21st Congress of Asian Pacific Society of Respirology
12 - 15 November 2016 • Bangkok, Thailand
PROGRAM BOOK

Organized by:

Supported by:

www.apsr2016.com
Prescribing Information

Composition: 1 capsule for inhalation contains tiotropium 18 mcg equivalent to 22.5 mcg tiotropium bromide monohydrate (H₂N – tiotropium bromide). Exipients: lactose monohydrate (which contains milk protein). Indications: SPIRIVA® is indicated for the maintenance treatment of patients with COPD (including chronic bronchitis and emphysema), the maintenance treatment of associated dyspnea and for prevention of exacerbations.

Dosage and administration: The recommended dosage of SPIRIVA® is inhalation of the contents of one capsule once daily with the Handihaler® inhalation device at the same time of day (see instructions for use). SPIRIVA® Capsules must not be swallowed. Elderly patients can use SPIRIVA® at the recommended dose. Renally impaired patients can use SPIRIVA® at the recommended dose. However, as with all predominantly renally eliminated drugs, SPIRIVA® use should be monitored closely in patients with moderate to severe renal impairment. Hepatically impaired patients can use SPIRIVA® at the recommended dose. There is no experience with SPIRIVA® in infants and children and therefore should not be used in this age group. Contraindications: SPIRIVA® inhalation powder is contraindicated in patients with a history of hypersensitivity to alergone or its derivatives, e.g. glycopyrrolate or atropine or to any component of the product (see composition list of excipients). Special warnings and precautions: SPIRIVA®, as an once daily maintenance bronchodilator, should not be used for the initial treatment of acute episodes of bronchospasm, i.e. rescue therapy. Immediate hypersensitivity reactions may occur after administration of SPIRIVA® inhalation powder. As with other anticholinergic drugs, SPIRIVA® should be used with caution in patients with narrow-angle glaucoma, prostatic hyperplasia or bladder-neck obstruction. Inhaled medicines may cause inhalation-induced bronchospasm. As with all predominantly renally eliminated drugs, SPIRIVA® use should be monitored closely in patients with moderate to severe renal impairment (creatinine clearance of < 30 ml/min). SPIRIVA® capsules are to be used only with the Handihaler® device.

Reference: 1904/2214R

See full prescribing information in the package leaflet.
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On behalf of the Organizing Committee, welcome to the 21st Congress of the Asian Pacific Society of Respirology (APSR 2016) at The Queen Sirikit National Convention Center (QSNCC) Bangkok, Thailand, 12-15 November 2016.

The APSR 2016 will gather clinicians, researchers and experts in the respiratory medicine community from all around the Asia Pacific region. In addition to being an excellent forum for information sharing, it will provide a good opportunity to connect and interact with people who work in all areas of respirology in the region, including pulmonology, thoracic surgery, internal medicine, critical care, paediatrics, as well as graduate students. Its aim is to provide an occasion for delegates to discuss, exchange, and share their knowledge, experiences and opinions for the development of respirology. We guarantee that you will find this conference riveting and informative.

Bangkok, one of the most modern cities in Asia, is blessed not only with the best meeting facilities but also has exciting attractions to offer; prestige cultural, historical and indigenous attractions, family oriented facilities, varied shopping opportunities and more. We are sure that you will enjoy your stay in Bangkok apart from gaining knowledge and innovation from the congress.

We would like to thank you for participating in this most prestigious event. It is only with your contribution that we can ensure the success of APSR 2016.

Thank you very much and welcome to Bangkok, Thailand for APSR 2016.

Dr. Sumalee Kiatboonsri
President, 21st Congress of APSR 2016
Chairman, Local Organizing Committee
Dear Friends and Colleagues,

We are glad that you are taking part in the exciting 21st Congress of Asian Pacific Society of Respirology (APSR 2016).

Our outstanding speakers have come from many parts of the world including North America, Europe and Asia. This will make the Congress an outstanding international forum to present and discuss progress in research, development, standards, techniques and applications of the topics related to all aspects of respiratory diseases.

This Congress will offer high quality technical activities including research sessions, scientific sessions, workshops, and tutorial tracks.

Aside from the excellent scientific program, we hope you will experience a taste of the Thai culture. Our delegates will have an opportunity to explore, indulge and relax during their stay in Bangkok.

