – 10:54 | YIA01-007        |  1205 | <b>Unveiling spatial crosstalk in pulmonary fibrosis</b><br>Liliang Yang (China)  |
| 10:54 – 11:06 | YIA01-008        |  1427 | <b>Protective effect of RAGE inhibitor compound A on emphysema</b><br>Jimin Jang (Republic of Korea)  |
| 11:06 – 11:18 | YIA01-009        | 1315   | <b>Risk factors for drug-resistant pathogens in community-acquired pneumonia: A systematic review and meta-analysis</b><br>Natsuki Nakagawa (Japan)   |
| 11:18 – 11:30 | YIA01-010        | -  | <b>Change in rate of healthcare encounters for influenza from source-specific PM 2.5 after tier 3 vehicle standards in New York State</b><br>Daniel Croft (USA)   |
| 11:30 – 11:42 | YIA01-011        | 1067   | <b>Performance of Xpert MTB/RIF ultra assay for diagnosis of tuberculosis: A retrospective study in a city with intermediate tuberculosis burden</b><br>Ho Sum Cally Wong (Hong Kong)                                 |






# Young Investigator Award Oral Presentation 2

Date: 9 Nov 2024 (Sat)

Time: 14:15 - 15:39

Venue: Room S421

Moderators: Dr. Frankie Choy (Hong Kong) and Dr. Yiu-cheong Yeung (Hong Kong)

| Time          | Presentation No. | Abstract ID  | Abstract Title and Presenter  |
|---------------|------------------|--|---|
| 14:15 – 14:27 | YIA02-001        |  1036   | <b>TRIM27 revealed by TEP RNA-Seq as a potential biomarker for malignant GGO diagnosis mediated glycolysis of non-small cell lung cancer cells partially through HOXM1</b><br>Yan Hu (China)          |
| 14:27 – 14:39 | YIA02-002        |  1197   | <b>Comprehensive analysis of pyroptosis-related subtypes correlated with survival and immune signatures in lung adenocarcinoma</b><br>Tianchang Wei (China)   |
| 14:39 – 14:51 | YIA02-003        |  1250   | <b>Obstructive sleep apnea disrupts the circadian rhythm of patients with idiopathic pulmonary interstitial fibrosis</b><br>Dan Liu (China)   |
| 14:51 – 15:03 | YIA02-004        |  1311   | <b>Comparison of auto-titrating and fixed continuous positive airway pressure in treating obesity hypoventilation syndrome with severe obstructive sleep apnoea</b><br>Yizhong Zheng (Australia)      |
| 15:03 – 15:15 | YIA02-005        |  1312 | <b>Nasal inflammation in children with obstructive sleep apnoea</b><br>Ming Yang (China)  |
| 15:15 – 15:27 | YIA02-006        | 1290   | <b>Ex vivo cultured peripheral blood mononuclear cell transplantation improves pulmonary hypertension via restoration of pulmonary arterial endothelial cell function</b><br>Yoshifumi Suzuki (Japan) |
| 15:27 – 15:39 | YIA02-007        | 1137   | <b>Telomere length as a prognostic biomarker for patients with familial interstitial pneumonia</b><br>Yoichi Tagami (Japan)   |

# Oral Presentation: 8 Nov 2024 (Fri)

## Oral Session 1: COPD

Date: 8 Nov 2024 (Fri)

Time: 09:30 – 11:00

Venue: Room S422

Moderator: Professor Antonio Anzueto (USA)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 09:30 – 09:40 | AO01-001         | 1486        | The mechanism of PU.1 in regulating endothelial progenitor cell homing to the lung and biological function impairment caused by cigarette smoke<br>Xue He (China)          |
| 09:40 – 09:50 | AO01-002         | 1646        | Influenza or pneumococcal vaccination status and associated factors among patients with acute exacerbations of COPD: A real-world cross-sectional study<br>You Xin (China) |
| 09:50 – 10:00 | AO01-003         | 1696        | Generating SPECT images from CT scans via Cycle-GAN for lung disease diagnosis<br>Ge Ren (Hong Kong)   |
| 10:00 – 10:10 | AO01-004         | 1712        | The role of visceral fat on preserved ratio impaired spirometry (PRISm): The Nagahama study<br>Mariko Kogo (Japan)   |
| 10:10 – 10:20 | AO01-005         | 8097        | Analysis of intra-bullous pressure levels and related factors in patients with severe COPD and giant pulmonary bullae<br>Wei Zhang (China)                                 |

## Oral Session 2: Bronchoscopy and Interventional Techniques (1)

Date: 8 Nov 2024 (Fri)

Time: 09:30 – 11:00

Venue: Room S425

Moderator: Dr. Siu-leung Fung (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 09:30 – 09:40 | AO02-001         | 1082        | Safety of transbronchial lung cryobiopsy compared to transbronchial forceps biopsy in patients with interstitial lung disease: An observational study using a national database in Japan<br>Nobuyasu Awano (Japan)                   |
| 09:40 – 09:50 | AO02-002         | 1155        | Five year follow-up of transbronchial microwave ablation for early lung cancers and lung oligometastases with electromagnetic navigation guidance<br>Joyce Chan (Hong Kong)  |
| 09:50 – 10:00 | AO02-003         | 1247        | Value of bronchoalveolar lavage fluid metagenomic next-generation sequencing in acute exacerbation of fibrosing interstitial lung disease: An individualized treatment protocol based on microbiological evidence<br>Dan Liu (China) |
| 10:00 – 10:10 | AO02-004         | 1304        | Comparison of CT guided transthoracic biopsy and radial endobronchial ultrasound guided transbronchial biopsy for detection of peripheral lung lesions: A systematic review and meta-analysis<br>Hayette Goldman (Australia)         |
| 10:10 – 10:20 | AO02-005         | 1326        | Diagnostic yield, detection of driver alterations by next-generation sequencing and safety of EBUS-guided mediastinal cryobiopsy versus needle aspiration: A retrospective comparative study<br>Chun Ian Soo (Malaysia)              |

## Oral Session 3: Interstitial Lung Disease (1)

Date: 8 Nov 2024 (Fri)

Time: 09:30 – 11:00

Venue: Room S429

Moderator: Professor Sung-hwan Jeong (Republic of Korea)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 09:30 – 09:40 | AO03-001         | 1066        | <b>Prevalence, characteristics and predictors of frailty in Asian interstitial lung disease patients</b><br>Gin Tsen Chai (Singapore)   |
| 09:40 – 09:50 | AO03-002         | 1111        | <b>Referral and uptake patterns for genetic counselling and testing in interstitial lung disease patients: A tertiary referral centre experience in South-East Asia</b><br>Michelle Li Wei Kam (Singapore)  |
| 09:50 – 10:00 | AO03-003         | 1147        | <b>Digital walk in era of Tele-pulmonology</b><br>Sarang Patil (India)  |
| 10:00 – 10:10 | AO03-004         | 1183        | <b>Lactic acid orchestrates Tim3 alveolar macrophage dysfunction in idiopathic pulmonary fibrosis induced by bleomycin in mice</b><br>Lu Gao (China)  |
| 10:10 – 10:20 | AO03-005         | 1248        | <b>Pulmonary infection affects acute respiratory deterioration and prognosis in patients with fibrosing interstitial lung disease: Current evidence based on bronchoscopic and microbial diagnosis on microbiological evidence</b><br>Dan Liu (China) |
| 10:20 – 10:30 | AO03-006         | 1571        | <b>Tracheal meandering is useful to predict prognosis in idiopathic pleuroparenchymal fibroelastosis</b><br>Motoyasu Kato (Japan)   |

## Oral Session 4: Clinical Respiratory Medicine (1)

Date: 8 Nov 2024 (Fri)

Time: 11:30 – 13:00

Venue: Room S422

Moderators: Professor Judith Garcia Aymerich (Spain), Dr. Julie Wang (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 11:30 – 11:40 | AO04-001         | 1047        | <b>Clinical characteristics of small airway dysfunction and associated with all-cause mortality in patients with rheumatoid arthritis</b><br>Xicong Li (China)                               |
| 11:40 – 11:50 | AO04-002         | 1154        | <b>Deep learning model outperformed experienced clinicians for discrimination of ten etiological pneumonias with chest computed tomography: A retrospective study</b><br>Wenting Jin (China) |
| 11:50 – 12:00 | AO04-003         | 1181        | <b>Co-relation between FEV1, six minute walk distance, DASI questionnaire and VO2 in a pre-operative cohort of patients presenting at a tertiary care center</b><br>Ruchi Dua (India)        |
| 12:00 – 12:10 | AO04-004         | 1213        | <b>Association between volatile organic components of exhaled breath and clinical characteristics in bronchiectasis patients</b><br>Lichao Fan (China)                                       |
| 12:10 – 12:20 | AO04-005         | 1282        | <b>Characteristics of eosinophilic bronchiectasis in a multi-ethnic Asian cohort</b><br>Wesley Teck Wee Loo (Singapore)  |
| 12:20 – 12:30 | AO04-006         | 1306        | <b>Primary ciliary dyskinesia and immunodeficiency: A case report and systematic review of literature</b><br>Vikram Damaraju (India)   |

## Oral Session 5: Bronchoscopy and Interventional Techniques (2)

Date: 8 Nov 2024 (Fri)

Time: 11:30 – 13:00

Venue: Room S425

Moderator: Dr. Wai-lam Law (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 11:30 – 11:40 | AO5-001          | 1328        | Patient satisfaction during endobronchial ultrasound-guided transbronchial mediastinal cryobiopsy (EBUS-TMC) performed under conscious sedation: An early Malaysian experience<br>Chun Ian Soo (Malaysia) |
| 11:40 – 11:50 | AO5-002          | 1426        | How small is small - use of talc pleurodesis in small-bore chest drain in malignant pleural effusion<br>King-Pui Florence Chan (Hong Kong)  |
| 11:50 – 12:00 | AO5-003          | 1548        | Safety and efficacy of bronchoscopic cryospray therapy for refractory or unexplained chronic cough: Preclinical investigations and first-in-human trial<br>Junfeng Huang (China)                          |
| 12:00 – 12:10 | AO5-004          | 8033        | Artificial intelligence-assisted bronchoscopy enhances precision procedures with automatic video analysis (BronchoAI): An experimental investigation and pilot trial<br>Jinsheng Lin (China)              |
| 12:10 – 12:20 | AO5-005          | 8046        | Preliminary safety and efficacy of pulmvalve endobronchial valve in treating severe heterogeneous emphysema: A first-in-human study<br>Difei Chen (China)   |
| 12:20 – 12:30 | AO5-006          | 1440        | Bronchial thermoplasty on airway smooth muscle reduction in severe asthma: Clinical, endobronchial and histopathologic correlations<br>Fifian Ka-Yan Chiang (Hong Kong)                                   |

## Oral Session 6: Interstitial Lung Disease (2)

Date: 8 Nov 2024 (Fri)

Time: 11:30 – 13:00

Venue: Room S429

Moderator: Professor Md. Ali Hossain (Bangladesh)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 11:30 – 11:40 | AO6-001          | 1573        | Decision-making regarding anti-fibrotic therapy in patients with fibrosing interstitial lung disease in Singapore<br>Jie Qi Cheong (Singapore)   |
| 11:40 – 11:50 | AO6-002          | 1583        | Myositis beyond muscle: Clinical patterns and prognostic factors in myositis-associated interstitial lung disease<br>Yen Shen Wong (Malaysia)  |
| 11:50 – 12:00 | AO6-003          | 1647        | Baseline predictors of mortality in non-idiopathic pulmonary fibrosis interstitial lung disease (Non-IPF ILD)<br>Leng Cheng Sia (Malaysia)   |
| 12:00 – 12:10 | AO6-004          | 1685        | CD4+ T cells induce immunoinfiltration of autoimmune pulmonary alveolar proteinosis: A multi-omics study<br>Junfeng Huang (China)  |
| 12:10 – 12:20 | AO6-005          | 8034        | Plasma proteomics and comprehensive modifiable factors predicting future sarcoidosis risk in healthy adults: A prospective study utilizing a machine learning predictive model<br>Jinsheng Lin (China) |

## Oral Session 7: Clinical Respiratory Medicine (2)

Date: 8 Nov 2024 (Fri)

Time: 14:15 – 15:45

Venue: Room S422

Moderators: Dr. Adrián Rendón (Mexico), Dr. Pik-shan Cheung (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 14:15 – 14:25 | AO07-001         | 1556        | Phenotypic heterogeneity in mortality, prognosis and genetics of pulmonary alveolar proteinosis: A global pooled analysis of individual patient data<br>Junfeng Huang (China)                                 |
| 14:25 – 14:35 | AO07-002         | 1579        | The utility of lung ultrasound in monitoring and prognosing community-acquired pneumonia<br>Quoc-Khanh Tran-Le (Vietnam)  |
| 14:35 – 14:45 | AO07-003         | 8056        | Efficacy of bovyhialuronidase azoximer (Longidaza®) in patients with long-term pulmonary sequelae of coronavirus disease 2019: A randomized, double-blind, placebo-controlled trial<br>Sergey Avdeev (Russia) |
| 14:45 – 14:55 | AO07-004         | 8062        | Symptoms and risk factors associated with the exacerbations of adult bronchiectasis patients: A multi-center perspective cohort study (ICON)<br>Jin-Fu Xu (China)   |
| 14:55 – 15:05 | AO07-005         | 8072        | Complications of idiopathic interstitial pneumonia over 5 years: JIPS Registry (NEJ030)<br>Yutaro Nakamura (Japan)  |

## Oral Session 8: Paediatric Lung Disease

Date: 8 Nov 2024 (Fri)

Time: 14:15 – 15:45

Venue: Room S425

Moderator: Dr. Varinder Singh (India)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 14:15 – 14:25 | AO08-001         | 1014        | Clinical features of Indonesian adolescents with post-tuberculosis lung disease (PTLD): A comparison study between drug resistance and drug sensitivity tuberculosis<br>Citra Cesilia (Indonesia) |
| 14:25 – 14:35 | AO08-002         | 1113        | Clinical outcomes of recurrent respiratory papillomatosis in Thai children: A ten-year experience in a tertiary care center<br>Sirapoom Niamsanit (Thailand)                                      |
| 14:35 – 14:45 | AO08-003         | 1202        | Systemic iron dysmetabolism contributes to epithelial ferroptosis in the pathogenesis of bronchopulmonary dysplasia<br>Haiyan Guo (China)   |
| 14:45 – 14:55 | AO08-004         | 1515        | Nasopharyngeal microbial profile during infancy may predict early-life wheeze in Chinese preschool children<br>Ting Fan Leung (Hong Kong)   |

## Oral Session 9: Cell and Molecular Biology

Date: 8 Nov 2024 (Fri)

Time: 14:15 – 15:45

Venue: Room S429

Moderator: Dr. Judith Mak (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 14:15 – 14:25 | AO09-001         | 1223        | Lysyl oxidase (LOX) may serve as a promising therapeutic target for lung cancer<br>Masahito Katsuda (Japan)                                    |
| 14:25 – 14:35 | AO09-002         | 1417        | Resolving the clinical, genetic, and cellular landscapes of subglottic stenoses<br>Peter Zeng (Canada)   |
| 14:35 – 14:45 | AO09-003         | 1423        | Delineate methylation landscape of circulating T cells as a diagnostic signature for early-stage lung adenocarcinoma<br>Yu-Ching Wang (Taiwan) |



# Oral Presentation on 9 Nov 2024 (Sat)

## Oral Session 10: Respiratory Infections (non-tuberculosis) (1)

|                        |                     |                  |
|------------------------|---------------------|------------------|
| Date: 9 Nov 2024 (Sat) | Time: 09:30 – 11:00 | Venue: Room S422 |
|------------------------|---------------------|------------------|

Moderators: Dr. Ken Chan (Hong Kong), Professor Kyeong-man Jeon (Republic of Korea)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 09:30 – 09:40 | AO10-001         | 1004        | Alteration of the airway microbiota is associated with the progression of post-COVID-19 chronic cough in adults<br>Peiying Huang (China)                               |
| 09:40 – 09:50 | AO10-002         | 1041        | Associations of CIRP with bacterial load, proinflammatory cytokines and mortality from pneumonia<br>Qi Guo (China)   |
| 09:50 – 10:00 | AO10-003         | 1309        | Improved clinical outcomes of COVID-19 patients by extending rehabilitation service framework from hospital-based to community<br>Wai Lee Cherry Lau (Hong Kong)       |
| 10:00 – 10:10 | AO10-004         | 1393        | Annual economic burden of respiratory syncytial virus infection among older adults in Hong Kong<br>Yufan Ho (Singapore)  |
| 10:10 – 10:20 | AO10-005         | 1395        | Potential public health impact of vaccination against respiratory syncytial virus using the adjuvanted RSVPreF3 in older adults in Hong Kong<br>Yufan Ho (Singapore)   |
| 10:20 – 10:30 | AO10-006         | 1514        | Interactions between human rhinovirus C and genetic markers of its receptor determine severity of childhood respiratory tract infections<br>Ting Fan Leung (Hong Kong) |

## Oral Session 11: Lung Cancer (1)

|                        |                     |                  |
|------------------------|---------------------|------------------|
| Date: 9 Nov 2024 (Sat) | Time: 09:30 – 11:00 | Venue: Room S425 |
|------------------------|---------------------|------------------|

Moderator: Professor Sita Andarini (Indonesia)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 09:30 – 09:40 | AO11-001         | 1022        | Comparison of segmentectomy and wedge resection for cT1cN0M0 non-small cell lung cancer<br>Satoshi Takamori (Japan)   |
| 09:40 – 09:50 | AO11-002         | 1030        | Tumor intrinsic caspase-4 promotes both metastasis and interferon-gamma induced pyroptosis in lung adenocarcinoma<br>Yosuke Chiba (Japan)                                     |
| 09:50 – 10:00 | AO11-003         | 1060        | Real-world clinical outcomes of neoadjuvant chemotherapy plus pembrolizumab or tislelizumab in resectable non-small cell lung cancer<br>Yan Hu (China)                        |
| 10:00 – 10:10 | AO11-004         | 1084        | Correlation between field walking tests and postoperative cardiopulmonary complications in patients undergoing lung surgery<br>Natthawut Chuensawad (Thailand)                |
| 10:10 – 10:20 | AO11-005         | 1125        | The characterization of gut and bronchoalveolar fluid microbiota in patients with lung masses and its relationship with clinical features<br>Yanping Yang (China)             |
| 10:20 – 10:30 | AO11-006         | 1160        | Stereotactic body radiation therapy in early non-small cell lung cancer<br>Hirsh Koyi (Sweden)  |
| 10:30 – 10:40 | AO11-007         | 1209        | Novel bronchoscopy method for molecular profiling of lung cancer: Targeted washing technique<br>Jung Seop Eom (South Republic of Korea)                                       |
| 10:40 – 10:50 | AO11-008         | 1316        | Low dose and ultra-low dose afatinib: Do they work<br>Kezreen Kaur Dhaliwal (Malaysia)  |
| 10:50 – 11:00 | AO11-009         | 1325        | Association between dietary intake at home and nutritional status before treatment with immune checkpoint inhibitors in elderly lung cancer patients<br>Yukihiro Yano (Japan) |

## Oral Session 12: Tuberculosis (1)

Date: 9 Nov 2024 (Sat)

Time: 09:30 – 11:00

Venue: Room S429

Moderator: Dr. Siu-leung Fung (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 09:30 – 09:40 | AO12-001         | 1144        | <b>Tuberculosis (TB) and non-tuberculous mycobacterial (NTM) infection in lung transplant recipients in Hong Kong (HK)</b><br>See Wan Yan (Hong Kong)   |
| 09:40 – 09:50 | AO12-002         | 1314        | <b>Reactivation of tuberculosis in cancer patients: A retrospective cohort study</b><br>William Nigole (Australia)  |
| 09:50 – 10:00 | AO12-003         | 1334        | <b>Trapped lung as a consequence of pneumothorax in pulmonary tuberculosis</b><br>Nik Nuratiqah Nik Abeed (Malaysia)  |
| 10:00 – 10:10 | AO12-004         | 1371        | <b>Pulmonary tuberculosis causing haemophagocytic lymphohistiocytosis syndrome - A case of medical complexity</b><br>Sugeesha Wickramasinghe (Sri Lanka)  |
| 10:10 – 10:20 | AO12-005         | 1372        | <b>Type 2 lepra reaction following initiation of antituberculosis treatment in an elderly male with coexisting Hansen's disease</b><br>Cary Amiel Villanueva (Philippines)                                |
| 10:20 – 10:30 | AO12-006         | 1478        | <b>A preliminary evaluation of bedaquiline, pretomanid, linezolid, and moxifloxacin (BPALM) regimen for children with drug-resistance tuberculosis (DR-TB)</b><br>Dyah Ayu Shinta Lesmanawati (Indonesia) |
| 10:30 – 10:40 | AO12-007         | 1494        | <b>Laten tuberculosis risk factors in chronic kidney disease patients undergoing haemodialysis: A descriptive analysis of the relationship using tuberculin skin test</b><br>Afra Chaula (Indonesia)      |
| 10:40 – 10:50 | AO12-008         | 1541        | <b>Factors associated with knowledge and adherence in tuberculosis treatment among healthcare workers with latent tuberculosis infection at HSAAS UPM</b><br>Muhammad Asyraf bin Abdul Onny (Malaysia)    |

## Oral Session 13: Respiratory Infections (non-tuberculosis) (2)

Date: 9 Nov 2024 (Sat)

Time: 11:30 – 13:00

Venue: Room S422

Moderator: Professor Kazuko Yamamoto (Japan)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 11:30 – 11:40 | AO13-001         | 1640        | <b>Pseudomonas aeruginosa isolated from bronchiectasis established chronic airway infection through escaping inflammasome activation via T6SS mutation</b><br>Yan-Hua Chai (China)                             |
| 11:40 – 11:50 | AO13-002         | 8013        | <b>Trends and patterns of coinfection in children aged &lt; 5 years with acute lower respiratory infection (ALRI) from 2015 to 2022</b><br>Mei Chan (Australia)  |
| 11:50 – 12:00 | AO13-003         | 8048        | <b>Clinical study of 20 cases of refractory <i>Mycobacterium avium</i> complex pulmonary disease treated with amikacin liposomal inhalation suspension</b><br>Taichi Kaneko (Japan)                            |
| 12:00 – 12:10 | AO13-004         | 8069        | <b>Enhanced detection of antimicrobial resistance and pathogen spectrum in acute exacerbations of COPD with pneumonia: Insights from multiplex real-time PCR and conventional methods</b><br>Huu Y Le (Taiwan) |
| 12:10 – 12:20 | AO13-005         | 8082        | <b>Prevotella-positivity in airway may be a protective factor for mild pneumonia patients: A multicenter prospective observational study</b><br>Yanan Zhou (China)   |

## Oral Session 14: Lung Cancer (2)

Date: 9 Nov 2024 (Sat)

Time: 11:30 – 13:00

Venue: Room S425

Moderator: Professor Yuh-min Chen (Taiwan)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 11:30 – 11:40 | AO14-002         | 1503        | Excellent survival benefit achieved in patients with advanced stage non-small cell lung cancer harboring the EGFR-G719X mutation treated by Afatinib: The real-world data from multicenter in Vietnam<br>Luan Pham Van (Vietnam) |
| 11:40 – 11:50 | AO14-003         | 1546        | Microbiome administration alleviates radiation-induced pulmonary fibrosis in mice<br>Hye Min Kim (South Republic of Korea)   |
| 11:50 – 12:00 | AO14-004         | 1592        | Clinical outcomes of malignant pleural effusions - A multicentre study and central database. St Vincent's Hospital, Sydney<br>Anthony Carrozzi (Australia)   |
| 12:00 – 12:10 | AO14-005         | 1609        | Retrospective analysis of combination chemotherapy with pembrolizumab and cytotoxic agents in elderly patients with non-small cell lung cancer<br>Hiroshi Ohnishi (Japan)  |
| 12:10 – 12:20 | AO14-006         | 1683        | Association between lung microbiome and immune checkpoint blockade response in non-small cell lung cancer patients<br>Joon Kim (South Republic of Korea)   |
| 12:20 – 12:30 | AO14-007         | 8044        | Smoking promotes lung cancer progression through the MAPK/FOXO1 pathway<br>Rui Wang (China)  |
| 12:30 – 12:40 | AO14-008         | 8064        | Targeting TGR5 involved in regulating DCs immune activity and reshaping tumor immune microenvironment in NSCLC<br>Xueqing Liu (China)  |
| 12:40 – 12:50 | AO14-009         | 8073        | Combination DDR inhibition with immunotherapy approaches for effectively enhancing tumor control in tumor-bearing mice model<br>Guo Li (China)   |

## Oral Session 15: Asthma

Date: 9 Nov 2024 (Sat)

Time: 11:30 – 13:00

Venue: Room S429

Moderators: Dr. Chun-kong Ng (Hong Kong), Professor Judith Garcia Aymerich (Spain)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 11:30 – 11:40 | AO15-001         | 1002        | Targeted inhibition of m6A demethylase FTO attenuates allergic inflammation by regulating STAT6 mRNA stability in airway epithelium<br>Jiahua Xu (China)  |
| 11:40 – 11:50 | AO15-002         | 1267        | Novel dietary subclasses are associated with asthma in ethnically diverse populations<br>Jonathan Pham (Australia)  |
| 11:50 – 12:00 | AO15-003         | 1386        | Associations between alcohol consumption and asthma in middle age: Findings from a large population-based cohort<br>Yuxi Deng (China)   |
| 12:00 – 12:10 | AO15-004         | 1537        | Association between systemic inflammation response index and unstable asthma: A population-based study<br>Zhou Jin (China)  |
| 12:10 – 12:20 | AO15-005         | 8067        | Identifying patient and clinical traits associated with asthma control in patients newly prescribed an inhaled corticosteroid/long-acting beta <sub>2</sub> -agonist: Descriptive analytic study in the United Kingdom<br>Jennifer Quint (United Arab Emirates) |

## Oral Session 16: Environmental & Occupational Health and Epidemiology

Date: 9 Nov 2024 (Sat)

Time: 14:15 – 15:45

Venue: Room S422

Moderator: Professor Kazuhiro Yatera (Japan)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 14:15 – 14:25 | AO16-001         | 1329        | Periodicity of COVID-19 in countries of the world<br>Hiroki Manabe (Japan)  |
| 14:25 – 14:35 | AO16-002         | 1512        | Impact of biologics use on asthma related emergency department visits and hospitalization - An epidemiological study in Hong Kong<br>Wang Chun Kwok (Hong Kong) |

## Oral Session 17: Pulmonary Circulation

Date: 9 Nov 2024 (Sat)

Time: 14:15 – 15:45

Venue: Room S425

Moderator: Dr. Michael Wong (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 14:15 – 14:25 | AO17-001         | 1238        | External validation of the performance of four bleeding risk scores in predicting 30-day major bleeding in pulmonary embolism patients undergoing thrombolysis<br>Yuzhi Tao (China) |
| 14:25 – 14:35 | AO17-002         | 1402        | Impact of COVID-19 on patients with prior pulmonary embolism: A multicenter cohort study during the omicron pandemic<br>Yishan Li (China)   |
| 14:35 – 14:45 | AO17-003         | 8004        | The role of perivascular adipose tissue dysfunction in pulmonary hypertension<br>Lei Wang (China)   |

## Oral Session 18: Tuberculosis (2)

Date: 9 Nov 2024 (Sat)

Time: 14:15 – 15:45

Venue: Room S429

Moderator: Dr. Hoi-yee Kwan (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 14:15 – 14:25 | AO18-001         | 1567        | BPAL/BPaLM regimens in patients with drug-resistant tuberculosis in Indonesia infectious disease center hospital<br>Fabiola Anastasia Kartini Fau (Indonesia)  |
| 14:25 – 14:35 | AO18-002         | 1661        | Beyond the norm: Tuberculosis presenting with pleural nodules during pregnancy<br>Nor Syamimi Mohd Isa (Malaysia)  |
| 14:35 – 14:45 | AO18-003         | 1687        | Diagnostic performance and optimal cut-off values of pleural fluid adenosine deaminase in diagnosing TB pleural effusion among adult patients at the lung center of the Philippines<br>Jellicoe Maine Asuncion-Lugtu (Philippines) |
| 14:45 – 14:55 | AO18-004         | 1689        | Medium-term impact of the COVID-19 pandemic on the epidemiology of tuberculosis in Japan<br>Kazuhiro Uchimura (Japan)  |
| 14:55 – 15:05 | AO18-005         | 8087        | Lung and pleural ultrasound findings in patients with chronic exudative pleural effusion in high tuberculosis prevalence region<br>Thi Thuy Quyen Tu (Vietnam)   |
| 15:05 – 15:15 | AO18-006         | 8089        | Can ultrasound-assisted pleural biopsy improve diagnostic yield in detecting pleural disease etiologies? A lesson from a high tuberculosis prevalence region<br>Ngoc Nguyen Tran (Vietnam)   |

# Oral Presentation on 10 Nov 2024 (Sun)

## Oral Session 19: Respiratory Neurobiology and Sleep

|                         |                     |                  |
|-------------------------|---------------------|------------------|
| Date: 10 Nov 2024 (Sun) | Time: 09:30 – 11:00 | Venue: Room S422 |
|-------------------------|---------------------|------------------|

Moderators: Dr. Naricha Chirakalwasan (Thailand), Dr. Chun-kong Ng (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 09:30 – 09:40 | AO19-001         | 1034        | Pilot Study: AI-Enhanced COMISA diagnosis in a community hospital using objective sleep and HRV Metrics in Hong Kong<br>Betty Hai Ka Young (Hong Kong)       |
| 09:40 – 09:50 | AO19-002         | 1035        | Screening moderate to severe obstructive sleep apnea with wearable device<br>Chatkarin Tepwimonpetkun (Thailand)   |
| 09:50 – 10:00 | AO19-003         | 1103        | Study on OSAHS patients' liver proton density fat fraction and nCPAP intervention<br>Yina Wang (China)   |
| 10:00 – 10:10 | AO19-004         | 1233        | Efficacy of heated humidified high-flow nasal cannula therapy in children and adolescents with obstructive sleep apnoea<br>Kate Ching Ching Chan (Hong Kong) |

## Oral Session 20: Respiratory Structure and Function

|                         |               |                  |
|-------------------------|---------------|------------------|
| Date: 10 Nov 2024 (Sun) | 09:30 – 11:00 | Venue: Room S425 |
|-------------------------|---------------|------------------|

Moderators: Professor Gregory King (Australia), Dr. Wai-kei Lam (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter   |
|---------------|------------------|-------------|--|
| 09:30 – 09:40 | AO20-001         | 1298        | Combining small airway parameters with conventional parameters obtained during spirometry: A cross-sectional study<br>Zhufeng Wang (China)                             |
| 09:40 – 09:50 | AO20-002         | 1475        | Carbon monoxide levels and pulmonary function correlation in gas station operators: A study from Banda Aceh, Indonesia<br>Iva Meutia Phonna (Indonesia)                |
| 09:50 – 10:00 | AO20-003         | 1509        | The characteristics of the angle of collapse of maximal expiratory flow-volume curves generated by spirometry<br>Zhufeng Wang (China)                                  |
| 10:00 – 10:10 | AO20-004         | 1578        | The correlation between chest x-ray lesion area and functional capacity in post drug susceptible pulmonary tuberculosis patients<br>Harry Agustio Zulhadji (Indonesia) |
| 10:10 – 10:20 | AO20-005         | 1600        | Examining the role of pulmonary rehabilitation in post-covid 19 patients: A meta-analysis<br>Sean Fergie Verallo (Philippines)   |

## Oral Session 21: Critical Care Medicine

Date: 10 Nov 2024 (Sun)

09:30 – 11:00

Venue: Room S429

Moderator: Dr. Chung-tat Lun (Hong Kong)

| Time          | Presentation No. | Abstract ID | Abstract Title and Presenter  |
|---------------|------------------|-------------|---|
| 09:30 – 09:40 | AO21-001         | 1086        | High dose vitamin D3 on hemoglobin levels in mechanically ventilated patients with sepsis: A placebo-controlled randomized trial<br>Animesh Ray (India)                   |
| 09:40 – 09:50 | AO21-002         | 1240        | The extracellular matrix regulates pulmonary macrophage metabolism and responsiveness in type 2 inflammation of acute respiratory distress syndrome<br>Feiyan Xie (China) |
| 09:50 – 10:00 | AO21-003         | 1299        | Fth1 aggravates acute lung injury by regulating mitochondrial dysfunction gender-dependently in neutrophils<br>Wei Gao (China)  |
| 10:00 – 10:10 | AO21-004         | 1348        | Comparison between the hybrid tracheostomy and open surgical tracheostomy<br>Chao-Wen Lu (Taiwan)   |



# Poster Exhibition Overview

| 8 Nov 2024 (Fri)   |                      |
|--|----------------------|
| <b>Poster Session 1A</b>                                   | <b>09:30 – 11:00</b> |
| 08. Lung Cancer  | AP02-001 to AP02-033 |
| 13. Paediatric Lung Disease                                | AP03-001 to AP03-003 |
| <b>Poster Session 1B</b>                                   | <b>11:30 – 13:00</b> |
| 03. Clinical Allergy and Immunology                        | AP01-001 to AP01-003 |
| 02. Cell and Molecular Biology                             | AP04-001 to AP04-007 |
| 09. Asthma   | AP05-001 to AP05-022 |
| 11. Critical Care Medicine                                 | AP06-001 to AP06-013 |
| <b>Poster Session 1C</b>                                   | <b>14:15 – 15:45</b> |
| 16. Interstitial Lung Disease                              | AP07-001 to AP07-042 |
| <b>Poster Session 1D</b>                                   | <b>16:15 – 17:45</b> |
| 06. Tuberculosis   | AP08-001 to AP08-033 |
| 9 Nov 2024 (Sat)   |                      |
| <b>Poster Session 2A</b>                                   | <b>09:30 – 11:00</b> |
| 07. COPD   | AP09-001 to AP09-037 |
| <b>Poster Session 2B</b>                                   | <b>11:30 – 13:00</b> |
| 04. Environmental and Occupational Health and Epidemiology | AP10-001 to AP10-014 |
| 14. Respiratory Structure and Function                     | AP11-001 to AP11-012 |
| 15. Pulmonary Circulation                                  | AP12-001 to AP12-010 |
| <b>Poster Session 2C</b>                                   | <b>14:15 – 15:45</b> |
| 01. Clinical Respiratory Medicine                          | AP13-001 to AP13-060 |
| 10. Respiratory Neurobiology and Sleep                     | AP14-001 to AP14-016 |
| 10 Nov 2024 (Sun)  |                      |
| <b>Poster Session 3A</b>                                   | <b>09:30 – 11:00</b> |
| 05. Respiratory Infections (non-tuberculous)               | AP15-001 to AP15-048 |
| <b>Poster Session 3B</b>                                   | <b>11:30 – 13:00</b> |
| 12. Bronchoscopy and Interventional Techniques             | AP16-001 to AP16-026 |

# Poster Exhibition on 8 Nov 2024 (Fri)

## Poster Session (1A) - Lung Cancer

Date: 8 Nov 2024 (Fri)  
 Time: 09:30 – 11:00  
 Theme: Lung Cancer  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Professor Yuh-min Chen (Taiwan), Dr. Steven Tseng (Hong Kong), Dr. Yiu-cheong Yeung (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP02-001         | 1012        | <b>Circulating microRNA-19 as a non-invasive biomarker for detecting lung cancer: A systematic review and meta-analysis of diagnostic test accuracy studies</b><br>Johanes Aprilius Falerio Kristijanto (Indonesia), Hamdan Abdul Azis, Farida Anggraini Soetedjo |
| AP02-002         | 1063        | <b>First case report: Remarkable response to lorlatinib in a stage cIIIB lung adenocarcinoma patient harboring a novel NISCH-ALK fusion</b><br>Yan Hu (China), Siying Ren, Fang Wu, Wenliang Liu  |
| AP02-003         | 1159        | <b>An intriguing case of intrapleural mature cystic teratoma mimicking tuberculous empyema</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Boon Hau Ng, Hairulfaizi Haron, Mohamad Faisal Abdul Hamid, Marfu'ah Nik Ezzamuddin, Andrea Ban Yu Lin                      |
| AP02-004         | 1180        | <b>The mucinous mimicker</b><br>Sangeta Vadivelu (Malaysia), Narendran Balasubbiah, Ikmal Hisyam Bakrin, Nurul Huda Zahari  |
| AP02-005         | 1217        | <b>Unravelling the unusual: A 44-year-old healthy lady with status epilepticus</b><br>Sin Nee Tan (Malaysia), Nai Chien Huan, Shiao Chin Seah, Shoban Raj Vasudayan, Noorul Afidza Muhammad, Mona Zaria Nasaruddin, Jamalul Azizi Rahaman                         |
| AP02-006         | 1232        | <b>Vulnerability of surgical specimens for RNA sequencing in lung cancer</b><br>Mi-Hyun Kim (Republic of Korea), Jung Seop Eom, Soo Han Kim, Kyungbin Kim, Jeong Su Cho   |
| AP02-007         | 1291        | <b>Pulmonary sclerosing pneumocytoma presenting with plueral effusion, a case report</b><br>Husain Kadhém (Bahrain), Thuraya Zaid   |
| AP02-008         | 1344        | <b>Lung cancer screening questionnaire in a rural community</b><br>Reza Aldyah Herby Amrullah (Indonesia), Triya Damayanti, Jamal Zaini, Fanny Fachrucha, Prasenohadi Prasenohadi, Gatut Priyonugroho   |
| AP02-009         | 1373        | <b>The influence of Nigella sativa on IFN-γ and the quality of life in lung cancer patients</b><br>Reza Aditya Mahendra (Indonesia), Suryanti Dwi Pratiwi, Teguh Rahayu Sartono   |
| AP02-010         | 1375        | <b>Rare case of clear cell lung carcinoma in a 60-year-old female presenting as TB pericarditis in cardiac tamponade</b><br>Lea Dianne Ayuyao (Philippines), Bernice Ong-Dela Cruz, Sherwina Juljani  |
| AP02-011         | 1378        | <b>Diagnostic challenges and targeted therapeutic strategies in stage IVB lung adenocarcinoma: A case study of a young non-smoking male</b><br>Deborah Basalong-Riazonda (Philippines)  |
| AP02-012         | 1405        | <b>When 2 became 1: A case of double primary malignancy with thyroid malignancy and non-small cell lung adenocarcinoma stage IVB</b><br>Gem Angeli Burgos (Philippines), Evelyn Ragos, Charlotte Laurel   |

## Poster Session (1A) - Lung Cancer

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP02-013         | 1424        | <b>Primary pulmonary myxoid sarcoma in a 25- year-old Filipino male: A case report</b><br>Jellicoe Maine Asuncion-Lugtu (Philippines), Randy Joseph Castillo, Guia Elena Imelda Ladrera, Maria Cecilia Danguilan                    |
| AP02-014         | 1449        | <b>Primary pulmonary synovial sarcoma presenting as a solitary pulmonary mass in a 49 year old female: A case report</b><br>Maria Carmelle Juaneza (Philippines)  |
| AP02-015         | 1457        | <b>3d slicer application for measuring tumour burden in advance lung cancer</b><br>Justin Tan (Malaysia), Emily Wang, Kwun Fong, Ian Yang, Henry Marshall   |
| AP02-016         | 1485        | <b>Association between acetaminophen exposure and 28-day mortality in critical patients with primary lung cancer: A retrospective cohort study</b><br>Xue He (China), Chen Chen   |
| AP02-017         | 1492        | <b>Evaluation of lidocaine topical addition on trans thoracic biopsy in Dr. Zainoel Abidin Hospital Banda Aceh, Indonesia</b><br>Dian Putri Utami (Indonesia), Ilham Mulyana, Sri Dianova, Ferry Dwi Kurniawan                      |
| AP02-018         | 1505        | <b>Clinical and histopathology features to predict EGFR mutation of lung adenocarcinoma in Aceh province, Indonesia</b><br>Vikri Andriansyah (Indonesia), Budi Yanti, Fitri Dewi Ismida, Meilya Silvalila                           |
| AP02-019         | 1518        | <b>Pancoast tumor presenting as pulmonary tuberculosis: A case report</b><br>Neza May Kho Yute (Philippines), Sean Fergie Verallo   |
| AP02-020         | 1525        | <b>Epidemiological insights into lung cancer at national respiratory center in Indonesia, 2018-2022</b><br>Andika Chandra Putra (Indonesia), Elisna Syahrudin, Jamal Zaini, Erlang Samoedro, Sita Laksmi Andarini                   |
| AP02-021         | 1535        | <b>Pulmonary hyalinizing granuloma presenting as a superior vena cava syndrome in a 35-year-old male</b><br>Almera Manan (Philippines), Krista Kamille Franco, Jessie Orcasitas   |
| AP02-022         | 1562        | <b>Case report: Pleomorphic carcinoma of the lung, a rare and poor prognosis case in Abdul Moeloek Hospital, Lampung, Indonesia</b><br>Gilang Kukuh Megantoro (Indonesia), Fransisca Sinaga, Indah Yati                             |
| AP02-023         | 1566        | <b>Challenges in diagnosing pneumonia-type lung adenocarcinoma</b><br>Nur Husna Mohd Aminudin (Malaysia), Khai Lip Ng, Thian Hao Ho, Kasuma Mohamed Nordin  |
| AP02-024         | 1668        | <b>Low-dose osimertinib in an elderly with EGFR-mutant metastatic lung adenocarcinoma: A case report and literature review</b><br>Kemuel Dave Yahot (Philippines), Guinevere Dy-Agra, Ma. Luisa Tiambeng, Jamie Lynn Co             |
| AP02-025         | 1684        | <b>Systemic anti-cancer therapy in Māori, with stage III and IV non-small cell lung cancer</b><br>Kelson Tu'akoi (New Zealand), Janice Wong, Ha Nguyen, Mark Elwood, Mark McKeage, Ross Lawrenson                                   |
| AP02-026         | 1704        | <b>Factors associated with delay in the initiation of emergency radiotherapy in malignant superior vena cava syndrome</b><br>Ralph Matthew Posas (Philippines), Deion Jovencio Pada, Rogelio Jr. Velasco, Guia Elena Imelda Ladrera |
| AP02-027         | 1708        | <b>Spontaneous regression of squamous cell lung carcinoma in a 47-year-old Filipino male presenting as lung abscess: A case report</b><br>Bonn Ma (Philippines), Guia Elena Imelda Ladrera, Kristel Jayne Medina                    |
| AP02-028         | 1710        | <b>Malignant cardiac tamponade: A rare initial presentation of non-small cell lung adenocarcinoma</b><br>Maria Karina Pe (Philippines), Aura Kaye Gonzales, Jamie Lynn Co, Erwin Dizon  |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP02-029         | 8053        | <b>Cigarette smoke induces epithelial-to-mesenchymal transition and metastasis in NSCLC via upregulated PRMT6/ PI3K/AKT pathway</b><br>Xiaojing Chang (China), Jie Ca  |
| AP02-030         | 8063        | <b>Five year survival of mediastinal tumor patients at Prof Ngoerah Hospital Anak Agung Ngurah Alit Pramarta (Indonesia),</b> Ida Ayu Jasminarti Dwi Kusumawardani   |
| AP02-031         | 8065        | <b>Nab-TET: A phase II clinical trial on the efficacy and safety of carboplatin plus nab-paclitaxel in chemotherapy-naïve advanced or recurrent thymic epithelial tumors</b><br>Fumiko Hayashi (Japan), Shinnosuke Takemoto, Ryosuke Ogata, Yasuhiro Umeyama, Katsumi Nakatomi, Takaya Ikeda, Nanae Sugasaki, Seiji Doi, Midori Matsuo, Hirokazu Taniguchi, Hiroshi Gyotoku, Shinya Tomari, Minoru Fukuda, Hiroshi Soda, Hiroshi Mukae |
| AP02-032         | 8095        | <b>Case report of a lung adenocarcinoma patient without acquired EGFR T790M-cis-C797S benefiting from Icotinib treatment after resistance to first-line osimertinib</b><br>Yalei Zhang (China)   |
| AP02-033         | 8105        | <b>Evaluating a new rapid access lung cancer clinic at an Australian tertiary hospital</b><br>Yizhong Zheng (Australia), Callum Betteridge, Jennifer Tan, Arnab Chatterjee, Katrin Mannes, Jay Flack, Nicole Hersch, Fedil Metti   |


## Poster Session (1A) - Paediatric Lung Disease

Date: 8 Nov 2024 (Fri)  
 Time: 09:30 – 11:00  
 Theme: Paediatric Lung Disease  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderator: Dr. Daniel Ng (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP03-001         | 1255        | <b>Evaluation of clinical and paraclinical characteristics and risk factors with the results of treatment of pneumonia caused by mycoplasma pneumoniae in children at E Hospital in 2023</b><br>Thi Phuong Mai Ninh (Vietnam), Van Quy Truong, Thi Ngoc Sen Dang, Thi Huong Nguyen |
| AP03-002         | 1370        | <b>The dynamics of small airway function in treatment-adherent pediatric asthma patients</b><br>Tai Tran-Quoc (Vietnam), Thu Tran Thi Kim, Lan Le Thi Tuyet  |
| AP03-003         | 8039        | <b>Multilevel airway obstruction and obstructive sleep apnea syndrome in a child with hunter syndrome: A case report</b><br>Dimas Dwi Saputro (Indonesia), Madeleine Ramdhani Jasin, Nastiti Kaswandani, Cut Nurul Hafifah   |