Sincerely,

Dr. Adisorn Wongsa
President of Thoracic Society of Thailand under Royal Patronage
Dear Colleagues and Friends,

It is my great pleasure to welcome you to the 21th Congress of the Asian Pacific Society of Respirology (APSR 2016) held in Bangkok, Thailand on 12th-15th November 2016.

Following great success of the previous congress in Bangkok in 2008, the APSR together with the 2016 Local Congress Committee (LCC), members of the Thoracic Society of Thailand under Royal Patronage to host this congress will present you four-day congress featuring comprehensive scientific programmes, including plenary lectures, major symposia organized by 16 APSR Scientific Assemblies, and also noteworthy topics well organized together with the LCC, which will be delivered by well reputed and distinguished speakers in the field of respirology from all over the world in addition to regional and local experts. On behalf of the APSR, I would like to take this occasion to thank all of our guest faculties for their valuable time and contribution to the APSR 2016 Bangkok.

I sincerely hope you will take this opportunity to improve your knowledge and skills through discussion with many key members of the APSR, the American Thoracic Society (ATS), the European Respiratory Society (ERS) and the American College of Chest Physicians (CHEST) and wish you comfortable and delightful stay in the historical and beautiful city in Bangkok, the very center of the Asian Pacific region.

Sincerely yours,

Prof. Michiaki Mishima
President of the APSR
ABOUT THE ASIAN PACIFIC SOCIETY OF RESPIROLOGY

What we do

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

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

EXECUTIVE COMMITTEE

Michiaki Mishima (Chairperson)
Chunxue Bai
J Patrick Barron
Jane Brouke
Masahito Ebina
Teresita de Guia
Peter Eastwood
Philip Eng
Kwun Fong
Yoshinosuke Fukuchi
Mary Sau-Man Ip
Sumalee Kiaboonsri
David C L Lam
Matthew Peters
Paul Reynolds
YoungSoo Shim
Wan-Cheng Tan
Faisal Yunus

Executive Members Representing the Council Members

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

Chairpersons of the Permanent Committees

Michiaki Mishima Steering Committee
Mary Sau-Man Ip Strategic Planning Committee
Chunxue Bai Research Committee
David C L Lam Education Committee
Yoshinosuke Fukuchi Nomination Committee
Teresita de Guia Finance Committee
Paul Reynolds Membership Committee
Kwun Fong Central Congress Committee
CENTRAL CONGRESS COMMITTEE

Central Congress Committee

Kwun Fong Chairperson
Michiaki Mishima President
Kwun Fong Secretary General / President-Elect
Teresita de Guia Treasurer
Chunxue Bai Chairperson of the Research Committee
David C L Lam Chairperson of the Education Committee
Peter Eastwood Representative of the Editorial Office
Sumalee Kiatboonsri President of the Congress
Roslina Manap President of the previous Congress

Heads of Assemblies

Kittipong Maneechotesuwan Asthma
PynnLee Bronchoscopy and Interventional Techniques
Yasuhiro Yamauchi Cell and Molecular Biology
Diahn-Warng Perng COPD
Shu Hashimoto Clinical Allergy & Immunology
Philip Eng Clinical Respiratory Medicine
Rodolfo Roman T Bigornia Critical Care Medicine
Soon-Hee Jung Environmental & Occupational Health and Epidemiology
Masahito Ebina Interstitial Lung Disease
Chong King Liam Lung Cancer
Albert Li Pediatric Lung Disease
Hiroshi Kimura Pulmonary Circulation
Ki-Suck Jung Respiratory Infections (non-tuberculosis)
Kazuo Chin Respiratory Neurobiology and Sleep
Yasutaka Nakano Respiratory Structure and Function
Charles Yu Tuberculosis
# APSR 2016 LOCAL ORGANIZING COMMITTEE