## Poster Session (1B) - Clinical Allergy and Immunology

Date: 8 Nov 2024 (Fri)  
 Time: 11:30 – 13:00  
 Theme: Clinical Allergy and Immunology  
 Venue: Convention and Theatre Foyer Level 1  
 Moderators: Dr. Pik-shan Cheung (Hong Kong), Dr. Kah-lin Choo (Hong Kong), Dr. Chi-kai Chow (Hong Kong), Dr. Mohammad Abdus Shakur Khan (Bangladesh), Professor Jing Li (China)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP01-001         |  1203 | <b>Lung IgE+ plasma cells with unique phenotype play an important role in allergic bronchopulmonary aspergillosis</b><br>Yifan Wu (China), Jinfu Xu  |
| AP01-002         | 1277   | <b>The function of neutrophil extracellular traps (NETs) in airway epithelial cells in the murine model of steroid-resistant asthma</b><br>Takayasu Nishimaki (Japan), Norihiro Harada, Sonoko Harada, Koichi Jingo, Tomoko Okuma, Takayasu Watanabe, Yoshihiko Sato, Yukari Kato, Sumiko Abe, Shoko Ueda, Yuuki Sandhu, Yuki Tanabe, Hitoshi Sasano, Kazuhisa Takahashi |
| AP01-003         | 8031   | <b>Allergic bronchopulmonary aspergillosis with eosinophilic component alone</b><br>Ryoma Yamashita (Japan), Mikio Toyoshima, Keisuke Morikawa, Keigo Koda, Yosuke Kamiya, Takafumi Suda   |

## Poster Session (1B) - Cell and Molecular Biology

Date: 8 Nov 2024 (Fri)  
 Time: 11:30 - 13:00  
 Theme: Cell and Molecular Biology  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderator: Professor Kyeong-man Jeon (Republic of Korea)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP04-001         | 1129   | <b>The effect of metabolic syndrome on the level of lung fibrosis and PPAR<math>\gamma</math> expression in serum and lung tissues of sprague dawley rats</b><br>Muli Yaman (Indonesia), Susanthy Djajalaksana, Ngakan Putu Parsama Putra, Hendy Setyo Yudhanto  |
| AP04-002         |  1222 | <b>A long non-coding RNA LINC X, induced by the mutant KRAS, is a potential therapeutic target for lung cancer</b><br>Nozomi Kawabe (Japan), Nao Muraki, Kazuki Komeda, Ayano Ohashi, Kanna Umeda, Masahito Katsuda, Aya Tomatsu, Mikina Yoshida, John Minna, Ichidai Tanaka, Masahiro Morise, Miyoko Matsushima, Tsutomu Kawabe, Mitsuo Sato  |
| AP04-003         | 1224   | <b>Gene A, a gene increased by mutant KRAS, is a potentially druggable target for lung adenocarcinoma</b><br>Kanna Umeda (Japan), Nozomi Kawabe, Nao Muraki, Kazuki Komeda, Ayano Ohashi, Masahito Katsuda, Aya Tomatsu, Mikina Yoshida, John Minna, Ichidai Tanaka, Masahiro Morise, Miyoko Kawabe, Mitsuo Sato   |
| AP04-004         | 1225   | <b>BRAFV<sup>600E</sup> enhances anchorage-independent growth but inhibits anchorage-dependent growth in hTERT / Cdk4-immortalized normal human bronchial epithelial cells</b><br>Ayano Ohashi (Japan), Nao Muraki, Nozomi Kawabe, Kanna Umeda, Masahito Katsuda, Aya Tomatsu, Mikina Yoshida, Kazuki Komeda, John Minna, Ichidai Tanaka, Masahiro Morise, Miyoko Matsushima, Yusuke Matsui, Tsutomu Kawabe, Mitsuo Sato |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP04-005         | 1516        | <b>5'TTAGGG-3': You're it!</b><br>Jessica Taylor (Australia), Melissa Simonds   |
| AP04-006         | 1677        | <b>The NOS2-c.1823C&gt;T (rs2297518) Ser608Leu association with increased fractional exhaled nitric oxide of asthma patients in Jakarta</b><br>Sylvia Rianissa Putri (Indonesia), Budhi Antariksa, Andika Chandra Putra |
| AP04-007         | 8002        | <b>Intermittent hypoxia induces Th17/Treg imbalance in a murine model of obstructive sleep apnea</b><br>Do-Young Park (Republic of Korea), Da-Young Park, Hyun Jun Kim  |

## Poster Session (1B) - Asthma

Date: 8 Nov 2024 (Fri)  
 Time: 11:30 - 13:00  
 Theme: Asthma  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Pik-shan Cheung (Hong Kong), Dr. Kah-lin Choo (Hong Kong), Dr. Chi-kai Chow (Hong Kong),  
 Dr. Mohammad Abdus Shakur Khan (Bangladesh), Professor Jing Li (China)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP05-001         | 1017        | <b>Immunological phenotype in asthma - impact on long-term renal outcomes</b><br>Wang Chun Kwok (Hong Kong), Terence Chi Chun Tam, James Chung Man Ho, David Chi Leung Lam, Mary Sau Man Ip, Desmond Yat Hin Yap  |
| AP05-002         | 1072        | <b>Severe asthma, benign intracranial hypertension, and biologic therapy management challenges</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Boon Hau Ng, Mohd Zhafran Zainal Abidin, Nor Safiqah Sharil, Andrea Ban Yu Lin  |
| AP05-003         | 1104        | <b>Comorbidity clusters in a difficult asthma cohort and their longitudinal outcomes</b><br>Tunn Ren Tay (Singapore), Yiong Huak Chan, Nicole Sieow, Kundan Saripalli, Anthony Yii, Xue Ning Choo   |
| AP05-004         | 1121        | <b>Association of metabolic syndrome with COPD, asthma, and chronic bronchitis: Insights from the 7<sup>th</sup> and 8<sup>th</sup> KNHANES surveys</b><br>Jin Hwa Song (Republic of Korea), Hye-Rin Kang, Keun Bum Chung   |
| AP05-005         | 1133        | <b>Investigating disease awareness and factors influencing understanding among Asthma patients in an outpatient clinic: A general-hospital perspective</b><br>Aroonwan Wongderm (Thailand), Rungrapa Thongtip, Wipanee Phongamphai, Jinjuta Ngeyvijit   |
| AP05-006         | 1153        | <b>Serum derivatives-reactive oxygen metabolites levels in patients with bronchial asthma, COPD, and asthma-COPD overlap</b><br>Keitaro Nakamoto (Japan), Masato Watanabe, Masaoki Saito, Keisuke Kasuga, Chika Miyaoka, Yuki Yoshida, Kojiro Honda, Takeshi Saraya, Masafumi Shimoda, Yoshiaki Tanaka, Mikio Saotome, Ken Ohta, Haruyuki Ishii |
| AP05-007         | 1163        | <b>Association between advanced lung cancer inflammation index and unstable asthma: A population-based study</b><br>Zhou Jin (China), Wen Sun, Junjun Huang, Guangfa Wang   |
| AP05-008         | 1175        | <b>Make home self-administration of asthma biologic therapy possible</b><br>Kuen Han Lee (Hong Kong), Pui Shan Chow, Fung Ting Mak, Pik Kee Maggie Lit  |




## Poster Session (1B) - Asthma

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP05-009         | 1186        | <b>The impact of treatment with omalizumab, mepolizumab, benralizumab, dupilumab and tezepelumab in patients with severe asthma</b><br>Taichi Mochizuki (Japan), Yasushi Inoue, Ryuta Ueda, Seisuke Nagase, Kazuyoshi Kuwano, Akira Umeda, Yasuo To, Seiichiro Sakao  |
| AP05-010         | 1192        | <b>Addressing the challenge of spacer adherence: Drug delivery data and real world usability outcomes with a new 'on the go' spacer</b><br>Jason Suggett (Canada)   |
| AP05-011         | 1235        | <b>Association between steroid sensitivity and severity in patients with asthma: A prospective 1-year follow-up study</b><br>Sekiko Uehara (Japan), Keita Hirai, Toshihiro Shirai, Taisuke Akamatsu, Kunihiro Itoh  |
| AP05-012         | 1285        | <b>Clinical response and remission in individuals with severe asthma receiving biologic therapy: A breath of fresh air</b><br>Izzatul Nadzirah Ismail (Malaysia), Amir Asyraf Mohd Rushdan, Arvindran Alaga   |
| AP05-013         | 1297        | <b>Evaluation of the efficacy and predictive factors of dupilumab for cough and sputum in severe asthma: A real-world study</b><br>Ryosuke Ozoe (Japan), Kenji Mizumura, Shiho Yamada, Asami Fukuda, Shuichiro Maruoka, Yasuhiro Gon  |
| AP05-014         | 1353        | <b>Enhancing severe asthma referral and care through severe asthma network: The experience in Kota Setar, Kedah, Malaysia</b><br>Arvindran Alaga (Malaysia)   |
| AP05-015         | 1360        | <b>An open-label single arm prospective study to evaluate improvement in ACQ-5 and minimal clinically important difference in ACQ-5 among asthmatic patients on indacaterol-mometasone DPI</b><br>Ekta Sinha (India), Sagar Bhagat, Saiprasad Patil, Hanmant Barkate  |
| AP05-016         | 1504        | <b>Omalizumab in elderly asthma patient: A case report</b><br>Husain Kadhém (Bahrain), Mohammed Makhloq, Naser Naser  |
| AP05-017         | 1629        | <b>Exploring the link between asthma triggers and control: Experiences from a tertiary centre in Penang, Malaysia</b><br>Deepa Priya Naidu Subramaniam (Malaysia), Nor Syamimi Mohd Isa, Sumithra Appava, Kartiben Nagarajan, Siti Norwahida Azami, Jaya Muneswarao Ramadoo, Lalitha Perierasamy, Ai Khiang Goon, Umadevi A. Muthukumar, Irfhan Ali Hyder Ali |
| AP05-018         | 1675        | <b>Tracheal stenosis masquerading severe asthma</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Azat Azrai Azmel, Ahmad Faiq Sa'dan Mohd Zaini, Boon Hau Ng, Nur Safiqah Sahril, Mas Fazlin Mohamad Jailani, Mohamad Faisal Abdul Hamid, Mawaddah Azman, Andrea Ban Yu Lin   |
| AP05-019         | 8030        | <b>Exploring digital stethoscope sound analysis for suspected asthma: A pilot case study</b><br>Ji Hyun Oh (Republic of Korea), Chul Ho Oak, Hee Kyoo Kim, Jungho Lee, Won Yang Cho, Hyesun Chang, Soyeon Jeon  |
| AP05-020         | 8054        | <b>Territory-world real world retrospective study on the clinical impact of biologics usage among patients with severe asthma</b><br>Wang Chun Kwok (Hong Kong), Chung Ki Tsui, Raymond Leung, James Chung Man Ho   |
| AP05-021         | 8057        | <b>Do asthma patients prescribed a GLP1 have improved asthma outcomes?</b><br>David Price (Singapore), Alan Kaplan, Heath Heatley, John Townend, Derek Skinner, Victoria Carter, Richard Hubbard, Tan Tze Lee, Mariko Koh   |
| AP05-022         | 8058        | <b>Discontinued medications: Are they really discontinued?</b><br>Rion Kudo (Singapore), Qian Wen Leo, Hsiao Peng Toh, Jonathan Goh, Joyce Ang, Khim Hee Tan, Megan Hey   |



## Poster Session (1B) - Critical Care Medicine

Date: 8 Nov 2024 (Fri)  
 Time: 11:30 - 13:00  
 Theme: Critical Care Medicine  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Grace Lam (Hong Kong), Dr. Chun-wing Lau (Hong Kong)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP06-001         | 1124   | <b>Acute respiratory distress syndrome from anti-synthetase syndrome</b><br>Shweh fern Loo (Singapore), Wesley Teck Wee Loo, Carrie Kah Lai Leong  |
| AP06-002         | 1135   | <b>Analysis of the waitlist performance and post-transplant outcomes of lung transplant in elderly in Korea: A nationwide cohort study</b><br>Hye Ju Yeo (Republic of Korea), Jin Ho Jang  |
| AP06-003         | 1138   | <b>Role of biomarkers in determining early intubation</b><br>Sarang Patil (India)  |
| AP06-004         | 1189   | <b>Correlation between syndromic rapid multiplex PCR and conventional culture of sputum, and antibiotic selection in severe pneumonia</b><br>Eun Jin Kim (Republic of Korea)   |
| AP06-005         | 1212   | <b>Utility of high flow nasal cannula and its predictors of failure in COVID-19 associated acute hypoxemic respiratory failure</b><br>Sol Mara Mariano (Philippines), Ayn Marie Lao  |
| AP06-006         | 1367   | <b>Mind the gap - A rare case of toluene toxicity with pulmonary manifestations</b><br>Sugeesha Wickramasinghe (Sri Lanka), Irshad Fahd, Susan Cox, Andrew Nixon, Janani Vaghani   |
| AP06-007         |  1448 | <b>Sarcopenia measured using a point-of-care ultrasound (POCUS) as a predictor for hospital adverse outcomes among medical intensive care unit patients in a tertiary hospital in Manila, Philippines</b><br>Sean Fergie Verallo (Philippines), Patrick Gerard Moral, Julie Christie Visperas, Ramon Kristoffer Mengullo |
| AP06-008         | 1464   | <b>The development of physiotherapy protocol in intensive care unit (ICU) patients</b><br>Supawit Duangmalai (Thailand), Natthawut Chuensawad, Napaporn Vaewthong, Kornanong Yuenyongchaiwat, Noppawan Charususin  |
| AP06-009         | 1470   | <b>The role of pendrin in acute lung injury/acute respiratory distress syndrome caused by ventilator induced lung injury</b><br>Chang Hwan Sul (Republic of Korea), Ji Soo Choi, Mi Hwa Shin, Go Eun Oh, Sung Woo Jo, Doo Na Song, Wan NamKung, Gyoon Hee Han, Jae Young Choi, Moo Suk Park                              |
| AP06-010         | 1561   | <b>The role of Interleukin 8 (IL-8) as predictors of the severity in acute respiratory distress syndrome at Abdul Moeloek Hospital, Lampung, Indonesia</b><br>Pralia Winda Sari (Indonesia), Retno Ariza Soemarwoto, Fransisca Tarida Sinaga, Andreas Infianto, Junus Didiek Herdato, Hidayat Hidayat                    |
| AP06-011         | 1598   | <b>When breath becomes arrhythmia: A meta-analysis on routine oxygen use in patients with acute myocardial infarction</b><br>Sean Fergie Verallo (Philippines), Selena Sta. Maria  |
| AP06-012         | 1688   | <b>A case of acupuncture-related pneumothorax</b><br>Junko Tanahashi (Japan), Ryo Yamamoto, Kohei Nishida, Akihito Tsunoda, Masamichi Mineshita  |
| AP06-013         | 8104   | <b>Prognosis of chemotherapy in critically ill patients</b><br>Soo Jin Han (Republic of Korea), Jin Won Huh  |

## Poster Session (1C) - Interstitial Lung Disease

Date: 8 Nov 2024 (Fri)  
 Time: 14:15 – 15:45  
 Theme: Interstitial Lung Disease  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Jenny Ngai (Hong Kong), Professor Jin-woo Song (Republic of Korea), Dr. Elaine Sze (Hong Kong), Dr. Felicia Teo (Singapore), Dr. Wing-ho Yip (Hong Kong)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP07-001         |  1023   | <b>The m6A reader IGF2BP1 facilitates macrophage glycolytic metabolism and fibrotic phenotype to promote pulmonary fibrosis via IGF2BP1/THBS1/TLR4 axis</b><br><b>Siying Ren (China)</b> , Lulu Yang, Liting Huang, Yan Hu   |
| AP07-002         | 1029   | <b>Ceritinib-induced organising pneumonitis</b><br><b>Boon Hau Ng (Malaysia)</b> , Hsueh Jing Low, Nik Nuratiqah Nik Abeed, Nor Safiqah Sharil, Rose Azzlinda Osman, Amalinaliyana Kamaruzaman, Andrea Yu-Lin Ban  |
| AP07-003         | 1031   | <b>Interstitial pneumonia complicating diffuse pulmonary ossification in patients with lung cancer</b><br><b>Karin Shimada (Japan)</b> , Satoshi Takamori, Marina Nakatsuka, Makoto Endo   |
| AP07-004         | 1033   | <b>An unusual presentation of anti-MDA5 amyopathic dermatomyositis: Migratory pulmonary consolidations</b><br><b>Qishan Lim (Singapore)</b> , Pipetius Quah  |
| AP07-005         | 1062   | <b>Propylthiouracil-induced ANCA vasculitis presenting as diffuse alveolar hemorrhage and acute kidney injury in a methimazole-allergic male treated with short course corticosteroid monotherapy, a case report</b><br><b>Inthira Simapichet (Thailand)</b>   |
| AP07-006         | 1081   | <b>Combating acute exacerbation: Methylprednisolone and antifibrotic in idiopathic pulmonary fibrosis</b><br><b>Nik Nuratiqah Nik Abeed (Malaysia)</b> , Boon Hau Ng, Azat Azrai Azmel, Nor Safiqah Sharil, Andrea Ban Yu Lin  |
| AP07-007         | 1090   | <b>Baseline characteristics of a prospective multi-centre study characterizing epidemiology and disease behaviour of interstitial lung diseases in Singapore (ILD-Sing)</b><br><b>Gin Tsen Chai (Singapore)</b> , Ziqin Ng, Yi Hern Tan, Michelle Li Wei Kam, Valencia Lim, Andrew Yunkai Li, Felicia Su Wei Teo, Su Ying Low                      |
| AP07-008         |  1114 | <b>Development of machine learning model in prediction of the rapid progression of interstitial lung disease in patients with idiopathic inflammatory myopathy</b><br><b>Yuhui Qiang (China)</b> , Hongyi Wang, Yifei Ni, Jianping Wang, Anqi Liu, Haoyu Yang, Linfeng Xi, Yanhong Ren, Bingbing Xie, Shiyao Wang, Min Liu, Chen Wang, Huaping Dai |
| AP07-009         | 1118   | <b>Acute interstitial pneumonia in a patient with rheumatoid arthritis, a diagnostic and management challenge</b><br><b>Jason Liew (Singapore)</b> , Yihern Tan  |
| AP07-010         | 1136   | <b>A prospective, multi-center registry study of progressive pulmonary fibrosis (PPF) in China (PROFINA)</b><br><b>Zuojun Xu (China)</b> , Chengsheng Yin, Tao Chen, Yubin Chen  |
| AP07-011         | 1194   | <b>Nebulised fentanyl administered to attenuate pulmonary vagal afferent activity, reduces ventilation during incremental maximal cardiopulmonary exercise testing in fibrosing interstitial lung disease</b><br><b>Charlotte Chen (New Zealand)</b> , Julian Paton, John Kolbe, James Fisher  |
| AP07-012         | 1210   | <b>Oatmeal protects against secondhand smoke-induced pulmonary fibrogenesis: A pre-clinical study</b><br><b>Farida Anggraini Soetedjo (Indonesia)</b> , Johanes Aprilus Falerio Kristijanto  |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP07-013         | 1226        | <b>Investigating the epidemiology of idiopathic pulmonary fibrosis in Taiwan</b><br>Chung-Yu Chen (Taiwan), Ye Gu, Ting-Jung Lu   |
| AP07-014         | 1227        | <b>Clinical, radiological and pathological features of subpleural curvilinear line</b><br>Kosumi Kumagai (Japan), Tomohisa Baba, Takashi Fukushima, Erina Tabata, Atsuhito Nakazawa, Tae Iwasawa, Tomoe Sawazumi, Tamiko Takemura, Takashi Ogura  |
| AP07-015         | 1268        | <b>Development of a multi-color flow cytometry panel for immune cell analysis in bronchoalveolar lavage: Implications for diagnosing interstitial lung disease in the Philippines</b><br>K-Anne Apostol (Philippines), Rodolfo Pagcatipunan, Ruth Marie Divinagrancia   |
| AP07-016         | 1286        | <b>Interstitial lung disease in idiopathic inflammatory myopathies</b><br>Luk Ping Lam (Hong Kong), Loretta, Yin Chun Yam, Pui Ling Miu   |
| AP07-017         | 1307        | <b>NLRP3 inflammasomes in alveolar epithelial cells promote inflammation and fibrosis in a mouse model of silicosis</b><br>Maggie Lam (Australia), Kristian Barry, Christopher Hodges, Christopher Harpur, Ashley Mansell, Michelle Tate  |
| AP07-018         | 1333        | <b>Vexas syndrome with some patterns of pulmonary shadows</b><br>Kyoko Matsui (Japan), Hiroshi Takahashi, Masamitsu Hamakawa, Tadashi Ishida, Keisuke Nishimura   |
| AP07-019         | 1394        | <b>The ubiquitous role of chest radiograph in pulmonary diseases</b><br>Kundan Reddy Saripalli (Singapore)  |
| AP07-020         | 1411        | <b>Persistent postoperative pleural effusion and pleural thickening as indicators for the development of upper-lung field pulmonary fibrosis radiologically consistent with pleuroparenchymal fibroelastosis after lung cancer surgery</b><br>Akimasa Sekine (Japan), Masashi Nishimura, Hiromasa Arai, Tae Iwasawa, Tsuneyuki Oda, Takashi Ogura |
| AP07-021         | 1418        | <b>Recurrent bilateral spontaneous pneumothorax in woman with tuberous sclerosis complex associated with pulmonary lymphangioleiomyomatosis: Outcome of everolimus and pleurodesis</b><br>Zul Amali Che Kamaruddin (Malaysia), Noor Izyani Zakaria, Suzila Che Sayuti, Azza Omar, Mat Zuki Mat Jaeb, Tg Asyekin Mohd Yusof                        |
| AP07-022         | 1437        | <b>Hitting one bird with two stones or not? Combined pulmonary fibrosis and emphysema in an Asian patient</b><br>Lucas Emir Sheikh Saturinas (Philippines), Aileen Banzon, Ma. Celestina Teresita Fuentes   |
| AP07-023         | 1443        | <b>Autotaxin/lysophosphatidic acid axis through Rho/ROCK signal-induced lung fibroblasts-mediated fibrotic mechanisms</b><br>Takuto Sueyasu (Japan), Junko Watanabe, Shinsaku Togo, Yuta Arai, Haruki Hirakawa, Shun Nakazawa, Hiroaki Motomura, Yusuke Ochi, Issei Sumiyoshi, Motoyasu Kato, Hideya Kitamura, Takashi Ogura, Kazuhisa Takahashi  |
| AP07-024         | 1474        | <b>Occupational respiratory disease: A case report of interstitial lung disease in gold miners</b><br>Tria Mairizka (Indonesia), Herry Priyanto, Shilvanna Litanía  |
| AP07-025         | 1476        | <b>A soldier with pulmonary hypertension in idiopathic non-specific interstitial pneumonia</b><br>Juanda Akbar (Indonesia), Budi Yanti, Teuku Zulfikar  |
| AP07-026         | 1484        | <b>A gold miner with the pneumoconiosis of occupational interstitial lung disease</b><br>Cut Gyna Andriyani (Indonesia), Irmayani Irmayani, Nurrahmah Yusuf   |
| AP07-027         | 1527        | <b>Unraveling the rarity: A single-centre retrospective study of sarcoidosis in Malaysian patients</b><br>Sumithra Appava (Malaysia), Chen Yong Tan, Shoban Raj Vasudayan, Yen Shen Wong, Haly Rozie Ahmad, Noorul Afidza Muhammad, Mona Zaria Nasaruddin, Jamalul Azizi Abdul Rahaman  |