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<td>Prof. Sumalee Kiatboonsri</td>
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<td>Congress Advisors</td>
<td>Maj. Gen. Dr. Adisorn Wongsa</td>
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<td></td>
<td><em>President of Thoracic Society of Thailand under Royal Patronage</em></td>
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<td>Prof. Visit Udompanich</td>
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<td>Prof. Arth Nana</td>
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<td>Prof. Suchai Charoenratanakul</td>
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<td>Prof. Yongyudh Ploysongsang</td>
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<td>Prof. Somkiat Wongtim</td>
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<td>Prof. Kreetha Thammakumpee</td>
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<td></td>
<td>Assist. Prof. Charn Kiatboonsri</td>
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<td>Assoc. Prof. Watchara Boonsawat</td>
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<td>Assoc. Prof. Chaicharn Phothirat</td>
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<td>Col. Dr. Petchara Boonyongsunchai</td>
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<td>Assoc. Prof. Nitipatana Chierakul</td>
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<td>Secretary General</td>
<td>Assoc. Prof. Jamsak Tscheikuna</td>
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<tr>
<td>Assistant Secretary General</td>
<td>Col. Dr. Anan Wattanathum</td>
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<td>Lt. Col. Dr. Prapun Kittivoravitkul</td>
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<tr>
<td>Chair, Scientific Committee</td>
<td>Dr. Charoen Chuchottaworn</td>
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<tr>
<td>Co-Chair, Scientific Committee</td>
<td>Assist. Prof. Naricha Chirakalwasan</td>
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<tr>
<td>Scientific Committee</td>
<td>Assist. Prof. Benjamas Chuaycho</td>
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<td>Prof. Kittipong Maneechotesuwan</td>
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<td>Prof. Wipa Reechaipichitkul</td>
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<td>Assoc. Prof. Chalerlil Winrisakun</td>
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<td>Assoc. Prof. Anakapong Phunmanee</td>
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<td>Assist. Prof. Siwasak Juthong</td>
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<td>Assist. Prof. Kamon Kawkitinarong</td>
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<td>Assist. Prof. Pongdhep Theerawit</td>
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<td>Dr. Thiti Sricharoenchadi</td>
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<td>Assist. Prof. Supparerk Disayabutr</td>
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<tr>
<td>Finance Committee</td>
<td>Dr. Piamlarp Sangsayun</td>
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<td></td>
<td>Dr. Kittima Bangpattanasiri</td>
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<td></td>
<td>Assist. Prof. Manaphol Kulpraneet</td>
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<tr>
<td>Chair, Exhibition and Fund Raising Committee</td>
<td>Dr. Pairaj Kateruttanakul</td>
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<tr>
<td>Exhibition and Fund Raising Committee</td>
<td>Dr. Viratch Tangsujaritvijit</td>
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<td></td>
<td>Col. Dr. Punnapong Hansiripan</td>
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<td></td>
<td>Dr. Anusorn Taneepan</td>
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<td>Assoc. Prof. Athavudh Deesomchok</td>
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<td>Marketing and Logistics Committee</td>
<td>Assoc. Prof. Chanchai Sittipunt</td>
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<td></td>
<td>Assoc. Prof. Suree Sompradeekul</td>
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<td></td>
<td>Assist. Prof. Suthat Rungruanghiranya</td>
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<td></td>
<td>Dr. Asma Navasakulpong</td>
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The exhibition is located in Plenary Hall 1 and will be open as follows:

**EXHIBITION HOURS**

- **Sunday, 13 November, 2016** 09:00-14:30
- **Monday, 14 November, 2016** 09:00-14:30
- **Tuesday, 15 November, 2016** 09:00-14:30
NAME BADGE
Your name badge is required for entry into all congress sessions, and the exhibition area. If you misplace your name badge, please approach the registration desk to obtain a replacement. A nominal fee is applicable for replacement of name badges.

PRE-CONGRESS WORKSHOPS
There are ten pre-congress, half-day workshops, taking place on Saturday, 12 November 2016. Please see the scientific program for details. The workshop registration fee is USD 50 per workshop, subject to availability.

OPENING CEREMONY & WELCOME RECEPTION
Registered participants are invited to attend the Opening Ceremony on Saturday, 12 November, 2016 at 18:00 in Plenary Hall 2. The Opening Ceremony will be followed by a Welcome Reception in the Ballroom at 19:00.

GALA DINNER
The Gala Dinner will take place on Monday, 14 November, 2016 at 19:00 at the Retro Live Café. Tickets cost USD 110 for international delegates/ USD 80 for Local delegates, subject to availability.

REFRESHMENTS AND LUNCH
Lunch on 12 November will be for Workshop participants only and distributed in Zone C. Lunch on 13-15 November will be distributed at the Lunch symposia and in Zone C.

PLEASE REMEMBER TO BRING YOUR LUNCH VOUCHER.

CERTIFICATE OF ATTENDANCE
Please note that the certificate of attendance will not be printed onsite. Certificates of Attendance will be sent by email to all attendees electronically after the Congress. Certificates of Poster/Oral Presentation will be issued upon request by email to the secretariat after the Congress.