## Poster Session (1C) - Interstitial Lung Disease

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP07-028         | 1539        | <b>Lymphangioleiomyomatosis (LAM): A conundrum of holes and leaks</b><br>Ranjitha Chandran (Malaysia), Syazatul Syakirin Sirol Aflah  |
| AP07-029         | 1542        | <b>Aged garlic extract suppressed lung fibroblast-mediated lung fibrosis</b><br>Haruki Hirakawa (Japan), Shinsaku Togo, Motoyasu Kato, Takuto Sueyasu, Koichi Kurata, Yuta Arai, Shun Nakazawa, Hiroaki Motomura, Yusuke Ochi, Issei Sumiyoshi, Kazuhisa Takahashi  |
| AP07-030         | 1552        | <b>Significance of small subpleural polygonal opacity in the diagnosis and prognosis of early interstitial lung diseases</b><br>Tsuneyuki Oda (Japan), Hideya Kitamura, Akimasa Sekine, Tamiko Takemura, Takashi Ogura  |
| AP07-031         | 1558        | <b>Efficacy of avacopan in anti-neutrophil cytoplasmic antibody-associated interstitial pneumonia: A case series</b><br>Osamu Kanai (Japan), Takanori Ito, Zentaro Saito, Takuma Imakita, Issei Oi, Kohei Fujita, Kiminobu Tanizawa   |
| AP07-032         | 1569        | <b>Change of lung function predicts mortality significantly in patients with IPF than baseline lung function: A study of the Korea IPF cohort registry</b><br>Jae Ha Lee (Republic of Korea)  |
| AP07-033         | 1607        | <b>Trends in lung function deterioration among patients with connective tissue disease-associated interstitial lung disease</b><br>Kevin Aristyo (Indonesia), Irandi Putra Pratomo, Fariz Nurwidya, Triya Damayanti, Prasenohadi Prasenohadi  |
| AP07-034         | 1636        | <b>CPFE: A unique entity</b><br>Nitya Nanda Mondal (India), Aheli Sen, Nilotpal Bhattacharya, Prashant Kumar, Promoshi Podder, Soumya Biswas, Manisha Kutare  |
| AP07-036         | 1656        | <b>Mapping the spectrum of interstitial lung disease: Insights from Pulau Pinang</b><br>Nor Syamimi Mohd Isa (Malaysia), Sumithra Appava, Kartiiben Nagarajan, Deepa Priya Naidu Subramaniam, Man Ee Chiew, Jaya Muneswarao, Lalitha Pereirasamy, Ai Khiang Goon, Umadevi Muthukumar, Irfhan Ali Hyder Ali                                    |
| AP07-037         | 1659        | <b>Clinical characteristics and gene mutation analysis of families with Birt-Hogg-Dubé syndrome</b><br>Yanan Zhang (China), Jinxia Wang, Juan Chen, Jinxi He, Zhengping Zhang   |
| AP07-038         | 8007        | <b>Prognostic value of traction bronchiectasis and honeycomb on 5-mm-thick CT images in idiopathic pulmonary fibrosis</b><br>Yuri Hiramatsu (Japan), Kazunori Tobino  |
| AP07-039         | 8021        | <b>Productive cough associated with computed tomography analysis results and patient-reported outcomes in idiopathic pulmonary fibrosis: A single centre cross-sectional study</b><br>Hirotsugu Ohkubo (Japan), Kohei Fujita, Yoshihiro Kanemitsu, Akihito Okada, Akiko Nakano, Minoru Horiuchi, Yoshiyuki Ozawa, Takayuki Murase, Akio Niimi |
| AP07-040         | 8027        | <b>A firm butterfly: A case of patient with discoid lupus and interstitial lung disease overlapping with systemic sclerosis</b><br>Edmart Pastrana (Philippines), Bernice Ong- Dela Cruz  |
| AP07-041         | 8042        | <b>Effects of multidisciplinary rehabilitation on weight management in interstitial lung disease</b><br>Taichi Kaneko (Japan), Atsuhito Nakazawa, Eri Hagiwara, Akimasa Sekine, Shigeru Komatsu, Takashi Ogura  |
| AP07-042         | 8100        | <b>Can post covid infection cause interstitial lung disease?</b><br>Sherwina Juljani (Philippines), Aileen Banzon   |

## Poster Session (1D) - Tuberculosis

Date: 8 Nov 2024 (Fri)  
 Time: 16:15 – 17:45  
 Theme: Tuberculosis  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Fifian Chiang (Hong Kong), Dr. Hoi-yee Kwan (Hong Kong), Dr. Jackson Leung (Hong Kong),  
 Dr. See-wan Yan (Hong Kong)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP08-001         | 1078   | <b>Navigating complications: A case report on pulmonary tuberculosis with persistent air leak leading to pneumonectomy</b><br><b>Nik Nuratiqah Nik Abeed (Malaysia)</b> , Boon Hau Ng, Azat Azrai Azmel, Mohamad Faisal Abdul Hamid, Muhammad Ishamuddin Ismail, Andrea Ban Yu Lin |
| AP08-002         | 1079   | <b>An unusual presentation of haemorrhagic pleural nodule in a pleural tuberculosis</b><br><b>Nik Nuratiqah Nik Abeed (Malaysia)</b> , Boon Hau Ng, Azat Azrai Azmel, Nor Safiqah Sharil, Andrea Ban Yu Lin  |
| AP08-003         | 1095   | <b>Development of algorithm for detecting pulmonary tuberculosis on chest radiography</b><br><b>Chiu-Fan Chen (Taiwan)</b> , Chun-Hsiang Hsu, You-Cheng Jiang, Wen-Ren Lin, Wei-Cheng Hong, I-Yuan Chen, Min-Hsi Lin, Kuo-An Chu, Chao-Hsien Lee, David Lin Lee, Po-Fan Chen       |
| AP08-004         | 1148   | <b>A 55-year-old with a paraspinal soft tissue mass, an intracranial lesion and miliary lung nodules</b><br><b>Ying Na Ho (Singapore)</b> , Genevieve Mei Yun Tan, Glenn Khai Wern Yong  |
| AP08-005         | 1157   | <b>Unveiling substantial haemoptysis in a young man battling systemic lupus erythematosus</b><br><b>Nik Nuratiqah Nik Abeed (Malaysia)</b> , Boon Hau Ng, Muhammad Yusof Abu Shamsi, Rozita Mohd, Andrea Ban   |
| AP08-006         | 1178   | <b>Impact of outreach directly observed therapy (ODOT) on TB treatment outcome</b><br><b>Angeline PG Chua (Singapore)</b> , Tiffany BYL Tan, Mui-Hong Seow, Ping Xu, Caroline V Choong   |
| AP08-007         |  1244 | <b>Exploring ocular tuberculosis at a tertiary centre in northern Malaysia: An analysis of characteristics and outcomes</b><br><b>Kughanishah Jeyabalan (Malaysia)</b> , Asyif Fairus Ahmad, Noor Yusriza Suzane Mohd Yusoff, Arvindran Alaga                                      |
| AP08-008         | 1251   | <b>Clinical characteristics of hospitalized tuberculous meningitis patients and the outcomes: A Malaysian perspective</b><br><b>Kughanishah Jeyabalan (Malaysia)</b> , Asyif Fairus Ahmad, Noor Yusriza Suzane Mohd Yusoff, Arvindran Alaga  |
| AP08-009         | 1276   | <b>Disseminated tuberculosis with recurrent massive pleural effusion in an immunocompetent male: A case report</b><br><b>Rea Burgos (Philippines)</b> , Clarise Joyce Vaje, Hyacinth Zamora, Gian Carlo Arandia  |
| AP08-010         | 1293   | <b>Tuberculosis pyopneumothorax in cerebral palsy patient with prior delayed tuberculosis treatment: A case report</b><br><b>Irene Oinike (Indonesia)</b> , Adrianison Samsu, Riki Sukiandra, Tengku Misdalia, Nur Hasanah   |

## Poster Session (1D) - Tuberculosis

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP08-011         | 1323        | <b>Clinical outcomes of empirical anti tuberculosis treatment in clinically diagnosed pulmonary and pleural tuberculosis; a single center study in semi urban Sri Lanka</b><br>Sumedha Heenagamage (Sri Lanka), Sammani Wijerathne, Randima Janasinghe, Madhubashini Chamila, Tharusha Gunarathne, Ruvini Piyasena, Rukshan Sirisena |
| AP08-012         | 1340        | <b>Navigating the diagnostic maze of disseminated tuberculosis in peritoneal dialysis patient</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Wan Rohaslizan Wan Daud, Boon Hau Ng, Muhammad Yusuf Abu Shamsi, Andrea Ban, Nur Ezzaty Mohammad Kazmin, Lydia Kamarulzaman, Ruslinda Mustafar, Rozita Mohd                                 |
| AP08-013         | 1399        | <b>Recurrent pulmonary tuberculosis presenting as lung abscess: A case report</b><br>Clarise Joyce Vaje (Philippines), Hyacith Elaine Zamora, Gian Carlo Arandia, Christopher John Tibayan, Rea Burgos   |
| AP08-014         | 1436        | <b>The association of pulmonary tuberculosis infection status and severity of COVID-19 infection among adult COVID-19 confirmed patients admitted at tertiary hospital</b><br>William Jr. Azarcon (Philippines), Noriel Dimaandal  |
| AP08-015         | 1453        | <b>Catastrophic hemoptysis in concurrent laryngeal and endobronchial tuberculosis in an immunocompetent host: Survival following brief ECMO support</b><br>Luk Ping Lam (Hong Kong), Wai Ming Chan   |
| AP08-016         | 1472        | <b>Urogenital tuberculosis concomitant with hydronephrosis</b><br>Muhammad Khairul Afif (Indonesia), Dewi Behtri Yanifitri, Yunita Arliny  |
| AP08-017         | 1473        | <b>Airway obstruction secondary to blood clot formation after an episode of massive hemoptysis in a clinically diagnosed PTB patient: A case report</b><br>Rafael Bien Guingon (Philippines), Adrian Geronimo, Karl Chan, Mario Joselito Juco  |
| AP08-018         | 1477        | <b>Massive tuberculous pericarditis and pleuritis in a prisoner with HIV-AIDS successfully treated with a pericardial window</b><br>Vina Mawaddah (Indonesia), Budi Yanti, Adi Purnawarman   |
| AP08-019         | 1487        | <b>The feasibility of Xpert MTB/RIF test for suspected tuberculosis children as a routine patient service in a low-resource hospital</b><br>Kholisah Nasution (Indonesia), Budi Firdaus, Vindy Ruslianti   |
| AP08-020         | 1496        | <b>Endobronchial tuberculosis in a young Filipino male adult: A case report</b><br>Sean Fergie Verallo (Philippines), Laurie Lynne Ngo   |
| AP08-021         | 1563        | <b>Pulmonary tuberculosis with development of cerebral venous sinus thrombosis and successfully treated with apixaban</b><br>Chamroeunniron Long (Cambodia), Sophana Min, Lundy Sieng, Sophana Sim, Vichitra Prok, Sokvorleak Hang, Phonsopheak Keo, Thaiheng Oeng, Sarin Chan, Bunpaul Chhar  |
| AP08-022         | 1621        | <b>Pyopneumothorax in tuberculosis patients caused by secondary bacterial infection due to inadequate treatment in active tuberculosis</b><br>Retno Elza (Indonesia), Indri Savitri  |
| AP08-023         | 1627        | <b>A case of pulmonary tuberculosis following targeted therapy for lung adenocarcinoma</b><br>William Nigole (Australia), Vicky Chang  |
| AP08-024         | 1630        | <b>The black bronchoscopy: A case of active mycobacterium tuberculosis</b><br>Ivy Castro (Philippines), Marlo Bagano, Mathius Dwight Calunod   |



| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP08-025         | 1631        | <b>A 14 year experience and retrospective cohort analysis of DS-TB patients at a public-private matrix TB DOTS Center of a private tertiary institution in Pasig, City Philippines</b><br>Mark Steven Pempengco (Philippines), Kriselle Felicia Lumunsad, Hermogenes Masangkay   |
| AP08-026         | 1641        | <b>Concomitant lung and abdominal tuberculosis: A case report</b><br>Nathania Kosuhary (Indonesia), Deva Bachtiar  |
| AP08-027         | 1678        | <b>A giant bulla in smear negative pulmonary tuberculosis</b><br>Nur Husna Mohd Aminudin (Malaysia), Khai Lip Ng, Kasuma Mohamed Nordin  |
| AP08-028         | 1697        | <b>Unravelling the complexity: A unique case of mycobacterium chimaera lung infection and pulmonary penicilliosis co-infection in a geriatric patient</b><br>Muhammad Imran Sidek (Malaysia), Tasnim Abdul Aziz, Ummi Nadira Daut  |
| AP08-029         | 8016        | <b>Tuberculosis presenting with recurrent pneumothoraces - An atypical presentation</b><br>Sugeesha Wickramasinghe (Sri Lanka), Mohammed Munavvar, Saleel Punnilath, David Russel  |
| AP08-030         | 8032        | <b>Pulmonary tuberculosis initially presenting as innumerable lung nodules mimicking metastatic disease in an elderly patient: A case report</b><br>Arielle Nicole Cheng (Philippines), Jamie Co-Shi   |
| AP08-031         | 8085        | <b>Correlation between acid-fast bacilli smear results and the extent of thoracic radiography lesions in pulmonary tuberculosis patients at Abdul Moeloek Hospital, Lampung, Indonesia</b><br>Retno Ariza Soeprihatini Soemarwoto (Indonesia), Pralia Winda Sari, Ety Apriliana, Anse Diana Valentiene Messah, Helmi Ismunandar, Azizah Nur Rahmah |
| AP08-032         | 8107        | <b>TB meningitis in a hepatitis C with liver cirrhosis patient: A management conundrum</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Nur Hazdiana Latip, Boon Hau Ng, Safiqah Sharil, Andrea Ban  |
| AP08-033         | 8114        | <b>Granulomatous Lymphadenitis - Is it all tuberculosis? Findings from a tertiary centre of high burden country</b><br>Nor Syamimi Mohd Isa (Malaysia), Deepa Priya Naidu Subramaniam, Umadevi A Muthukumar, Irfhan Ali Hyder Ali  |

## Poster Session (2A) - COPD

Date: 9 Nov 2024 (Sat)  
 Time: 09:30 – 11:00  
 Theme: COPD  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Hok-sum Chan (Hong Kong), Dr. Kah-lin Choo (Hong Kong), Professor Md. Ali Hossain (Bangladesh), Professor Irina Petrache (USA), Professor Faisal Yunus (Indonesia)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author   |
|------------------|--|---|
| AP09-001         |  1013 | <b>Long-term variability of small airway dysfunction defined by impulse oscillometry and poor outcomes: Results from the ECOPD cohort study</b><br>Lifei Lu (China), Jieqi Peng, Fan Wu, Xiangqing Hou, Pixin Ran, Yumin Zhou |
| AP09-002         | 1044   | <b>Association between handgrip strength and small airway disease in patients with stable chronic obstructive pulmonary disease</b><br>Thanapon Keawon (Thailand), Narongkorn Saiphoklang                                     |



## Poster Session (2A) - COPD

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP09-003         | 1093        | <b>Serum uric acid as a predictor and prognostic indicator of acute exacerbation and mortality in chronic obstructive pulmonary disease: A systematic review and meta-analysis</b><br>Phumipat Pipattanasak (Thailand), Puri Chunekamrai, Suthat Rungruanghiranya   |
| AP09-004         | 1105        | <b>Effectivity of early pulmonary rehabilitation and short wave diathermy in lowering becks depression inventory, IL-6, eosinophil, and TNF-<math>\alpha</math> among exacerbated COPD: A randomized experimental trial</b><br>Ilham Revan Ananda (Indonesia), lin Noor Chozin, Susanthy Djajalaksana, Aditya Sri Listyoko, Rahmad Rahmad, Yunita Eka Wati  |
| AP09-005         | 1127        | <b>Clonal hematopoiesis of indeterminate potential as a risk factor of future exacerbation in patients with COPD</b><br>Jung-Kyu Lee (Republic of Korea), Chang-Hoon Lee  |
| AP09-006         | 1165        | <b>COPD &amp; incidence of secondary pulmonary hypertension</b><br>Thanasekaran Pitchiah (India)  |
| AP09-007         | 1167        | <b>COPD and secondary pulmonary hypertension mortality linkage clinical study</b><br>Thanasekaran Pitchiah (India)  |
| AP09-008         | 1187        | <b>Feasibility assessment of a double-blind, crossover, random controlled trial protocol comparing two oxygen supplementations for patients with chronic obstructive pulmonary disease during pulmonary rehabilitation</b><br>Akira Umeda (Japan), Akihiro Ito, Akane Morito, Yukihiro Ogawa, Masahiro Ishizaka, Yuki Kawai, Yoshiaki Endo, Isato Fukushima, Kotaro Takeda, Taichi Mochizuki, Yasushi Inoue, Kazuyuki Chibana, Hideaki Yamasawa, Satoshi Fuke, Yasumasa Okada |
| AP09-009         | 1262        | <b>The TRITRIAL study: COPD Assessment Test (CAT) change sub-analysis according to COPD severity</b><br>Ulrica Scaffidi-Argentina (Italy), Luca Richeldi, Pietro Schino, Elena Bargagli, Alberto Ricci, Alberto Rocca, Francesca Marchesani, Alfio Pennisi, Lorenzo Ciambellotti, Maria D'Amato, Francesco Macagno, Eleonora Ingrassia, Alessio Piraino   |
| AP09-010         | 1278        | <b>Effect of antiplatelet agents on long-term clinical outcomes in patients with COPD: A propensity score-matched analysis of real-world data</b><br>Sooim Sin (Republic of Korea), Soo Jie Chung, Chang-Hoon Lee   |
| AP09-011         | 1289        | <b>Usability testing of a 3D-printed assistive device adaptor for a pressurized metered-dose inhaler</b><br>Lut Keung Sit (Hong Kong), Ngor Hui, Hoi Shan Lee, Tak Fai Po   |
| AP09-012         | 1337        | <b>Pulmonary function profile and PUMA questionnaire in rural area population</b><br>Bambang Adi Santoso (Indonesia), Triya Damayanti, Wiwien Heru Wiyono, Ratnawati Ratnawati, Ahmad Arfan, Budhi Antariksa, Prasenohadi Prasenohadi   |
| AP09-013         | 1341        | <b>Correlation between smoking behaviour and exhaled carbon monoxide level in a rural community</b><br>Rudita Citra Hapsari (Indonesia), Kevin Aristyo, Triya Damayanti, Jamal Zaini, Efriadi Ismail, Prasenohadi Prasenohadi   |
| AP09-014         | 1415        | <b>Treatment patterns and triple therapy utilization in Chinese patients with COPD: A real-world study using Yinzhou database</b><br>Yuanlin Song (China), Wenhao Li, Zhike Liu, Meng Zhang, Xinli Li, LokFai Cheang, Feng Sun, Siyan Zhan, Yan Chen, Dongni Hou  |
| AP09-015         | 1416        | <b>Real-world effectiveness of budesonide/glycopyrrolate/formoterol in Chinese patients with chronic obstructive pulmonary disease</b><br>Yongchang Sun (China), Yunfeng Chen, Xiuwei Zhang, Ruibin Guo, Luqian Zhou, Jiaxi Feng, Xiaomin Xiong, Weiguo Xu, Guoping Li, Jing Zhang  |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP09-016         | 1432        | <b>Relationship between the use of ICS-containing therapy and the duration between severe exacerbations in COPD patients in Malaysia: EXACOS-MY study</b><br>Syazatul Syakirin Sirol Aflah (Malaysia), Ahmad Izuanuddin Ismail, Chee Kuan Wong, Aisya Natasya Musa   |
| AP09-017         | 1433        | <b>Association between ICS treatment and blood eosinophil level with interval between severe exacerbation events among COPD patients in Malaysia: EXACOS-MY study</b><br>Aisya Natasya Musa (Malaysia), Ahmad Izuanuddin Ismail, Syazatul Syakirin Sirol Aflah, Chee Kuan Wong   |
| AP09-018         | 1441        | <b>Association between COPD severity and death due to respiratory causes among COPD patients in Malaysia: EXACOS-MY study</b><br>Chee Kuan Wong (Malaysia), Syazatul Syakirin Sirol Aflah, Aisya Natasya Musa, Ahmad Izuanuddin Ismail   |
| AP09-019         | 1454        | <b>Not your usual COPD</b><br>Charles Alain de Lara (Philippines), Percival Punzal   |
| AP09-020         | 1480        | <b>Blood eosinophil levels and other factors associated with moderate to severe COPD exacerbation in patients with COPD: A retrospective cohort study</b><br>Rachata Wongchan (Thailand), Chatkarin Tepwimonpetkun   |
| AP09-021         | 1523        | <b>Good disease recognition and management can reduce the acute exacerbations of chronic obstructive pulmonary disease</b><br>Ding-Yun Feng (China), Yun Chen, Xian Li, Min-Yi Guo, Ying-Hua Luo, Guhankezi Maimaiti, Yu-Qi Zhou, Li Li  |
| AP09-022         | 1534        | <b>Prevention of aerosol generating procedure (AGP) during inhaler education at out-patient COPD nurse clinic</b><br>Pik Kee Maggie Lit (Hong Kong), Kuen Han Lee, Fung Ting Mak, Pui Shan Chow, Yuen Hin Wong, Yiu Hei Chan, Wai Man Johnny Chan  |
| AP09-023         | 1547        | <b>Effectiveness of triple therapy to refractory COPD patients and patients' compliance: A multicenter study from Bangladesh</b><br>Md. Monir Hossain (Bangladesh), Asif Mujtaba Mahmud, Kazi Saifuddin Bennoor, Md. Sazzad Hosen Romel, Ashik Uz Zaman  |
| AP09-024         | 1550        | <b>Cardiac complications within twelve months of hospital admission with COPD: A retrospective review</b><br>Halette Goldman (Australia), Chin Goh, Ben Kwan   |
| AP09-025         | 1572        | <b>Treatment patterns for chronic obstructive pulmonary disease (COPD) in China under a tiered medical system: Results of a multicenter, cross-sectional study</b><br>Xingru Zhao (China), Yunxia An, Zhiwei Xu, Lijun Shen, Xiaoju Zhang  |
| AP09-026         | 1574        | <b>Investigation of serum alpha1-antitrypsin as a neutrophilic biomarker in bronchial asthma and COPD</b><br>Toshiya Inui (Japan), Yasuhiro Yamauchi, Tsunenori Hiraoka, Akihiro Tsukamoto, Masachika Fukui, Yu Kitamura, Chizuru Masuda, Daisuke Kawae, Yuka Sasaki, Komei Yanase, Junki Endo, Toshihiro Asai, Yasushi Ohno, Hiroyuki Okura |
| AP09-027         | 1584        | <b>Young COPD in atopic and smoker patients: A case study on the interplay of risk factors and outcomes</b><br>Deddy Herman (Indonesia), Katerine Junaidi, Rosi Maulini  |
| AP09-028         | 1595        | <b>Relationship between administering antibiotics according to the Gyssens flowchart in patients with COPD exacerbations and the incidence of patient readmission in Persahabatan Hospital</b><br>Eka Pujanta Putra Putu (Indonesia), Budhi Antariksa, Heidy Agustin, Budi Haryanto  |