CONGRESS ABSTRACTS
APSR 2016 congress abstracts are published in online journal Respirology, the official journal of the Asian Pacific Society of Respirology.

APSR 2016 APP
Install the APSR 2016 interactive mobile App to your smartphone and portable device to access all the Congress information you could need during the Congress. See the overview of sessions, speakers and exhibitors. Create your own programme for the event, including bookmarking the sessions you wish to attend. Download the APSR 2016 App now to enhance your congress experience!

IMPORTANT!
The program is correct at time of printing. Any changes will be announced on-site.

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

CONGRESS ORGANIZERS
Kenes Asia (Thailand) Co., Ltd.
PICO Building, 10 Soi Lasalle 56, Sukhumwit, Bangna, Bangkok 10260, Thailand
Tel: +662 7487881 I Fax: +662 7487880 I E-mail: apsr2016@kenes.com
INFORMATION FOR ORAL PRESENTERS

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

Presentations taking place in: Plenary Hall 2, Plenary Hall 3, Meeting Rooms 1, 2, 3, 4, 5 and Ballroom should be uploaded in the Executive Center 2.

Presentations taking place in Boardroom 1, 2, 3, 4, 5 should be uploaded in Boardroom 6.

Power point slide format should be 4:3 except for Plenary Hall 2 which will be 16:9

Length of presentation
As an Abstract Oral Presenter, you will be allocated 10 minutes for your presentation. This includes 3 minutes for questions and answers (total of 10 minutes for each presenter).

Data Presentation: For PowerPoint presentation (or any other PC based application), please note you need to bring it on USB Memory stick and load it on one of the Congress computers in the Speakers’ Ready Room at least 3 hours before the start of your session. Kindly remember when preparing your PowerPoint slides, that the font size should be large enough so that when projected it can be seen from the rear of the session hall. Please also remember that your PowerPoint slide presentation should be prepared in a landscape format and NOT Portrait.

If combining video films with PowerPoint, please make sure to check it in the session hall where your lecture is taking place during a coffee or lunch break prior to your session at least 30 minutes before the start of the session – even after checking it in the Speakers’ Ready Room. Please note that the congress computers in the session halls are being supplied with Office 2013 (at least).

Although not recommended, you may supply your own laptop computer. In such a case please confirm that it has a suitable VGA socket for external signal. Please come to check it first in the Speakers’ Ready Room as soon as you arrive and later on in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 30 minutes before the start of the session.

PLEASE BRING A HARD COPY BACK-UP OF YOUR PRESENTATION WITH YOU.

Important note for Macintosh users:
In order to use MAC presentations on a PC compatible computer please note that you need to prepare it according to the instructions below, before bringing it to the Speakers’ Ready Room:

1. Use a common font, such as Arial, Times New Roman, Verdana etc. (special fonts might be changed to a default font on a PowerPoint based PC).
2. Insert pictures as JPG files (and not TIF, PNG or PICT - these images will not be visible on a PowerPoint based PC).
3. Use a common movie format, such as AVI, MPG and WMV. MOV files from QuickTime will not be visible on a PowerPoint based PC.

Alternatively you may use your own Macintosh laptop computer. In such a case please provide it with a VGA adaptor for external signal, advise the operators in the Speakers’ Ready Room about it as soon as you arrive and later on test it in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 30 minutes before the start of the session.

Please note that VHS Video projection, 35 mm’ slide projection and Overhead projection (projection of transparencies) will not be available.

At the Session Hall
• Assemble in your session room at least 10 minutes before the beginning of the session.
• Please check the final program to confirm the date, time, room and order of your presentation.
• Ensure that you sit near the front of the room with easy access to the right hand side of the stage.
• Ensure that you keep to the time allocated to you, as it will cause disruption to sessions if you run over your allotted time.
• If there are any changes or corrections required to the presentation details, please let the Technician know as soon as possible.
POSTER OVERVIEW

Posters are displayed in the Atrium as per the poster board numbers indicated in the Program Book. Short poster discussions will be led by chairpersons. Poster presenters are requested to stand by their posters for a 3 or 4 minute discussion per their scheduled time slot during the poster session they have been allocated within on their presentation day. Posters should be set-up at the beginning of the sessions and dismantled at the end of the sessions on the day the poster is presented.

The organizers are not responsible for any posters that have not been removed by the end of the sessions on the day in which they have been scheduled.