## Poster Session (2A) - COPD

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP09-029         | 1605        | <b>Association between white blood cell differential count and lung function in patients with chronic obstructive pulmonary disease</b><br>Eun Chong Yoon (Republic of Korea), Hee-Young Yoon  |
| AP09-030         | 1626        | <b>Characterising and phenotyping patients prescribed long-term non-invasive ventilation for COPD</b><br>Rohan Broadhead (Australia), Sutapa Mukherjee, Ching Li Chai-Coetzer, Vinod Aiyappan, Anne Walker   |
| AP09-031         | 1657        | <b>Survival analysis of different clinical subgroups in chronic obstructive pulmonary disease</b><br>Yanan Zhang (China), Yuling Wang, Ruonan Lv, Shaofeng Sun, Ping Li  |
| AP09-032         | 8038        | <b>Validation of artificial intelligence with gold standard spirometry for diagnosis of various patterns of pulmonary disorders- A crosssectional study from a tertiary care centre in India</b><br>Aditya Ashok (India), Asmita Mehta, Akhilesh Kunoor, Nithya Haridas  |
| AP09-033         | 8040        | <b>Comparisons of quality life between sedentary and non-sedentary chronic obstructive pulmonary diseases</b><br>Yii-Jiun Shao (Taiwan), Yen-Huey Chen, Li-Rong Chen, Ching-Ching Tsao, Chung-Chi Huang  |
| AP09-034         | 8074        | <b>Management of COPD exacerbation and its cost in UMAC* of healthy lung Vietnam - *UMAC: Unit for management of asthma and COPD outpatients</b><br>Thi Tuyet Lan Le (Vietnam), Viet Nhung Nguyen, Quy Chau Ngo, Huy Tuan Kiet Pham, Thu Phuong Phan, Van Giap Vu, Van Tho Nguyen, Van Thanh Vu, Le Tri Phuong |
| AP09-035         | 8075        | <b>Association between frequent COPD exacerbators and baseline blood eosinophil levels: EXACOS-MY study subanalysis</b><br>Ahmad Izuanuddin Ismail (Malaysia), Aisya Natasya Musa, Wong Chee Kuan, Syazatul Syakirin Sirol Aflah   |
| AP09-036         | 8101        | <b>Preserved ratio impaired spirometry in non-smokers and smokers: Findings from the NHANES 2007-2012</b><br>Jieping Lei (China), Sinan Wu, Ke Huang, Ting Yang  |
| AP09-037         | 8103        | <b>Heavier disease burden of COPD in secondary hospitals: Findings from baseline data of quality improvement program</b><br>Rongchang Chen (China), Dandan Chen, Kai Yang, Fengyan Wang, Huina Hou, Wenzhong Zhu, Huibin Lin, Hongying Yang, Lingwei Wang  |

# Poster Exhibition on 9 Nov 2024 (Sat)

## Poster Session (2B) - Environmental and Occupational Health and Epidemiology

Date: 9 Nov 2024 (Sat)  
 Time: 11:30 - 13:00  
 Theme: Environmental and Occupational Health and Epidemiology  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Professor Alison Bauer (USA), Dr. Steven Tseng (Hong Kong)

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP10-001         | 1025   | <b>The vaccination rate of influenza vaccine in a respiratory clinic</b><br>An Emmanuel Le (Hong Kong), Sze Man Wong, Cee Zhung Steven Tseng, Kwok Sang Wilson Yee   |
| AP10-002         | 1161   | <b>Impact on the quality of life and rehabilitation needs of health workers who recovered from coronavirus disease: A single-center, questionnaire-based study</b><br>Claresse Ann Bautista (Philippines), Roselle Lei Balintec, Raket Javier, Giselle Gloria Pattaguan, Jose Carlo Valencia |
| AP10-003         |  1164  | <b>Association between polycyclic aromatic hydrocarbons exposure and current asthma: A population-based study</b><br>Zhou Jin (China), Guangfa Wang  |
| AP10-004         | 1254   | <b>Occupational asthma due to benzyl benzoate exposure</b><br>Wesley Teck Wee Loo (Singapore), Victoria Lien, Lucy Leong, Kenneth Choy, Keng Leong Tan   |
| AP10-005         | 1296   | <b>Lung function and circulatory inflammation markers in older male amateur marathon runners and their age-matched inactive controls</b><br>Siyu Dai (China), Dingbo Shu, Fanjing Meng, Le Wang, Lingxiao Ye, Jianping Ding  |
| AP10-006         | 1347   | <b>The effect of smoking on mortality among adult patients with inhalation injury in a tertiary referral center: An analytical retrospective cohort study</b><br>Jairus Cabajar (Philippines), Jubert Benedicto, Claudine Lukban   |
| AP10-007         | 1406   | <b>Acute respiratory symptoms after exposure to volcanic ash</b><br>Yogi Himawan (Indonesia), Russilawati Russilawati, Masrul Masrul Basyar, Afriani Afriani, Fenty Anggrainy, Dessy Mizarti, Sabrina Ermayanti  |
| AP10-008         | 1413   | <b>A method for estimating the number of COVID-19 cases in Japan using spatial-temporal analysis in post pandemic period</b><br>Yoshihiro Kawade (Japan), Hiroki Manabe, Dan Kambayashi, Toshie Manabe   |
| AP10-009         | 1428   | <b>Smoking among the academic community of universitas Andalas</b><br>Sabrina Ermayanti (Indonesia), Fenty Anggrainy, Yessy Susanty Sabri, Russilawati Russilawati, Kharisma Kharisma, Jadhilhaqqi Wanadri Propesma, Muhammad Raihan   |
| AP10-010         |  1434 | <b>Substances C induces NF-<math>\kappa</math>B &amp; MAPK-mediated apoptosis via enhancing ROS in mouse model</b><br>Sangryul Cha (Republic of Korea), Jooyeon Lee, Jimin Jang, Youngcheol Kim, Dahee Han, Se-Ran Yang  |
| AP10-011         | 1493   | <b>Impact of bricks kiln air pollution on workers' pulmonary function in beachfront aceh besar</b><br>Fadhul Huda Suardi (Indonesia), Teuku Muhammad Febriansyah, Budi Yanti, Sri Dianova  |

## Poster Session (2B) - Environmental and Occupational Health and Epidemiology

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP10-012         | 1506        | <b>The interplay of environmental tobacco smoke exposure and physical activity on sleep health in school-aged children</b><br><b>SiYu Dai (China)</b> , Fanjing Meng, Lingxiao Ye, Dingbo Shu, Feng Chen, Le Wang, Yong Chen, Jianping Ding |
| AP10-013         | 8001        | <b>Epidemiology and risk factors of primary spontaneous pneumothorax in South Korea</b><br><b>Seung Keun Yoon (Republic of Korea)</b> , Hee Kyung Kim, Jiyun Lee, Young-Du Kim, Deog Gon Cho  |
| AP10-014         | 8110        | <b>Economic burden of T2-high and T2-low severe asthma in Hong Kong - A territory-wide retrospective study</b><br><b>Wang Chun Kwok (Hong Kong)</b> , Chung Ki Tsui, Raymond Leung, James Chung Man Ho                                      |

## Poster Session (2B) - Respiratory Structure and Function

Date: 9 Nov 2024 (Sat)  
 Time: 11:30 - 13:00  
 Theme: Respiratory Structure and Function  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Yeuk-fai Hong (Hong Kong), Professor Susumu Sato (Japan)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP11-001         | 1152        | <b>Visualization and quantification of respiratory-induced thoracic movement dynamics in the supine, prone, and right and left Sims' positions using MRI</b><br><b>Masaaki Kobayashi (Japan)</b> , Hideyuki Fukubayashi, Katsuma Iwai, Akinori Miki, Akio Yamamoto, Takashi Ueguchi, Akira Ishikawa |
| AP11-002         | 1246        | <b>Efficacy and safety of long-term macrolide therapy for non-cystic fibrosis bronchiectasis (NCFB): A systematic review and meta-analysis</b><br><b>Natsuki Nakagawa (Japan)</b> , Masashi Ito, Takanori Asakura   |
| AP11-003         | 1249        | <b>Comparison of respiratory muscle activities during varies device of breathing exercises in healthy adults: Preliminary</b><br><b>Sasipa Buranapuntalug (Thailand)</b> , Kanyapit Chummee, Chutima Yaanan, Anurak Banlueharn, Kornanong Yuenyongchaiwat, Preeyaphorn Songsorn                     |
| AP11-004         | 1295        | <b>Proportion of lung function disorders and respiratory symptoms in the community of East Jakarta</b><br><b>Dea Putri Audina (Indonesia)</b> , Triya Damayanti, Efriadi Ismail, Tina Reisa, Wiwien Heru Wiyono, Ratnawati Ratnawati, Agus Dwi Susanto, Prasenohadi                                 |
| AP11-005         | 1358        | <b>Utilizing pulmonary function testing for comprehensive management in severe chronic obstructive pulmonary disease: A detailed case study</b><br><b>Tai Tran-Quoc (Vietnam)</b> , Lan Le Thi Tuyet  |
| AP11-006         | 1383        | <b>Sporadic lymphangioliomyomatosis in a premenopausal Asian woman presenting as recurrent pneumothorax</b><br><b>Michael Gino Ordon (Philippines)</b> , Joel Santiagu, Pauline Marie Dy, Errick Martin Yturalde  |
| AP11-007         | 1391        | <b>Lung endometriosis in a 51-year-old female presenting as recurrent catamenial pneumothorax</b><br><b>Almera Manan (Philippines)</b> , Manuel Peter Paul II Jorge, Ralph Elvi Villalobos  |
| AP11-008         | 1451        | <b>Pulmonary sequestration in a 31 year old female: A case ceport</b><br><b>Katerina Maria Theresa Almodovar (Philippines)</b>  |

## Poster Session (2B) - Respiratory Structure and Function

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP11-009         | 1489        | <b>Respiratory function of street sweepers and air quality in Banda Aceh, Indonesia</b><br>Rahmi Hayati (Indonesia), Henny Rahmawati, Sri Dianova, Ferry Dwi Kurniawan   |
| AP11-010         | 1622        | <b>A retrospective cohort on pulmonary function at 3, 6 and 12 months after COVID-19</b><br>Nicole Mendoza (Philippines), Kriselle Felicia Lumunsad, Lauren Beatrice See, Esther Fredelyn Tomas                            |
| AP11-011         | 1651        | <b>Sniff nasal inspiratory pressure association with respiratory function and hypercarbia in patients with respiratory muscle weakness</b><br>Geak Poh Tan (Singapore), Yusmarita Bte Mohd Yusoff, Li Choo Tan, Danqing Qi |
| AP11-012         | 1654        | <b>Unilateral pulmonary hypoplasia presenting as respiratory failure in a 47 year old man with pulmonary tuberculosis</b><br>Ramon Earl Labrada (Philippines), Marlo Bagano, Andrea Marie Tortugo                          |

## Poster Session (2B) - Pulmonary Circulation

Date: 9 Nov 2024 (Sat)  
Time: 11:30 - 13:00  
Theme: Pulmonary Circulation  
Venue: Convention and Theatre Foyer, Level 1  
Moderators: Dr. Macy Lui (Hong Kong), Dr. Tetsutaro Nagaoka (Japan)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP12-001         | 1048        | <b>New diagnostic approach to diffuse pulmonary lymphangiomyomatosis (DPL): The advent of magnetic resonance (MR) lymphangiogram and genetic testing</b><br>Joon Yong Moon (United States of America), Eva Carmona Porquera   |
| AP12-002         | 1300        | <b>Reversible hypoxaemia in multiple pulmonary arteriovenous malformations (PAVMs)</b><br>Chin Tong Kwok (Hong Kong), Thomas Mok, Hoi Yee Kwan  |
| AP12-003         | 1301        | <b>Efficacy of pulmonary vasodilators for the prevention of acute exacerbations on interstitial pneumonia with pulmonary hypertension</b><br>Yuichi Nagata (Japan), Tetsutaro Nagaoka, Yuriko Terayama, Yoshifumi Suzuki, Takashi Yoshida, Takeo Tsutsumi, Sachiko Kuriyama, Kazuhisa Takahashi                                 |
| AP12-004         | 1317        | <b>"Master of deception": Pulmonary embolism with normal d-dimer in a 75-year old female</b><br>Curt Trevor Saunar (Philippines), John Noel Chan  |
| AP12-005         | 1338        | <b>Bilateral pulmonary embolism with lung infarction presenting as non-resolving pneumonia in an immunocompetent patient - A case report</b><br>Dean Kyle Ang (Philippines), Marian Francisco   |
| AP12-006         | 1377        | <b>Mycotic aneurysms and chronic thromboembolism in a 27-year-old female with patent ductus arteriosus with infective endocarditis: A case report</b><br>Lea Dianne Ayuyao (Philippines), Maria Paz Mateo   |
| AP12-007         | 1430        | <b>The association of multimorbidity and preexisting pulmonary disease with mortality among patients with CTPA-diagnosed pulmonary embolism at the UP-Philippine General Hospital</b><br>Aila Marnelle Cruz (Philippines), Cary Amiel Villanueva, Gene Philip Louie Ambrocio, Kim Ivan Mendoza, Paula Marie Sydiongco-Inocencio |



## Poster Session (2B) - Pulmonary Circulation

|          |      |  |
|----------|------|--|
| AP12-008 | 1458 | <b>An association between pulmonary embolism severity and some clinical parameters</b><br><b>Javzan-Orlom Dorjjugder (Mongolia)</b> , Munkh-Erdene Dashzeveg, Zolzaya Batbold, Erkhembayar Mijiddorj, Enkhamgalan Tserendorj, Tumur-Ochir Tsedev-Ochir, Chuluunbileg Batbold, Otgonzaya Dugersuren |
| AP12-009 | 1644 | <b>Breath beyond liver: A multifaceted approach to dyspnea in chronic liver cirrhosis</b><br><b>Yen Shen Wong (Malaysia)</b> , Azyan Syamimi Khalid, Fatimah Azmah Mohammad, Aisya Natasya Musa  |
| AP12-010 | 8029 | <b>A nomogram model based on clinical and 3D-EIT parameters for CTEPH diagnosis</b><br><b>Jian Xu (China)</b> , Yuhan Wang, Lu Wang, Yuanlin Song, Xu Wu   |

## Poster Session (2C) - Clinical Respiratory Medicine

Date: 9 Nov 2024 (Sat)  
 Time: 14:15 – 15:45  
 Theme: Clinical Respiratory Medicine  
 Venue: Convention and Theatre Foyerl, Level 1  
 Moderators: Dr. Pik-shan Cheung (Hong Kong), Dr. Stephanie Chu (Hong Kong), Dr. Adrián Rendón (Mexico),  
 Dr. Sui-na Tsui (Hong Kong), Dr. Julie Wang (Hong Kong), Dr. Ida Wong (Hong Kong),  
 Dr. Betty Young (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP13-002         | 1052        | <b>Post pericardiotomy syndrome following cardiac ablation procedure - A rare entity</b><br><b>Sugeesha Wickramasinghe (Sri Lanka)</b> , Himanshu Singh   |
| AP13-003         | 1053        | <b>Longitudinal change of quality of life in copd patients; A prospective observational study in korea</b><br><b>Ho Cheol Kim (Republic of Korea)</b> , I Re Heo, Tae Hoon Kim  |
| AP13-004         | 1069        | <b>Misdiagnosis of lymphoma as vasculitis: A case report</b><br><b>Na Li (China)</b> , Shushan Wei, Haobin Hu, Haoyue Helena Lan, Qingling Zhang  |
| AP13-005         | 1074        | <b>Clinical characteristics of <i>Pneumocystis jirovecii</i> pneumonia in hemodialysis patients</b><br><b>Soo Jie Chung (Republic of Korea)</b> , Junghyun Kim, Na Young Kim, So Jeong Kim, Yohwan Yeo, Taehee Kim, Ji-Young Park, Chang Youl Lee, Soom Sin   |
| AP13-006         | 1075        | <b>Prevalence of methicillin-resistant <i>Staphylococcus aureus</i> pneumonia in a tertiary hospital of Vietnam with emphasis on overprescription and inconsistent use of empiric therapy: A prospective surveillance</b><br><b>Van Duong -Thi -Thanh (Vietnam)</b> , Binh Truong-Quang, Vu Le-Thuong, Ngoc-Niem Bui, Mai Le - Phuong, Phu Truong-Thien, Dung Lam-Quoc, Thong Dang-Vu |
| AP13-007         | 1096        | <b>Clinical utility of incidentally collected tissue debris during percutaneous drainage in patients with pleural effusion: A retrospective pilot study</b><br><b>Seung Hyeun Lee (Republic of Korea)</b> , Jiwon Kim, Tae Woo Kim  |
| AP13-008         | 1123        | <b>Thymic cyst rupture: A rare cause of spontaneous hemothorax and respiratory failure in an elderly patient</b><br><b>Albert Kok Long Teng (Singapore)</b> , Jessica Han Ying Tan, Wei Chee Lee  |
| AP13-009         | 1170        | <b>The impact of Covid19 on the implementation of YEARS protocol in pulmonary embolism diagnosis</b><br><b>Tow Keang Lim (Singapore)</b> , Siok Mei Ng, Shuting Li  |



| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP13-010         | 1174        | <b>Idiopathic non-specific pleuritis (NSP): Are we any wiser?</b><br>Justin Jin Hao Jang (Singapore), Jeffrey Shuen Kai Ng  |
| AP13-011         | 1185        | <b>A three-year program of early and intensive physiotherapy intervention for patients who required non-invasive ventilation in Prince of Wales Hospital</b><br>Tsz Ching Ip (Hong Kong), Pui Wai Tao, Long Yan Mak, Yin Chung Tsui, Hon Kit Siu  |
| AP13-012         | 1193        | <b>Laboratory assessment of four oscillating positive expiratory pressure (OPEP) devices: How do the differing mechanisms of action impact performance</b><br>Jason Suggett (Canada)  |
| AP13-013         | 1195        | <b>Small vessel vasculitis presenting as lung collapse - A rare presentation</b><br>Sugeesha Wickramasinghe (Sri Lanka), Syed Ahmad, Himanshu Singh, Adam Morris  |
| AP13-014         | 1206        | <b>Perioperative respiratory complications requiring pressure support therapy for patients undergoing bariatric surgery - A retrospective analyses over 5 years</b><br>Yu Feng Shi (Australia), Shakti Dabholkar, Sabrina Naz, Annette MacDonald, Xi May Zhen, Michael Edye, Jemma Brooke Keat, Wai See Ma, Golo Ahlenstiel, Mohan Nagarajah                                      |
| AP13-015         | 1214        | <b>A local case of primary ciliary dyskinesia presented in adulthood in Hong Kong</b><br>Ho Ying Lau (Hong Kong)  |
| AP13-016         | 1218        | <b>Mysterious nodules and cysts - A diagnostic dilemma</b><br>Sugeesha Wickramasinghe (Sri Lanka), Mohammed Bittar, John Howells, Lipsita Patnaik, Danielle Bury, Mohammed Munavvar   |
| AP13-017         | 1228        | <b>The use of cancer ratio to differentiate malignant pleural effusion from other pleural effusions: A retrospective study</b><br>Yin Ling Lee (Hong Kong), Pik Shan Cheung, Wei Yin Wong   |
| AP13-018         | 1230        | <b>Diffuse pan bronchiolitis: A case report of a patient with comorbidities</b><br>Clarissa Moira Pradono (Indonesia), Chaifung Caroline, Agatha Christiani, Allen Widysanto, Titis Dewi Wahyuni, Sylvia Sagita Siahaan, Sunanto Ng, Mira Yuniarti  |
| AP13-019         | 1231        | <b>Refractory chylothorax in a patient with severe mitral regurgitation</b><br>Sheena Jing Yi Ng (Singapore), Qiao Li Tan, Ken Jun Yang Goh, Si Ling Young, Brian Lee Wei Chua, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Carrie Kah-Lai Leong   |
| AP13-020         | 1265        | <b>Successful multi-modal therapy for persistent air leak in idiopathic pulmonary fibrosis</b><br>Wesley Teck Wee Loo (Singapore), Shweh fern Loo, Carrie Kah-Lai Leong   |
| AP13-021         | 1274        | <b>Normal and abnormal lung sound classification of actual ICU data using deep learning</b><br>Mi Ra Lee (Republic of Korea), Taeyoung Ha, YunKyong Hyon, Sunju Lee, Chaeuk Chung, Song-I Lee, Yoonjoo Kim, Seong-Dae Woo   |
| AP13-022         | 1302        | <b>Safety, tolerability and pharmacokinetics of HS-10383 in healthy subjects: A randomized, double-blinded, placebo-controlled and multiple dose-ascending phase I trial</b><br>Wei Zhao (China), Qian Li, Ke-Guang Chen, Ye-Hui Zhang, Hai-Yan Zhou, Pan-Pan Ye, Lin-Lin Song, Fu-Rong Zhao, Jin-Yi Shi, Qiong Wu, Jing Zhang, Wen Jia, Kai-Meng Kong, Yu-Ying Tao, Xin-Mei Yang |

## Poster Session (2C) - Clinical Respiratory Medicine

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP13-023         | 1321        | <b>Exploring mortality predictors and clinical patterns in pulmonary embolism: A retrospective cohort study</b><br>Lawrence Cai (Australia), Dong Seok Yi, Vincent Jiu Jong Ngian, Kelvin Hsu, Fiona Tran, Anthony Frankel, Bin Soo Ong   |
| AP13-024         | 1324        | <b>Different insulin resistance indexes are correlated with the risk of obstructive sleep apnea among U.S. adults: NHANES 2015-2018</b><br>Yang Wang (China), Yina Wang   |
| AP13-025         | 1343        | <b>A case of endobronchial polypoid lesion with double pathology</b><br>Ho Sum Cally Wong (Hong Kong), Tin Chiu Wong, Ka Yin Chan, Wing Chai Raymond Chan   |
| AP13-027         | 1376        | <b>Clinical spectrum of haemoptysis: A retrospective analysis in a tertiary care institute in South India</b><br>Abirami Dharmalingam (India), Aravind Ram Manohar, Irfan Ismail Ayub, Dhanasekar T   |
| AP13-028         | 1381        | <b>Diagnostic utility of flexible laryngoscopy with odour provocation for inducible laryngeal obstruction</b><br>Melanie Wong (Australia), Logan Gardner, Eve Denton, Stephanie Stojanovic, Asger Sverrild, Mark Hew, Joy Lee   |
| AP13-029         | 1384        | <b>Incidental finding of meningothelial-like pulmonary nodule in a patient with primary spontaneous pneumothorax</b><br>Fritzie Louise Dela Cruz (Philippines), Windfield Tan   |
| AP13-030         | 1396        | <b>Clinical events of Parkinson's disease patients hospitalized with aspiration pneumonia</b><br>Nam Eun Kim (Republic of Korea), Yune-young Shin, Chai Young Lee, Ga young Lee, Myeong-geun Choi, Sojung Park, Jin Hwa Lee, Jin Hwa Lee, Yon Ju Ryu  |
| AP13-031         | 1398        | <b>Central airway obstruction as initial presentation of metastasis from breast cancer</b><br>Maria Monica Tolentino (Philippines), Vincent De Castro, Ralph Villalobos   |
| AP13-032         | 1401        | <b>A case of pericardial effusion masking a sarcomatous mediastinal mass</b><br>Maria Monica Tolentino (Philippines), Ronald Fajardo, Mikael Matunog, Christian Cuasmas   |
| AP13-033         | 1412        | <b>EBV-associated smooth muscle tumor presenting as an endotracheal mass in a HIV positive patient</b><br>Denise Barretto (Philippines), Maria Monica Tolentino, Cristalle Geraldine Dy   |
| AP13-034         | 1422        | <b>Bleeding risk with antiplatelet use during thoracentesis: Systematic review with confounder matrix</b><br>Cary Amiel Villanueva (Philippines), Aila Marnelle Cruz, Gene Philip Louie Ambrocio  |
| AP13-060         | 8045        | <b>Concurrent myopericarditis and acute lung injury related to e-cigarette use: A rare case report</b><br>Hanh-Duyen Bui-Thi (Vietnam), Quoc-Khanh Tran-Le, Kien Le-Trung, Anh Huynh-My, Tuyet-Lan Le-Thi, Khoi Le-Minh, Ngoc-Thao Pham-Thi   |
| AP13-036         | 1456        | <b>An unusual case of urinothorax from colorectal metastases and systematic review of literature</b><br>Natalie Min Yi Aw (Singapore), Sheena Jing Yi Ng, Qiao Li Tan, Ken Jun Yang Goh, Si Ling Young, Brian Lee Wei Chua, Jing Yi Jane Wong, Chiew Sian Ivana Gilcrist Phua, Wen Ting Lim, Carrie Kah-Lai Leong |
| AP13-037         | 1545        | <b>Platypnea-orthodeoxia syndrome due to atrial septal defect with congenital variation in the position of the atrial septum and combined thoracic deformities in a young man</b><br>Lixing Hu (China), Xiaoming Zhou, Xincao Tao, Changming Xiong, Haibo Hu  |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP13-038         | 1576        | <b>Iotrogenic urino-pneumothorax complicated with empyema - Agony of a medullary sponge kidney</b><br>Sugeesha Wickramasinghe (Sri Lanka), Sanjeewa Hettiarachchi, Anupriya Aggrawal, Laurence Shillito, Syed Mehdi, Fayed Maged, Sharada Gudur, Mohommed Munavvar   |
| AP13-039         | 1581        | <b>The value of lung ultrasound in diagnosing community-acquired pneumonia in tuberculosis endemic region</b><br>Quoc-Khanh Tran-Le (Vietnam), Nam Vu-Hoai, Vu Le-Thuong, Anh Le-Vinh, Hoang Ngo-The, Ngoc Duong-Minh, Lam Nguyen-Ho, Khoa Nguyen-Dang, Nguyen Tran-Ngoc   |
| AP13-040         | 1586        | <b>Use of octreotide in chylothorax with mediastinal mass of unknown behavior: A case report</b><br>Arnold Joseph Geronimo (Philippines), Manuel Monis   |
| AP13-041         | 1593        | <b>Diaphragmatic fenestrations linking to catamenial pneumothorax: A case report</b><br>Justine Maisie Ginete, MD (Philippines), Hilario Tamondong, Jr., MD  |
| AP13-042         | 1603        | <b>A pilot study on the determination of bronchoalveolar lavage fluid chyle and triglyceride levels</b><br>King-Pui Florence Chan (Hong Kong), Jackson Ka-Chun Leung, Macy Mei-Sze Lui, Shung-Kay Samuel Chan, Yim-Wah Lynn Shong, Wai-Mui Wong, David Chi-Leung Lam, James Chung-Man Ho   |
| AP13-043         | 1633        | <b>Unilateral pulmonary agenesis in a 26 year old female: A case report</b><br>Mark Steven Pempengco (Philippines), Hans Jeremy Ramos  |
| AP13-044         | 1650        | <b>Clinical characteristics, bronchoscopic findings, imaging and pathological features of bronchial anthracofibrosis: Thirty cases report and review of the literature</b><br>Rui Zhang (China), Jia Hou, Juan Chen, Xuexia Tong, Hai Tan  |
| AP13-046         | 1660        | <b>Current status of venous thromboembolism prophylaxis in hospitalized COVID-19 patients and association with outcomes: A multicenter prospective study</b><br>Feiya Xu (China), Dingyi Wang, Guohui Fan, Zhenguo Zhai  |
| AP13-047         | 1662        | <b>Dysfunctional breathing as part of long covid syndrome: A CPET study</b><br>Ruwanthi Jayasekara (Sri Lanka), Uthpala Muhandiram, Chathuranga Jayalath, Amitha Fernando  |
| AP13-048         | 1663        | <b>Longitudinal study on quality of life of patients and caregivers receiving home mechanical ventilation (HMV) and respiratory support</b><br>Geak Poh Tan (Singapore), Pann Pei Chieh, Michelle Jessica Pereira, Joey Wei Yee Ha, Joseph Antonio De Castro Molina, Lydia Hse Yin Soon, Tao Sun, Adrian Kok Heng Tan, Ai Ching Kor, Yeow Chan |
| AP13-049         | 1709        | <b>Diffuse alveolar hemorrhage and acute respiratory distress syndrome following illicit silicone injection in a 29-year old Filipino: A case report</b><br>Richel Vida Villarubia-Abella (Philippines), Ma. Bernardita Sarcauga   |
| AP13-050         | 8011        | <b>A drowning butterfly: Unilateral pleuritis in a 50-year old male with systemic lupus erythematosus</b><br>Edmart Pastrana (Philippines)   |
| AP13-051         | 8020        | <b>Exploring pharmacists' perspectives on professional roles and support needs in vaping-related health services: A qualitative study</b><br>David Le (Australia), Smita Shah, Maya Saba, Habib Bhurawala, Muhammad Aziz Rahman, Bandana Saini   |
| AP13-052         | 8043        | <b>A case of fibrosing mediastinitis presenting as superior vena cava syndrome</b><br>Qiuyu Li (China), Ying Liang   |

## Poster Session (2C) - Clinical Respiratory Medicine

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP13-053         | 8061        | <b>Development and validation of tools for predicting the risk of death of severe pneumonia patients</b><br>Yingqi Lyu (China), Yanan Li, Yanxin Chen, Jieming Qu  |
| AP13-054         | 8077        | <b>Revisiting bronchiectasis management: The impact of n-acetylcysteine on airway remodeling and inflammation-a retrospective cohort study</b><br>Wang Yuhao (China), Song Yuanlin   |
| AP13-055         | 8078        | <b>Epidemiology and risk factor of adult hospital-acquired pneumonia in China: A multi-centre retrospective study</b><br>Yanxin Chen (China), Yanping Xu, Yinggang Zhu, Yingqi Lyu, Jieming Qu   |
| AP13-056         | 8079        | <b>Predicting short-term outcomes of primary spontaneous pneumothorax using chest radiographs</b><br>Yumoi Obata (Japan), Kazunori Tobino, Mizuki Muranaka   |
| AP13-057         | 8080        | <b>The efficacy and safety of medical glue assisted argon plasma coagulation via rigid medical thoracoscope for the treatment of primary spontaneous pneumothorax</b><br>Hua Zhang (China), Zhongmei Sun, Wei Zhang, Weiwei Xu, Changsheng Ge, Zongtao Liu |
| AP13-058         | 8088        | <b>Hypoxic arrest secondary to occluded tracheostomy tube in an obese patient</b><br>Julius Clarence Aquino, MD (Philippines), Mark Steven Pempengco, MD, Hilario Tamondong, Jr., MD, FPCP, FPCCP  |
| AP13-059         | 8112        | <b>Enhancing accuracy of chest X-ray diagnosis for respiratory diseases with transfer learning</b><br>Hoang-Anh Ngo (Vietnam), Tuan Khoi Nguyen, Clemence Mottez, Xiaochen Hou, Ivy Liang, Qichi Liang, Thu-Anh Nguyen                                     |
| AP13-001         | 1038        | <b>Impact of hyponatraemia at time of exacerbation on the outcome in patients with bronchiectasis</b><br>Wang Chun Kwok (Hong Kong), Desmond Yat Hin Yap, Terence Chi Chun Tam, David Chi Leung Lam, Mary Sau Man Ip, James Chung Man Ho                   |

## Poster Session (2C) - Respiratory Neurobiology and Sleep

Date: 9 Nov 2024 (Sat)  
 Time: 14:15 – 15:45  
 Theme: Respiratory Neurobiology and Sleep  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Pui-hing Chiu (Hong Kong), Dr. Ahmad Izuanuddin Ismail (Malaysia), Dr. Chuen-peng Lee (Singapore), Dr. Kin-wang To (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP14-001         | 1026        | <b>The use of epworth sleepiness scale (ESS) in patients with moderate depression and referred for sleep study</b><br>An Emmanuel Le (Hong Kong), Sze Man Wong, Cee Zhung Steven Tseng, Kam Cheung Wong, Kwok Sang Wilson Yee |
| AP14-002         | 1106        | <b>Knowledge, attitude and practice towards snoring and OSAHS among Chinese population: A cross-sectional study</b><br>Yina Wang (China), Yayong Li, Xiao Xiao, Yuanguo Chen, Jing Su   |
| AP14-003         | 1110        | <b>Long covid and its impact on sleep</b><br>Sarang Patil (India)   |

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP14-004         | 1139        | <b>Symbiotic effect of HNS therapy and mandibular advancement device in select cases of obstructive sleep apnea syndrome</b><br>Vichaya Arunthari (United States of America), Joseph Cheung, David Abia-Trujillo, Jose Soto-Soto, Brendon Colaco   |
| AP14-005         | 1140        | <b>HNS therapy helps patients with OSA and GI motility issues</b><br>Brendon Colaco (United States of America), Joseph Cheung, David Abia-Trujillo, Jose Soto-Soto, Vichaya Arunthari  |
| AP14-006         | 1241        | <b>Complex hypercapnic respiratory failure: Won't ventilate, can't ventilate, please ventilate</b><br>Xin Yue Guo (Australia), Lewis Holmes, Leon Laks, Tajalli Saghaie, Benjamin Gerhardy, Lucy Morgan  |
| AP14-007         | 1245        | <b>The problems of sleep disorders in patients with ALS and caregivers</b><br>Qiao-Lu Huang (China), Ning-Hung Chen, Tian-Lin Li, Xin-Ying Huang, A-Li Su  |
| AP14-008         | 1305        | <b>Improvement in obstructive sleep apnea (OSA) diagnosis and waiting time management</b><br>Pik Kee Maggie Lit (Hong Kong), Kuen Han Lee, Chun Kong Ng, Wing Hing O, Pui Shan Chow, Yuen Hin Wong, Fung Ting Mak, Yiu Hei Chan, Wai Man Johnny Chan   |
| AP14-009         | 1330        | <b>Telemedicine in the diagnosis of obstructive sleep apnea (OSA) in Malaysia</b><br>Mei Ching Yong (Malaysia), Nga Hung Ngu, Schee Li Kwa, Shan Kai Ing, Norsyuhada Zaharudin, Keng Tat Koh, Diana Hui Ping Foo, Chan Sin Chai, Sze Shyang Kho, Swee Kim Chan, Siew Teck Tie  |
| AP14-010         | 1589        | <b>The prevalence of obstructive sleep apnea among patients with mild or subjective cognitive impairment in a memory clinic in Hong Kong</b><br>Yat Fung Shea (Hong Kong), King Pui Florence Chan, Yim Wah Lynn Shong, Yuen Kwan Agnes Lai, Kwan Yuk Jacqueline Yuen, Kui Kai Gary Lau, Henry Ka Fung Mak, Ka Chun Patrick Chiu, Sau Man Mary Ip |
| AP14-011         | 1628        | <b>Outcomes of a high-volume sleep diagnostic service</b><br>Kah Lin Choo (Hong Kong), Wing Chi Chan, Kin Wang To, Matthew Fu, Chi Leung Fung, Wing Sheung Chan, Wai Yiu Walter Wong, Chi Wan Chen, Yin Ching Annie Cheng, Suk Ping Tse, Suk Ping Chui, Yuk Kuen Sherry Ng, Cheuk Pun Eddie Yuen, Ngai Chuen Sin, Kin Lai Chung                  |
| AP14-012         | 1635        | <b>More happiness and less depression in obstructive sleep apnea CPAP users compared to non-CPAP users</b><br>Agnes Yuen Kwan Lai (Hong Kong), Macy Mei Sze Lui, Po Yee Chu, Maggie Pik Ki Lit, Asa Ching Man Choi, Johnny Wai Man Chan, Mary Sau Man Ip   |
| AP14-013         | 1653        | <b>The effect of hospitalization on the sleep quality of adult hospitalized surgical ward patients in a tertiary government hospital: A cohort study</b><br>Albert Mitchell Yap (Philippines), Jubert Benedicto, Manuel Peter Paul II Jorge  |
| AP14-014         | 1680        | <b>Factors affecting compliance to CPAP therapy in South Indian patients with obstructive sleep apnea</b><br>Abirami Dharmalingam (India), Aravind Ram Manohar, Abdul Majeed Arshad, Irfan Ismail Ayub, Dhanasekar T, Durgadevi Kumar, Nasiha Fathima Noushad, Yogeshwaran Baskaran  |
| AP14-015         | 8008        | <b>Diagnostic accuracy of the belun ring in children at risk of obstructive sleep apnea</b><br>Nuttida Panichapat (Thailand), Watit Niyomkarn, Wicharn Boonjindasup  |
| AP14-016         | 8066        | <b>Obstructive sleep apnea promotes the occurrence of neurodegenerative diseases by suppressing Sirt6/ATGL</b><br>Tian Wang (China), Jing Feng   |

# Poster Exhibition on 10 Nov 2024 (Sun)

## Poster Session (3A) - Respiratory Infections (non-tuberculous)

Date: 10 Nov 2024 (Sun)  
 Time: 09:30 – 11:00  
 Theme: Respiratory Infections (non-tuberculous)  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Ken Chan (Hong Kong), Dr. Pui-hing Chiu (Hong Kong), Dr. Frankie Choy (Hong Kong), Dr. Hon-cheung Fan (Hong Kong), Dr. Man-po Lee (Hong Kong), Dr. Wing-hing O (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author  |
|------------------|-------------|--|
| AP15-001         | 1018        | <b>Evaluation of awareness about influenza vaccination among chronic liver disease patients</b><br>Debajyoti Bhattacharyya (India)   |
| AP15-002         | 1019        | <b>Functional characteristics of patients with SARS-CoV-2 pneumonia at three months post-infection</b><br>Boon Hau Ng (Malaysia), Hsueh Jing Low, Nik Nuratiqah Nik Abeed, Mohd Imree Azmi, Chun Ian Soo, Rose Azzlinda Osman, Andrea Yu-Lin Ban   |
| AP15-003         | 1039        | <b>End-stage kidney disease as the independent risk factors for severe respiratory syncytial virus infection among elderly population</b><br>Wang Chun Kwok (Hong Kong), Kai Wang Kelvin To, Chung Man James Ho, Yat Hin Desmond Yap   |
| AP15-004         | 1073        | <b>Clinical background of patients with respiratory viruses, excluding SARS-CoV-2, detected on emergency hospitalization or emergency visit during the COVID-19 pandemic in Japan</b><br>Kentaro Akata (Japan), Kei Yamasaki, Saki Shigemi, Midori Funada, Konomi Sennari, Katsunori Suzuki, Kazuhiro Yatera |
| AP15-005         | 1126        | <b>Medical imaging-based artificial intelligence in pneumonia: A review</b><br>Yanping Yang (China), Wenyu Xing, Yiwen Liu, Dean Ta, Dongni Hou, Yuanlin Song  |
| AP15-006         | 1143        | <b>Real-world application of amikacin liposome inhalation in managing complex mycobacterium avium pulmonary conditions</b><br>Toyoshi Yanagihara (Japan), Asami Mori, Hiroaki Ogata, Masako Kadowaki, Yuki Moriuchi, Akiko Ishimatsu, Junji Otsuka, Kazuhito Taguchi, Atsushi Moriwaki, Makoto Yoshida       |
| AP15-007         | 1176        | <b>The role of monocyte distribution width (MDW) in the prognosis and monitoring of community acquired pneumonia high risk patients in Chinese general hospital and medical center: A retrospective cohort study</b><br>Jessica Mae Jarabe (Philippines), Tommy Yau  |
| AP15-008         | 1182        | <b>Legendary foes of Mankind - Ongoing challenge</b><br>Sugeesha Wickramasinghe (Sri Lanka), Irshad Fahd, Thomas Gorsuch   |
| AP15-009         | 1188        | <b>CMV pneumonia in immunosuppressed patient with renal transplant and pancreatic pseudocyst</b><br>Sugeesha Wickramasinghe (Sri Lanka), Sharada Gudur   |
| AP15-010         | 1191        | <b>Paragonimiasis: A mimicker of tuberculosis</b><br>Zi Yi Christopher Thong (Singapore), Chun Ang Norris Ling   |
| AP15-011         | 1200        | <b>Comparative HRCT analysis of COVID-19 patients: Impact of vaccination status among RT-PCR positive cases in DNCC Dedicated Hospital</b><br>Sadia Sultana Resma (Bangladesh), Md. Tanzilur Rahman, Md. Ibrahim, Iftadul Islam, Nishat Un Nahar, A K M Johiurl Hossain Khan                                 |



Poster Session (3A) - Respiratory Infections (non-tuberculous)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP15-012         | 1215        | <b>Disseminated rhodococcus in immunocompetent host unveils underlying lymphoma</b><br>Nik Nuratiqah Nik Abeed (Malaysia), Boon Hau Ng, Mohamad Faisal Abdul Hamid, Andrea Ban  |
| AP15-013         | 1219        | <b>A challenging case of pneumocystis pneumonia in a patient with myelofibrosis - Great masquerade</b><br>Sugeesha Wickramasinghe (Sri Lanka), Sanjeewa Hettiarachchi, Mohommed Munavvar  |
| AP15-014         | 1283        | <b>Organizing pneumonia in a non-HIV elderly female empirically treated for pneumocystis pneumonia - A case report</b><br>Hyacinth Elaine Zamora (Philippines), Clarise Vaje, Rea Burgos, Camilo Roa, Rogelio Tangco, Jennifer San Luis   |
| AP15-015         | 1308        | <b>Unmasking the etiology of dyspnea in a person living with HIV with suspected Interstitial lung disease</b><br>Jessica Mae Jarabe (Philippines), John Noel Chan, Anne Louise Gabriel Chan   |
| AP15-016         | 1327        | <b>Analysis of fungal culture findings based on bronchial washing in lung cancer patients with influencing factors in the Jasmin ward of the Arifin Achmad Hospital for the period from August 2023 to January 2024</b><br>Reza Rahmadinata (Indonesia), Zarfiardy Aksa Fauzi, Rohani Lasmaria Simbolon, Sri Melati |
| AP15-017         | 1331        | <b>Legionnaires' disease in an immunocompromised patient presenting with diarrhea: A case report</b><br>Janine Reyes (Philippines), Jose Sarenas  |
| AP15-018         | 1332        | <b>A rare case of non-typhoidal salmonella empyema</b><br>Hiu Ching Christy Chan (Hong Kong), Yiu Cheong Yeung, Yu Hong Chan, Man Ying Ho, Ming Chiu Chan, Chin Tong Kwok, Chun Hoi Chen, Cheuk Cheung Leung, Ching Man Ngai  |
| AP15-019         | 1335        | <b>A comparison of lung abscess patients in apical lung region or not: A retrospective study of 439 cases</b><br>Haiwen Lu (China), Ping Wei, Ling Wang, Yifan Wu, Jinfu Xu   |
| AP15-020         | 1349        | <b>Clinical course and prognosis of patients with COVID-19 pneumonia requiring admission care</b><br>Junghyun Kim (Republic of Korea), Joohae Kim, Hyun Woo Lee, Deog Kyeom Kim   |
| AP15-021         | 1387        | <b>Silent pulmonary cryptococcosis presenting as subpleural abscess in an immunocompromised patient with disseminated infection - A Case Report</b><br>Aura Kay Gonzales (Philippines), Marian Dimabuyu-Francisco, Mary Shiela Ariola-Ramos   |
| AP15-022         | 1389        | <b>Talc pleurodesis and percutaneous drainage of a fluid-filled bulla which failed conservative therapy: A case report</b><br>Jack Zhao (Australia), Grant Sanger, Edward Fysh  |
| AP15-023         | 1410        | <b>A case of pulmonary mucormycosis disguised as ruptured pseudoaneurysm</b><br>Zul Amali Che Kamaruddin (Malaysia), Mat Zuki Mat Jaeb, Nor Afifah Iberahim, Suzila Che Sayuti, Azza Omar, Aniza Hassan, Wan Aileen Wan Ahmed, Gerard Francis Lopez, Jia Hui Loh, Anilawati Mat Jelani, Noridah Nordin              |
| AP15-024         | 1425        | <b>Impacts of timing of antibiotic prescription for pleural infection</b><br>Jack Zhao (Australia), Edward Fysh   |