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<tr>
<td>Chairs: Gee Young Suh (Korea) and Athavudh Deesomchok (Thailand)</td>
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<td>Poster Presentation 2: Respiratory Infections (non-tuberculous) 2</td>
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<tr>
<td>Chairs: Yohsei Hamada (Switzerland) and Kanlaya Panjapornpon (Thailand)</td>
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<td>Poster Presentation 3: Tuberculosis 1</td>
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<td>Chairs: Charles Yu (Philippines) and Chalerm Liwsrisakun (Thailand)</td>
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<td>13:30-15:00 POSTER SESSION 4, 5, 6</td>
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<td>Poster Presentation 4: Lung Cancer 1</td>
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<td>Chairs: Masahide Oki (Japan) and Anakapong Phunmanee (Thailand)</td>
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<td>Poster Presentation 5: Lung Cancer 2</td>
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<tr>
<td>Chairs: Chong King Lim (Malaysia) and Kreeha Thammakumpee (Thailand)</td>
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<td>Poster Presentation 6: Lung Cancer 3 + COPD</td>
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<td>Chairs: Wahju Aniwidayangisih (Indonesia) and Asma Navasakulpong (Thailand)</td>
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<td>16:30-18:30 POSTER SESSION 7, 8, 9</td>
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<td>Poster Presentation 7: Respiratory Neurobiology and Sleep + Interstitial Lung Disease 1</td>
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<tr>
<td>Chairs: Toby Maher (UK) and Prapun Kittivoravitkul (Thailand)</td>
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<td>Poster Presentation 8: Clinical Respiratory Medicine 1</td>
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<tr>
<td>Chairs: Muzaffer Metintas (Turkey) and Athavudh Deesomchok (Thailand)</td>
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<td>Poster Presentation 9: Clinical Respiratory Medicine 2</td>
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<tr>
<td>Chairs: Yasuo Morimoto (Japan) and Manaphol Kulpraneet (Thailand)</td>
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<td>Poster Presentation 10: Critical Care Medicine 1 + Environmental &amp; Occupational</td>
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<tr>
<td>Chairs: Muzaffer Metintas (Turkey) and Thiti Sricharoenchai (Thailand)</td>
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<tr>
<td>Poster Presentation 11: Critical Care Medicine 2</td>
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<tr>
<td>Chairs: Rodolfo Bigornia (Philippines) and Phunsup Wongsurakiat (Thailand)</td>
</tr>
<tr>
<td>Poster Presentation 12: Bronchoscopy and Interventional Techniques 1</td>
</tr>
<tr>
<td>Chairs: Noriaki Kurimoto (Japan) and Thitiwat Srprasart (Thailand)</td>
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<tr>
<td>11:00-12:30 POSTER SESSION 13, 14, 15</td>
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<tr>
<td>Poster Presentation 13: Asthma 1</td>
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<tr>
<td>Chairs: Yusuhiro Yamauchi (Japan) and Yuda Sutherasan (Thailand)</td>
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<tr>
<td>Poster Presentation 14: Asthma 2</td>
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<tr>
<td>Chairs: Takahide Nagase (Japan) and Manaphol Kulpraneet (Thailand)</td>
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<tr>
<td>Poster Presentation 15: Clinical Allergy and Immunology + Pulmonary Circulation</td>
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<tr>
<td>Chairs: Nobuaki Miyahara (Japan) and Suree Sompradeekul (Thailand)</td>
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<tr>
<td>16:00-17:30 POSTER SESSION 16, 17, 18</td>
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<tr>
<td>Poster Presentation 16: COPD 1</td>
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<tr>
<td>Chairs: Diahn-Wang Perm (Taiwan) and Somkiet Wongtim (Thailand)</td>
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<td>Poster Presentation 17: COPD 2</td>
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<tr>
<td>Chairs: Hajime Kurosawa (Japan) and Benjamas Chuaychoo (Thailand)</td>
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<td>Poster Presentation 18: Interstitial Lung Disease 2</td>
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<tr>
<td>Chairs: Takafumi Suda (Japan) and Thiti Sricharoenchai (Thailand)</td>
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<tr>
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<tr>
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<tr>
<td>Chairs: Yi Wen Huang (Taiwan) and Nattapong Jamchariyatam (Thailand)</td>
</tr>
<tr>
<td>Poster Presentation 20: Bronchoscopy and Interventional Techniques 2 + Clinical Respiratory Medicine 3 + Respiratory Structure and Function</td>
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<tr>
<td>Chairs: Bing Lam (Hong Kong) and Prapun Kittivoravitkul (Thailand)</td>
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<tr>
<td>Poster Presentation 21: Cell and Molecular Biology + Paediatric Lung Disease</td>
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<tr>
<td>Chairs: Takahide Nagase (Japan) and Kate Chan (Hong Kong)</td>
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VENUE FLOOR PLAN