## Poster Session (3A) - Respiratory Infections (non-tuberculous)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP15-025         | 1429        | <b>Deciphering the impact of gram-negative bacteria on mycobacterium avium infection model</b><br>Minh Phuong Trinh (Republic of Korea), Kyu-Min Kim, Jeong-Ih Shin, Jung-Wan Yoo, Min-Kyoung Shin  |
| AP15-026         | 1435        | <b>Determination of criteria for mycobacterial interspersed repetitive unit-variable number tandem repeat typing capable of differential diagnosis of mycobacterium intracellulare recurrence/re-infection</b><br>Minh Phuong Trinh (Republic of Korea), Kyu-Min Kim, Jung-Wan Yoo, Min-Kyoung Shin |
| AP15-027         | 1442        | <b>Investigation of potential roles and mechanisms of ascorbate in the treatment of mycobacterium avium complex pulmonary diseases</b><br>Kyu-Min Kim (Republic of Korea), Hyun-Eui Park, Minh Phuong Trinh, Min-Kyoung Shin, Jung-Wan Yoo  |
| AP15-028         | 1481        | <b>Lung mass: A rare presentation of NTM pulmonary disease, mimicking lung cancer</b><br>Sheena Jing Yi Ng (Singapore), Jade Soh, Rui Ya Soh  |
| AP15-029         | 1513        | <b>Emergence of Candida famata fungemia in an immunocompromised patient: A case report and therapeutic approach</b><br>Rollin Tabuena (Philippines), Shaira Arinzol, Ma. Daisy Tabuena, Lysa Lynn Libanan   |
| AP15-030         | 1532        | <b>Integrating telehealth to enhance access to rehabilitation in occupational therapy outpatient service: A pilot program for patients with long COVID</b><br>Wing Shan Wong (Hong Kong), Chi Hong Damian Siu, Wai Kwan Grace Choi, Lok Man Brian Ho, Wai Fong Dawn Poon                            |
| AP15-031         | 1538        | <b>The unexpected mucoviscidosis discovery from non-tuberculous mycobacterium (NTM) infection</b><br>Minalosani Arumugam (Malaysia), Syazatul Syakirin Sirol Aflah  |
| AP15-032         | 1560        | <b>Prevalence of long COVID and risk factors of long COVID in Thai patients</b><br>Pichaya Petborom (Thailand), Panyada Langlongsatit, Sudee Aeimsanudom, Phiramon Tanthanawat, Tnaton Trakarnwijitr, Thinatta Cherdchuvichaikul  |
| AP15-033         | 1597        | <b>Accurate identification of carbapenem-resistant Acinetobacter baumannii colonization and infection in lower airway</b><br>Ding-Yun Feng (China), Tian-Tuo Zhang  |
| AP15-034         | 1616        | <b>Persistent post-acute sequelae after non-COVID-19 viral community-acquired pneumonia - Evidence from a large prospective study in Singapore</b><br>Dorothy Hui Lin Ng (Singapore), Pei Min Thong, Wei Yee Leong, Paul Anantharajah Tambyah, Tsin Wen Yeo   |
| AP15-035         | 1620        | <b>Clinical features and outcomes of carbapenem-resistant Acinetobacter baumannii pneumonia in the era of colistin</b><br>Myung Goo Lee (Republic of Korea)   |
| AP15-036         | 1649        | <b>Empyema thoracis - A complication of hepatic schistosomiasis abscess formation connected through hepato-pleural fistula</b><br>Hayette Roja Marie Flores (Philippines), Mithi Kalayaan Zamora  |
| AP15-037         | 1676        | <b>Pulmonary strongyloidiasis and hyperinfection in a patient with systemic lupus erythematosus</b><br>Abirami Dharmalingam (India), Aravind Ram Manohar, Irfan Ismail Ayub, Muthu Subramanian P S, Divya D   |

Poster Session (3A) - Respiratory Infections (non-tuberculous)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP15-038         | 1679        | <b>Case of incidental solitary pulmonary nodule due to mycobacterium abscessus</b><br>Joyce Camille Tan (Philippines), Guinevere Dy - Agra, Marian Dimabuyu-Francisco, Ma. Charmian Hufano  |
| AP15-039         | 8003        | <b>A case of community-acquired pneumonia caused by group A hemolytic streptococcus that died within half a day of admission</b><br>Yuki Imasato (Japan), Hibiki Kanda, Kei Sasaki  |
| AP15-040         | 8025        | <b>A farmer's lung: Case of pulmonary aspergillosis</b><br>Kathleen To (Philippines), Johnson See   |
| AP15-041         | 8026        | <b>A case of recurrent exacerbation of bronchiolitis and nail bed changes with nocardia gelsenkirchenii infection</b><br>Qiuyu Li (China), Jiajia Zheng, Qiuyue Zhang, Ying Liang, Hong Zhu, Yongchang Sun  |
| AP15-042         | 8036        | <b>Clinical characteristics of active cytomegalovirus infection between female and male patients with systemic lupus erythematosus</b><br>Qiuyu Li (China), Nini Dai, Rong Zhou, Xin Li, Beidi Chen, Jinxia Zhao  |
| AP15-043         | 8047        | <b>Identification of key prognostic factors and biomarkers of patients with severe pneumonia through microbiome/transcriptome analysis</b><br>Sooyeon Lim (Republic of Korea), Jin Gu Yoon  |
| AP15-044         | 8049        | <b>Clinical characteristics and management of Asian patients with renal disease or immunocompromised conditions hospitalized for COVID-19 across the evolving COVID-19 era</b><br>Essy Mozaffari (United States of America), Aastha Chandak, Alpesh Amin, Neera Ahuja, Mel Chiang, Billy Mo, Heng Jiang, Yohei Doi  |
| AP15-045         | 8070        | <b>Epidemiological study of cytomegalovirus disease in a single institution before and after the onset of COVID-19 pandemic</b><br>Hidenori Takahashi (Japan), Shinichiro Ota, Yugo Satake, Hiroki Nagamatsu, Ryutaro Hirose, Naoya Toba, Mio Toyama-Kousaka, Miwa Morikawa, Masamichi Mineshita, Masaharu Shinkai  |
| AP15-046         | 8076        | <b>Multidrug-resistant pseudomonas lung abscess in a 41-year-old Japanese female treated with colistin and cefiderocol after initial misdiagnosis as rifampicin-resistant tuberculosis in Kyrgyzstan</b><br>Lisa Yamasaki (Japan), Masao Hashimoto, Yutaro Ueki, Yusuke Tanaka, Keisuke Kunimoto, Hiroshi Nokihara, Akane Ishida, Go Naka, Shinyu Izumi, Mamoru Muto, Tatsuo Maeyashiki, Satoshi Nagasaka, Taketo Kubo, Hidetoshi Nomoto, Masayuki Hojo |
| AP15-047         | 8084        | <b>Utility of PES score in predicting multidrug-resistant community-acquired pneumonia</b><br>Lea Dianne Ayuyao (Philippines), Bernice Ong-Dela Cruz  |
| AP15-048         | 8086        | <b>Blood digital PCR for diagnosis and evaluation of treatment efficacies in patients with pneumocystis pneumonia</b><br>Shuhei Ideguchi (Japan), Nanako Kawamoto, Nanae Ikemiyagi, Naoya Nishiyama, Wakako Arakaki, Daijiro Nabeya, Hideta Nakamura, Takeshi Kinjo, Makoto Furugen, Kazuya Miyagi, Kazuko Yamamoto   |

## Poster Session (3B) - Bronchoscopy and Interventional Techniques

Date: 10 Nov 2024 (Sun)  
 Time: 11:30 – 13:00  
 Theme: Bronchoscopy and Interventional Techniques  
 Venue: Convention and Theatre Foyer, Level 1  
 Moderators: Dr. Ryan Leung (Hong Kong), Dr. Terence Tam (Hong Kong), Dr. Chin-wing Yu (Hong Kong)

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP16-001         | 1015        | <b>Diagnostic utility of pleuroscopic guided pleural biopsy versus pleural fluid cell block in the diagnosis of malignant pleural diseases</b><br><b>Boon Hau Ng (Malaysia)</b> , Hsueh Jing Low, Nik Nuratiqah Nik Abeed, Mohd Imree Azmi, Chun Ian Soo, Rose Azzlinda Osman, Nur Amani Aris, Azira Ahmad Kamil, Norita Idris, Mohamed Faisal Abdul Hamid, Andrea Yu-Lin Ban |
| AP16-002         | 1027        | <b>A single centre experience on the efficacy and safety of thoracoscopy under local anaesthesia for the management of intrathoracic infections</b><br><b>Kohei Fujita (Japan)</b> , Zentaro Saito, Takanori Ito, Takuma Imakita, Issei Oi, Yuki Yamamoto, Osamu Kanai, Satoru Sawai, Kiminobu Tanizawa   |
| AP16-003         | 1097        | <b>Successful foreign body extraction of a garlic clove using bronchoscopy-cryotherapy in an adult male</b><br><b>Kaiser Marr Cruz (Philippines)</b> , Michael Gino Ordon, Ralph Elvi Villalobos  |
| AP16-004         | 1107        | <b>Diagnostic yields and safety of thoracoscopic cryobiopsies in Japan: A single-center retrospective observational study</b><br><b>Miwa Kamatani (Japan)</b> , Nobuyasu Awano, Minoru Inomata, Naoyuki Kuse, Keita Sakamoto, Toshio Kumasaka, Takehiro Izumo   |
| AP16-005         | 1146        | <b>Tracheo-esophageal fistula in an adult male two weeks post caustic ingestion; challenges in management</b><br><b>Jillian Yvonne Canlas (Philippines)</b> , Maria Cecilia Lozada, Mithi Kalayaan Zamora   |
| AP16-006         | 1207        | <b>Assessing bronchoscope damage and repair expenditures: A comparative study of hospital and national data in Japan</b><br><b>Tomoyasu Mimori (Japan)</b> , Shoko Shimamura, Tetsutaro Nagaoka, Taichi Miyawaki, Tadashi Sato, Norihiro Harada, Yuzo Kodama, Tsutomu Suzuki, Kazuhisa Takahashi  |
| AP16-007         | 1273        | <b>Complication of fiber optic bronchoscopy procedure under local and general anesthesia</b><br><b>Russilawati Russilawati (Indonesia)</b> , Oea Khairsyaf, Irvan Medison, Jeffri Sofian Leksana  |
| AP16-008         | 1319        | <b>Outcomes of radial endobronchial ultrasound in the investigation of pulmonary lesions in Waikato Hospital</b><br><b>Nicole Niu (New Zealand)</b> , Eskandarain Shafuddin, Janice Wong, Henry Gallagher   |
| AP16-009         | 1336        | <b>Effectiveness of radiation shields to minimize operator dose in the bronchoscopy suite: A phantom study and clinical cases</b><br><b>Hee Yun Seol (Republic of Korea)</b> , Hosang Jeon, Inyoung Moon, Yohan Cho   |
| AP16-010         | 1354        | <b>Quality of life after segmentectomy in aspergillosis patient with recurrent and massive hemoptysis</b><br><b>Sharah Ananta (Indonesia)</b> , Indra Yovi, Sri Indah Indriani, Indi Esha, Hariadi Hatta  |

## Poster Session (3B) - Bronchoscopy and Interventional Techniques

| Presentation No. | Abstract ID  | Abstract Title and Presenter & Author  |
|------------------|--|--|
| AP16-011         | 1361   | <b>Bronchoscopic extraction of bloody bronchial cast in a young Filipino male with pulmonary tuberculosis reinfection presenting as massive hemoptysis</b><br>Albert Mitchell Yap (Philippines), Almera Manan, Henry Jr. Medina, Gene Philip Louie Ambrocio  |
| AP16-012         | 1379   | <b>Simultaneous tracheal stenting and endobronchial valve deployment in metastatic esophageal carcinoma with tracheal stenosis and bronchopleural fistula complicated by persistent air leak</b><br>Eugene Gan (Singapore), Carrie Leong   |
| AP16-013         | 1495   | <b>Silent complication unveiled: Post-intubation tracheal stenosis 35 years after a lung surgery</b><br>Laurie Lynne Ngo (Philippines), Sean Fergie Verallo, Julius Dalupang   |
| AP16-014         | 1526   | <b>Comparative study of preoperative CT-guided needle marking and radiofrequency identification lung marking</b><br>Yuki Mori (Japan), Tomoyuki Takahashi, Ippei Nerai, Takafumi Yorozuya, Haruka Takenaka, Tatsuru Ishikawa, Kentaro Kodama, Yuichiro Asai, Hirotaka Nishikiori, Mamoru Takahashi, Koji Kuronuma, Hirofumi Chiba                                  |
| AP16-015         | 1528   | <b>A rare complication of tracheal stenosis 35 years post-intubation: A case report</b><br>Laurie Lynne Ngo (Philippines), Sean Fergie Verallo   |
| AP16-016         | 1544   | <b>The diagnostic yield and complications rate of transbronchial lung biopsy a retrospective single center audit</b><br>Marina Isaac (Australia), Veronica Yozghatlian, Fedil Metti  |
| AP16-017         | 1549   | <b>Morphological characteristics of endoluminal tumor vasculature in central lung cancer</b><br>Amelia Tandriyadi (Indonesia), Jamal Zaini, Mia Elhids   |
| AP16-018         | 1582   | <b>Unusual cause of hemoptysis with EBUS</b><br>Hui Min Ho (Singapore), Geraldine Wong, Pyng Lee   |
| AP16-019         | 1587   | <b>Miscellaneous pulmonary massive hemorrhage due to anomalous origin of the right pulmonary artery from the ascending aorta with co-infection of methicillin resistant staphylococcus aureus</b><br>Munkh-Erdene Dashzeveg (Mongolia), Javzan-Orlom Dorjjugder, Tumur-Ochir Tsedev-Ochir, Bat-Erdene Battseren, Bayarmaa Nurzed, Altankhuyag Nergui               |
| AP16-020         | 1588   | <b>Flexible bronchoscopy for sewing pin removal from intrabronchial in a young adult: A case report from Calmette Hospital, Cambodia</b><br>Menghak Heng (Cambodia), Chamroeunniron Long, Phonsopheak Keo, Sokvorleak Hang, Thaiheng Oeng, Mouykea Ly, Soksan Tan, Bunleng Kou, Kunthea Phon, Vichitra Prok, Sarin Chan, Saly Saint, Sotharith Bory, Bunpaul Chhar |
| AP16-021         | 1623   | <b>Therapeutic safety and efficacy assessment of bronchoscopic pulsed electric fields for chronic bronchitis: A preclinical animal study</b><br>Jinsheng Lin (China), Difei Chen, Junfeng Huang, Lisi Luo, Xinyuan Chen, Huijie Yang, Mengni Zhang, Shiyue Li  |
| AP16-022         | 1632   | <b>Franseen core needle biopsy in combined EBUS EUS-B FNA</b><br>Jeffrey Ng (Singapore), Hiang Ping Chan, Kay Choong See   |
| AP16-023         |  1701 | <b>The diagnostic performance of robotic bronchoscopy systems versus electromagnetic navigation and fluoroscopy: A multicenter, prospective, randomized-controlled trial (optimal trial)</b><br>Junfeng Huang (China), Zhending You, Hongjia Li, Shiyue Li, Changhao Zhong   |

## Poster Session (3B) - Bronchoscopy and Interventional Techniques

| Presentation No. | Abstract ID | Abstract Title and Presenter & Author   |
|------------------|-------------|---|
| AP16-024         | 8023        | <b>Airway basal stem cell derived-extracellular vesicles in the treatment of benign tracheal stenosis: Preclinical investigation and mechanism insights</b><br>Lisi Luo (China), Junfeng Huang, Difei Chen, Huijie Yang, Shiyue Li                |
| AP16-025         | 8024        | <b>Unveiling the role of fibroblast activation protein expression in the development of benign tracheal stenosis: A comprehensive experimental and translational study</b><br>Lisi Luo (China), Junfeng Huang, Difei Chen, Yuling Deng, Shiyue Li |
| AP16-026         | 8050        | <b>Incidental foreign body aspiration in a non resolving pneumonia in a young adult: A case report</b><br>Richard Boado (Philippines)   |

# Acknowledgement

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## Notes

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We are delighted to introduce the people who have been nominated by members of the APSR; — members whose careers have been helped by the honouree's guidance and mentoring, or who have been inspired by their contribution to respiratory health in the Asia-Pacific region and elsewhere, or for some other special attribute that makes them worthy of distinction. Nominate your Mentor for the Honour Roll!







# APSR Big 5 Lung Diseases Workshop & Toolkit

A workshop at the APSR 2022 Congress brought together representatives from the APSR, Union APR, and WHO SEA Region, with advice from experts at WHO WPRO, to address the Big 5 Lung Diseases: Asthma, COPD, Lung Cancer, Tuberculosis, and non-TB infections in order to contribute to the Sustainable Development Goals (SDGs), with a focus on broad applicability to lower-middle income countries.

The report of the workshop has been published in the APSR official journal – *Respirology*.  
**Towards regional progress: APSR 2022 Big Five Lung Diseases Workshop**



Access the report

The workshop discussed primary care models for the Big 5 which had been successfully trialled in different settings, and a tool kit was designed based on these models for broader adaptation to other settings interested in developing similar effective models of care. These toolkits were based on these local models.

## Toolkits

1. **Activating primary care COPD patients with multimorbidity (APCOM) programme**
2. **All-hands on deck approach to Covid-19 vaccination – Oriental Mindoro**
3. **Easy asthma clinic network**
4. **Peak inspiratory flow rate guided inhalation therapy**
5. **Improved clinical efficacy of indeterminate pulmonary nodules through lung cancer biomarker panel risk model and optimized diagnostics pathway for lung cancer**
6. **Community respiratory centre/best practice model for the management of Big-5 respiratory illness**
7. **UBO patrol: a model of primary care for the Big 5 lung diseases in Dagupan City, Province of Pangasinan, Philippines**
8. **Co-care for DM-latent infection of TB (CO4DLIT)**
9. **The big five lung diseases in Ho Chi Minh City**



Access the webpage  
to request the toolkits



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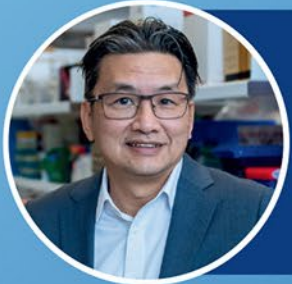
An Editor's Guide to Research Publishing  
for Clinicians: From Beginner to Expert

Sunday, 10 Nov 2024  
9:30am – 11:00am  
Room S421



## Introduction

by the Editors in Chief of *Respirology*  
*Prof Paul Reynolds (left) and Prof Philip Bardin (right)*



## Why Clinicians Should Do Research and How to Start (and Publish)

*Prof Gary Lee, Deputy Editor, Respirology Case Reports*



## Open Access Publishing Explained

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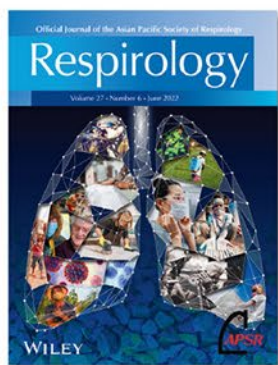


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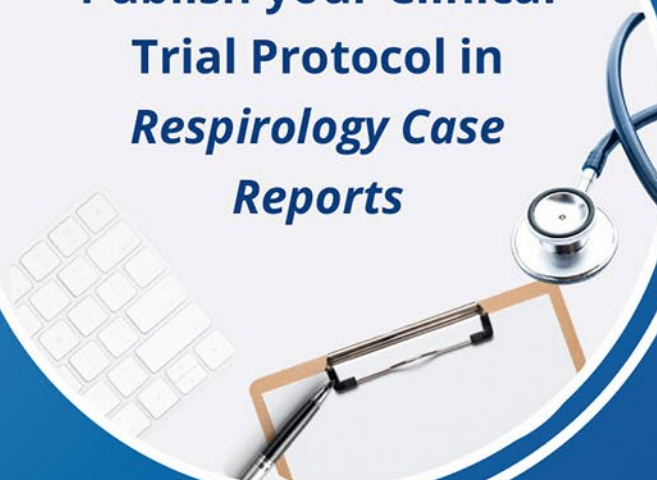
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November 13-16, 2025



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## SHORTEN PATIENTS' TIME TO RECOVERY

In patients hospitalized with COVID-19, vs placebo<sup>\*1,2</sup>

VEKLURY® is indicated for adults and pediatric patients for the treatment of SARS-CoV-2 infection.<sup>2</sup>

VEKLURY® (n=541) significantly reduced time to recovery by a median of 5 days compared with placebo (n=521) in the overall study population (rate ratio for recovery 1.29; 95% CI 1.12–1.49; p<0.001).<sup>\*1,2</sup>

\* Study design: A placebo-controlled, randomized, double-blind, parallel-group clinical trial was conducted in patients aged ≥ 18 years with SARS-CoV-2 infection. Subjects received VEKLURY® 200 mg IV once daily on Day 1 followed by VEKLURY® 100 mg IV once daily on Days 2 to 10 or placebo. If the subject was discharged from the hospital, the study drug was discontinued. In addition to study drug, standard of care was allowed in accordance with local guidelines for the treatment of infections with SARS-CoV-2. The primary endpoint was time to recovery within 28 days after randomization defined as not hospitalized, no limitation on activities; not hospitalized, limitation on activities and/or requiring home oxygen; hospitalized, not requiring supplemental oxygen – no longer required ongoing medical care.<sup>2</sup>

CI=confidence interval; COVID-19=coronavirus disease 2019; IV=intravenous; SARS-CoV-2=severe acute respiratory syndrome coronavirus 2.

References: 1. Beigel JH, et al. N Engl J Med. 2020;383:1813–1826. 2. VEKLURY® Hong Kong Prescribing Information. [HK-MAY22-JP-MAR22-EU-AUG21]

VEKLURY® Abbreviated Prescribing Information (Version: HK-MAY22-JP-MAR22-EU-AUG21)

**Presentation:** Veklury powder for concentrate for solution for infusion 100 mg: Each vial contains 100 mg of remdesivir. White to off-white to yellow solid. **Indications:** SARS-CoV-2 Infection. In principle remdesivir should be used for SARS-CoV-2 infections in patients who do not require oxygen support and are considered to need treatment with VEKLURY because of their risk factors for disease progression of SARS-CoV-2 infection etc., or patients with pneumonia who are infected with SARS-CoV-2. Also, refer the latest guideline on the treatment target of VEKLURY. **Dosage:** Adults and pediatrics with body weight ≥40 kg: Single dose of remdesivir 200 mg IV injection on Day 1 followed by once-daily doses of remdesivir 100 mg IV injection from Day 2. Pediatrics with body weight between 3.5 kg and <40 kg: One dose of remdesivir 5 mg/kg IV injection on Day 1 followed by remdesivir 2.5 mg/kg IV injection from Day 2. **Treatment duration:** The treatment course of VEKLURY should be initiated as soon as possible after symptom of SARS-CoV-2 infection has developed, VEKLURY is administered until Day 3. As a guide, VEKLURY is administered until Day 5 for patients with pneumonia who are infected with SARS-CoV-2, VEKLURY is administered until Day 10 if patients do not obtain improvement. **Renal impairment:** Not recommended for adults, infants, children and older children with eGFR <30 mL/min/1.73m<sup>2</sup> and term newborns (7 to 28 days) with serum creatinine levels of ≥1 mg/dL. **Hepatic impairment:** Not recommended for patients with ALT levels ≥5 times the Upper Limit of Normal Range. **Contraindications:** Hypersensitivity to the active substances or to any of the excipients. **Warnings and Precautions:** Kidney and liver function tests should be performed daily before and during administration and the patient's condition should be carefully monitored. The patient's condition should be carefully monitored for infusion reactions and anaphylactic reactions. Administration should be immediately discontinued and appropriate measures should be taken if any abnormalities are observed. **Adverse reactions:** Clinically significant adverse reactions include acute renal impairment, hepatic impairment and hypersensitivity (including infusion reactions and anaphylactic reactions: hypotension, hypertension, tachycardia, bradycardia, hypoxia, fever, dyspnea, wheezing, angioedema, rash, nausea, vomiting, diaphoresis, and shivering). Refer to package insert for other adverse reactions. **Drug interactions:** *In vitro* studies have shown that remdesivir is a substrate for CYP2C8, CYP2D6 and CYP3A4, as well as OATP1B1 and P-gp, and, in addition, is an inhibitor of CYP3A4, OATP1B1, OATP1B3, BSEP, MRP4 and NTCP. No clinical drug-drug interaction studies have been conducted. This drug should be administered with caution when co-administered with hydroxychloroquine sulfate or chloroquine.

Before prescribing, please consult full prescribing information which is available upon request.

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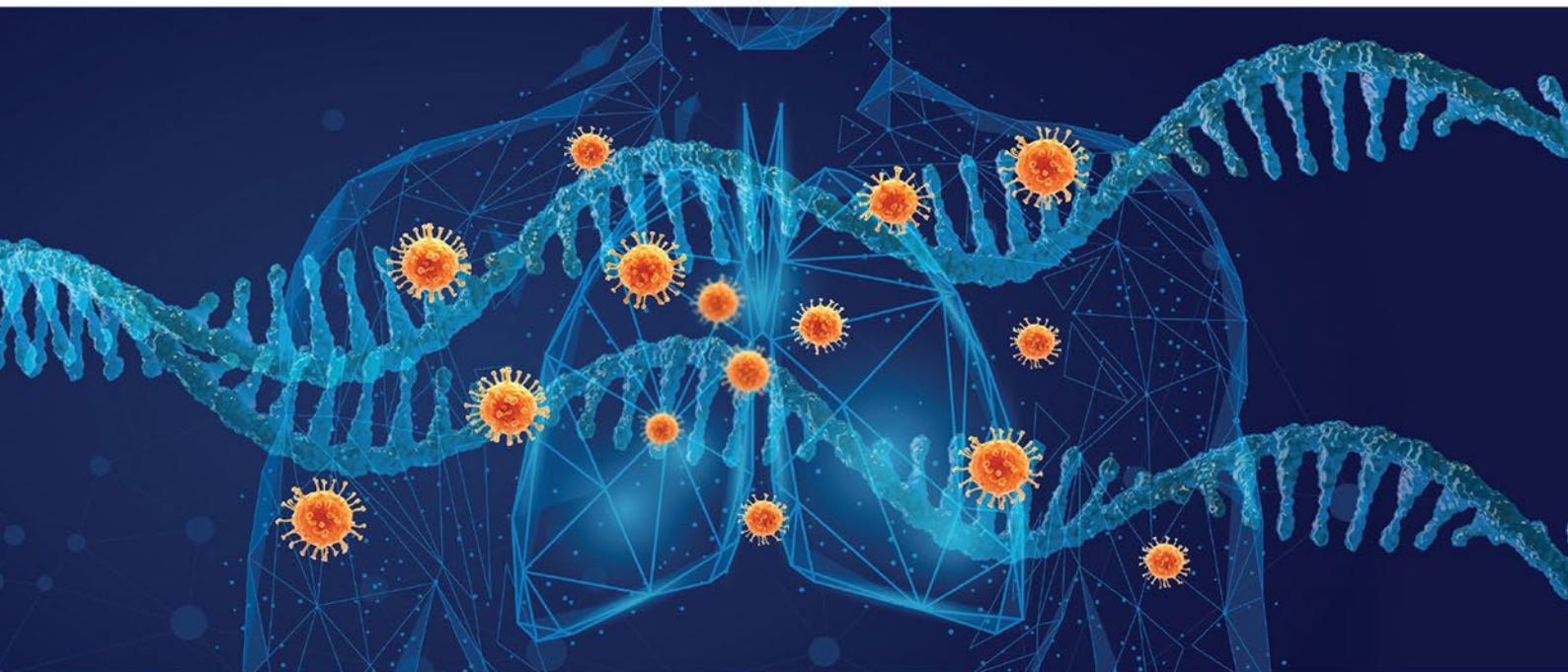
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In Hong Kong, the product is conditionally approved with very limited safety, efficacy, and quality data for public health emergency to satisfy local unmet medical need and the registration status is subjected to be reviewed by the Pharmacy and Poisons (Registration of Pharmaceutical Products and Substances: Certification of Clinical Trial/Medical Test) Committee. The product can only be supplied to institutions or registered medical practitioners.



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**Friday 8 November, 14:45 – 15:25**

Parallel Session 3D, Level 4, Room S421

#### **Speaker: Dr. Pin-Kuei Fu**

Director, Division of Clinical Research, Department of Medical Research; Director, Technique Transfer Center, Taichung Veterans General Hospital; Professor, College of Medicine, National Chung Hsing University & China Medical University





# OPTIMISING ASTHMA CONTROL<sup>1-4</sup> WITH



**flutiform®** is indicated in the regular treatment of asthma where the use of a combination product (an inhaled corticosteroid and a long-acting  $\beta_2$  agonist) is appropriate.<sup>5</sup>



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**Composition:** Fluticasone propionate and formoterol fumarate dihydrate at strengths of 50 µg/5 µg, 125 µg/5 µg or 250 µg/10 µg per actuation. **Indications:** Regular treatment of asthma where the use of a combination product (an inhaled corticosteroid and a long-acting  $\beta_2$  agonist) is appropriate. For patients not adequately controlled with inhaled corticosteroids and 'as required' inhaled short-acting  $\beta_2$  agonist; or for patients already adequately controlled on both an inhaled corticosteroid and a long-acting  $\beta_2$  agonist. **flutiform®** 50 µg/5 µg inhaler is indicated in adults, adolescents and children aged 5 years and above. **flutiform®** 125 µg/5 µg inhaler is indicated in adults and adolescents aged 12 years and above. **flutiform®** 250 µg/10 µg inhaler is indicated in adults only. **Dosage and Administration:** For inhalation use. The patient should be shown how to use the inhaler correctly by a physician or other healthcare professional. Patients should be given the strength of **flutiform®** containing the appropriate fluticasone propionate dosage for their disease severity (note that **flutiform®** 50 µg/5 µg per actuation is not appropriate in patients with severe asthma). The appropriate strength should be taken as two inhalations, twice-daily (normally in the morning and evening) and used every day, even when asymptomatic. **flutiform®** should not be used in children under 5 years. Prescribers should be aware that in asthmatics, fluticasone propionate is as effective as some other inhaled steroids when administered at approximately half the total daily microgram dose. Total daily dose can be increased if asthma remains poorly controlled by administering a higher strength inhaler. Appropriate doses of the  $\beta_2$ -agonist and inhaled corticosteroid (ICS) in separate inhalers, or the ICS alone, should be prescribed if a patient requires doses outside the recommended dose regimens. Patients should be assessed regularly and once asthma is controlled, treatment should be reviewed and stepped down to the lowest effective dose, or an ICS alone. It is extremely important to regularly review patients as their treatment is stepped down. ICSs alone are first line treatment for most patients. **flutiform®** is not intended for initial treatment of mild asthma. For patients with severe asthma the ICS therapy should be established before prescribing a fixed dose combination product. Patient on **flutiform®** must not use an additional LABA. An inhaled SABA should be taken for immediate relief of asthma symptoms arising between doses. The AeroChamber Plus® Flow-Vu® spacer device is recommended in patients who find it difficult to use inhalers: re-titration should always follow the introduction of a spacer device. Patients should be advised to contact their prescriber when the **flutiform®** dose indicator is getting near zero. **Contraindications:** Hypersensitivity to any of the active substances or excipients. **Pregnancy:** **flutiform®** should not be used for the first treatment of asthma, to treat acute asthma symptoms or for prophylaxis of exercise-induced asthma. It should not be initiated during an exacerbation, during significantly worsening or acutely deteriorating asthma, and should not be stopped abruptly. Patients should use their **flutiform®** maintenance treatment as prescribed, even when asymptomatic. If a patient experiences serious asthma-related adverse events or exacerbations, they should continue treatment but also seek medical advice. Patients should be reviewed as soon as possible if there is any indication of deteriorating asthma control. In the case of sudden and progressive deterioration, which is potentially life-threatening, an urgent medical assessment should be carried out. Use with caution in patients with: pulmonary tuberculosis; latent tuberculosis; fungal, viral or other infections of the airway; thyrotoxicosis; pheochromocytoma; diabetes mellitus (consider additional blood sugar controls); uncorrected hypokalaemia; predisposition to low levels of serum potassium; impaired adrenal function (monitor HPA axis function regularly); hypertrophic obstructive cardiomyopathy; idiopathic subaortic aortic stenosis; severe hypertension; aneurysm or other severe cardiovascular disorders. There is risk of potentially serious hypokalaemia with high doses of  $\beta_2$ -agonists or concomitant treatment with  $\beta_2$ -agonists and drugs that can induce or potentiate a hypokalaemic effect. Particular caution is recommended in unstable or acute severe asthma and other conditions when the likelihood for hypokalaemia adverse effects is increased. Monitoring of serum potassium levels is recommended during these circumstances. Formoterol may induce prolongation of the QTc interval. Caution must be observed when treating patients with existing prolongation of QTc interval. **flutiform®** should be discontinued immediately if there is evidence of paradoxical bronchospasm. Systemic effects with an ICS may occur, particularly at high doses for prolonged periods or when combined with potent CYP3A4 inhibitors, but are less likely than with oral corticosteroids. Use of a spacer device may also cause an increased pulmonary deposition and systemic exposure. Increased exposure can be expected in patients with severe hepatic impairment. Prolonged treatment with high doses of corticosteroids may result in adrenal suppression and acute adrenal crisis or potentially as a result of trauma, surgery, infection or rapid dose reduction. Patients should be advised that **flutiform®** contains a small amount of ethanol; however, this negligible amount does not pose a risk to patients. **flutiform®** is not recommended in children under 5 years of age. **Adverse Reaction:** Potentially serious side-effects: hyperglycaemia; depression; aggression; behavioural changes (predominantly in children); paradoxical bronchospasm; agitation; vertigo; palpitations; ventricular extrasystoles; angina pectoris; tachycardia; hypertension; dyspnoea; peripheral oedema; Cushing's Syndrome; adrenal suppression; growth retardation; cataract and glaucoma; hypersensitivity reactions and QTc interval prolongation; Children may experience anxiety, sleep disorders and behavioural changes including hyperactivity and irritability. Please refer to the SPC for details of non-serious side-effects and those reported for the individual molecules. **Interactions:** Caution is advised in long-term co-administration with strong CYP3A4 inhibitors (e.g. ritonavir, atazanavir, darunavir, indinavir, itraconazole, neflavir, saquinavir, ketoconazole, telitromycin and cobicistat); co-administration should be avoided if possible. Caution is advised with use of non-potassium sparing diuretics (e.g. loop or thiazide), xanthine derivatives, glucocorticosteroids, L-Dopa, L-thyroxine, oxytocin, alcohol or other adrenergic drugs. There is an increased risk of arrhythmias in patients receiving concomitant anaesthesia with halogenated hydrocarbons. Hypokalaemia may increase the risk of arrhythmias in patients being treated with digitalis glycosides. Concomitant use of  $\beta$ -adrenergic drugs can have a potentially additive effect. Caution should be taken when using formoterol fumarate with drugs known to prolong the QTc interval, such as tricyclic antidepressants or MAOIs (and for two weeks following their discontinuation), as well as antipsychotics (including phenothiazines), quinidine, disopyramide, procainamide and antihistamines. Concomitant use of an MAOI or a similar agent, such as furazolidone or procarbazine, may precipitate hypertensive reactions.  $\beta$ -blockers and formoterol fumarate may inhibit the effect of each other.  $\beta$ -blockers may produce severe bronchospasm in asthma patients, and they should not normally be treated with  $\beta$ -blockers including those that are used as eye drops to treat glaucoma. Under certain circumstances, e.g. as prophylaxis after myocardial infarction, cardioselective  $\beta$ -blockers could be considered with caution. **Presentation:** Pressurised inhalation suspension, in a pressurised metered dose inhaler (pMDI), containing fluticasone propionate and formoterol fumarate dihydrate at strengths of 50 µg/5 µg, 125 µg/5 µg or 250 µg/10 µg per actuation. Full prescribing information is available upon request. HK-1109-02

References: 1. Usmani O S, et al. *Journal of Allergy & Clinical Immunology in Practice* 2017;5(5): 1378-87. 2. Schmidt O, et al. *Respir Med* 2017;131:166-174. 3. Backett V, et al. *Ther Adv Respir Dis* 2018;12:1-16. 4. Papi A, et al. *J Aerosol Med Pulm Drug Deliv*. 2016; 29: 346-361. 5. **flutiform®** SmPC. Last updated 02/19.



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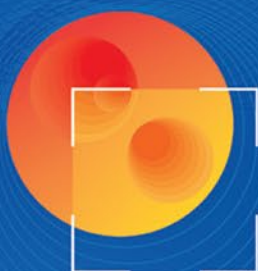


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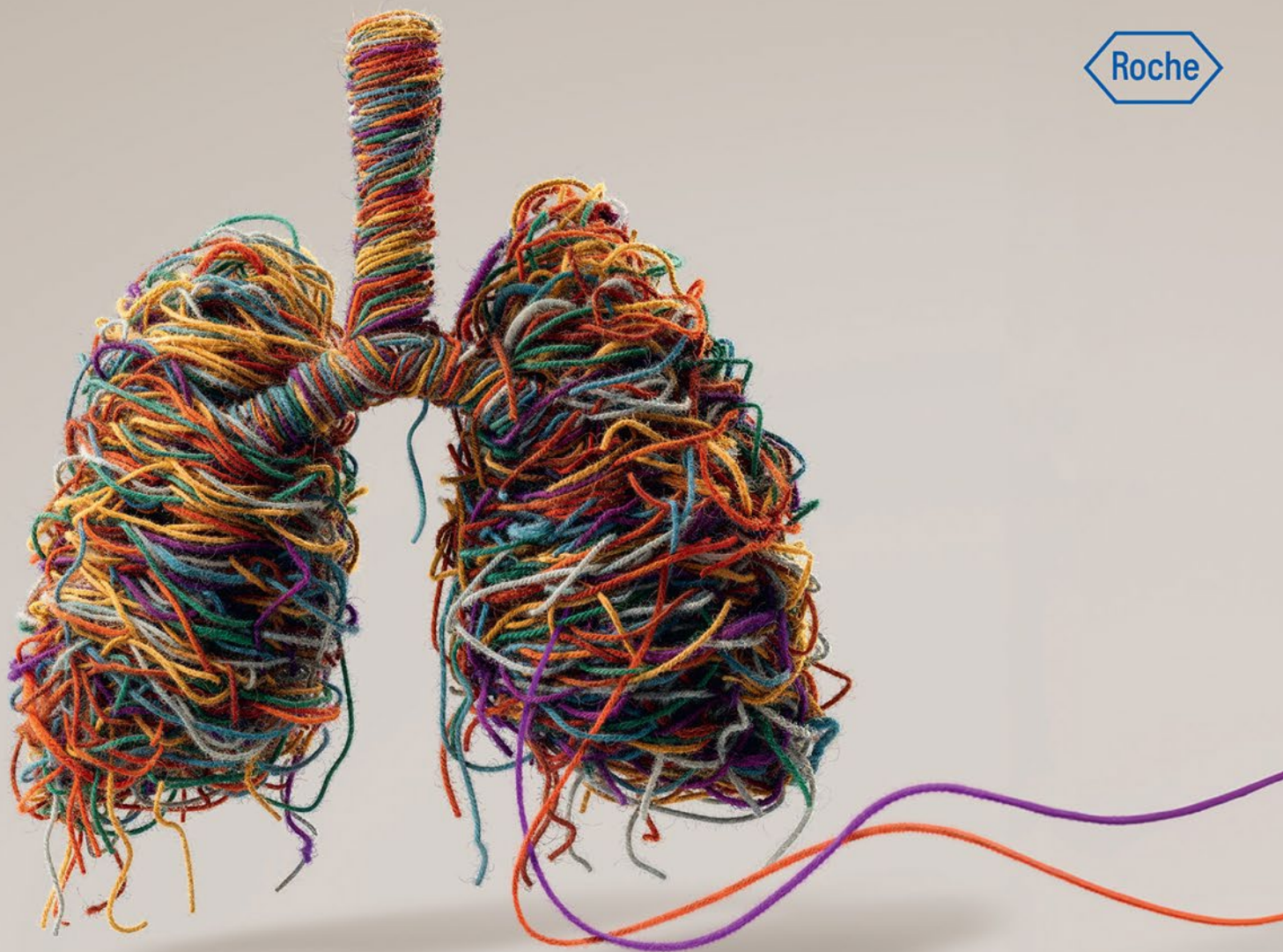
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# Can we untangle the complexity of COPD?

COPD is a complex heterogeneous disease, with the presence of both neutrophilic (Type 1, 3) and eosinophilic (Type 2) inflammation.<sup>1-7</sup>

Neutrophilic inflammation is the predominant type in most patients.<sup>1,2,4,6</sup>

Understanding how we could address neutrophilic as well as eosinophilic inflammation could be key to reducing exacerbations across a broader population of patients.<sup>2,8</sup>

**Follow the thread to booth C6/C7 to find out more.**

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ST2art Targeting Upstream of the Inflammatory Cascade in COPD  
Friday 8th November 13:00 - 14:15 Room: S426-S427



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MODERATE AND SEVERE PATIENTS<sup>8</sup>



**References:** 1. O'Byrne PM et al. N Engl J Med 2018; 378: 1865-76. 2. Bateman ED et al. N Engl J Med 2018; 378: 1877-87. 3. Beasley R et al. N Engl J Med 2019; DOI: 10.1056/NEJMoa1901963. 4. Hardy J et al. Lancet 2019; Published online Aug 23, 2019; [http://dx.doi.org/10.1016/S0140-6736\(19\)31948-8](http://dx.doi.org/10.1016/S0140-6736(19)31948-8). 5. Kuna P et al. Int J Clin Pract 2007 (May); 61(5): 725 – 36. 6. Bousquet J et al. Respir Med 2007; 101: 2437 – 46. 7. Sobleraj DM et al. JAMA 2018; doi: 10.1001/jama.2018.2769. 8. Symbicort Hong Kong Package Insert. Feb 2021.

**Presentation:** Budesonide/Formoterol Turbuhaler. **Indications:** In adults and adolescents (12 years and older), for the treatment of asthma, to achieve overall asthma control, including the relief of symptoms and the reduction of the risk of exacerbations. Symptomatic treatment of moderate to severe COPD in adults. **Dosage:** **Asthma 1) Symbicort anti-inflammatory reliever therapy (patients with mild disease) 160/4.5 mcg Turbuhaler Adult & Adolescent ≥ 12yr:** 1 inhalations as needed in response to symptoms. If symptoms persist after a few minutes, 1 additional inhalation should be taken. No more than 6 inhalations should be taken on any single occasion. A total daily dose of more than 8 inhalations is normally not needed, however a total daily dose of up to 12 inhalations can be used temporarily. **2) Symbicort maintenance and reliever therapy Adult & Adolescent ≥ 12yr:** Patients should take 1 inhalation of Symbicort Turbuhaler 160/4.5 mcg as needed in response to symptoms to control asthma. If symptoms persist after a few minutes, 1 additional inhalation should be taken. No more than 6 inhalations should be taken on any single occasion. Recommend maintenance dose is 1 inhalation b.d. and some may need 2 inhalations b.d.. A total daily dose of more than 8 inhalations is normally not needed, however a total daily dose of up to 12 inhalations can be used temporarily. **3) Symbicort maintenance therapy 160/4.5 mcg Turbuhaler Adult & Adolescent ≥ 12yr:** 1-2 inhalations b.d.. Max daily dose is 4 inhalations. **COPD 160/4.5 mcg Turbuhaler Adult:** 2 inhalations b.d.. Max daily dose is 4 inhalations. **Contraindications:** Hypersensitivity to budesonide, formoterol or lactose. **Precautions:** Should be used for the shortest duration of time required to achieve control of asthma symptoms. Should only be used long-term in patients whose asthma cannot be adequately controlled on asthma controller medications. Not be used to initiate treatment with inhaled steroids in patients being transferred from oral steroids. It is recommended that the maintenance dose be tapered when long-term treatment is discontinued. Potential systemic effects of ICS, HPA axis suppression and adrenal insufficiency, bone density, growth, visual disturbance, infections/tuberculosis, sensitivity to sympathomimetic amines, cardiovascular disorders, hypokalaemia, diabetes, pneumonia, lactose, pregnancy & lactation. Not recommended for children below 12 years of age. Incidence of candidiasis can be minimized by having patients rinse their mouth out with water after inhaling their maintenance dose. **Interactions:** CYP3A4 inhibitors, beta-receptor blocking agents, other sympathomimetic agents, Xanthine derivatives, mineralocorticosteroids and diuretics, Monoamine oxidase inhibitors, tricyclic antidepressants, quinidine, disopyramide, procainamide, phenothiazines and antihistamines. **Undesirable effects:** Palpitations, Candida infections in the oropharynx, headache, tremor, mild irritation in the throat, coughing, hoarseness. **Full local prescribing information is available upon request.** APLHK.SYM.0721

Please visit [contactazmedical.astrazeneca.com](http://contactazmedical.astrazeneca.com), for (1) enquiring Medical Information (MI), (2) reporting Individual Case Safety Report (ICSR) and/or (3) reporting product quality complaint (PQC) to AstraZeneca Hong Kong Limited.

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