Queen Sirikit National Convention Center (QSNCC)
# APSR BUSINESS MEETINGS

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<tr>
<th>Congress Day</th>
<th>Location/name of the room</th>
<th>Meeting time</th>
<th>Name of Meetings</th>
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<tr>
<td>Sat-12 Nov</td>
<td>Board Room 1</td>
<td>08:00-09:00</td>
<td>Steering Committee Meeting</td>
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<td>09:00-10:00</td>
<td>APSR Foundation meeting</td>
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<td>10:00-13:00</td>
<td>APSR Executive Committee Meeting</td>
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<td></td>
<td>13:00-14:30</td>
<td>Business Reports at APSR Executive Committee Meeting</td>
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<td>14:30-15:30</td>
<td>APSR Assembly Troika Leadership Meeting</td>
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<td>15:30-16:30</td>
<td>APSR Councillors/Leaders of En bloc membership Meeting</td>
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<td>16:30-17:15</td>
<td>Annual General Meeting (AGM)</td>
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<tr>
<td>Sun-13 Nov</td>
<td>Lotus Rooms</td>
<td>07:00-08:00</td>
<td>16 APSR Assembly Meetings</td>
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<td>Board Room 1</td>
<td>12:30-13:30</td>
<td>2016 Editorial Board Meeting for Respirology &amp; Respirology Case Reports</td>
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<td>13:45-14:45</td>
<td>APSR-Respirology &amp; Respirology Case Reports Editor-in-Chief Meeting</td>
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<td>15:00-16:00</td>
<td>APSR-ERS Leadership meeting</td>
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<td>16:45-17:45</td>
<td>APSR Industry Taskforce meeting</td>
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<tr>
<td>Mon-14 Nov</td>
<td>Board Room 1</td>
<td>09:30-10:30</td>
<td>Central Congress Committee &amp; APSR 2017 Liaison Meeting</td>
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<td>10:45-11:45</td>
<td>APSR-ATS Leadership Meeting</td>
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<td>12:45-13:30</td>
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<td>14:50-15:50</td>
<td>APSR Virtual Library/Education Committee Meeting</td>
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<tr>
<td>Tue-15 Nov</td>
<td>Board Room 1</td>
<td>10:00-11:00</td>
<td>APSR Business Meeting</td>
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<td></td>
<td>11:15-11:45</td>
<td>APSR Business Meeting</td>
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</table>

# APSR ASSEMBLY MEETINGS

7:00-8:00, 13 November, 2016
Lotus Rooms, Queen Sirikit National Convention Centre

<table>
<thead>
<tr>
<th>Assembly</th>
<th>Head</th>
<th>Head-Elect</th>
<th>Deputy Head</th>
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</thead>
<tbody>
<tr>
<td>Clinical Respiratory Medicine</td>
<td>Philip ENG</td>
<td>Thomas MOK</td>
<td>Dushantha MADEGEDARA</td>
</tr>
<tr>
<td>COPD</td>
<td>Diahn-Warng PERNG</td>
<td>Kazuto MATSUNAGA</td>
<td>Chin Kook RHEE</td>
</tr>
<tr>
<td>Asthma</td>
<td>Kittipong MANEECHOTESUWAN</td>
<td>Peter GIBSON</td>
<td>Kang-Yun LEE</td>
</tr>
<tr>
<td>Bronchoscopy and Interventional Techniques</td>
<td>Pyng LEE</td>
<td>Fumihiro ASANO</td>
<td>Phan NGUYEN</td>
</tr>
<tr>
<td>Lung Cancer</td>
<td>Chong King LIAM</td>
<td>Emily STONE</td>
<td>Sita ANDARINI</td>
</tr>
<tr>
<td>Critical Care Medicine</td>
<td>Rodolfo Roman T BIGORNIA</td>
<td>Rex C.W. YUNG</td>
<td>Phunsup WONGSURAKIAT</td>
</tr>
<tr>
<td>Cell and Molecular Biology</td>
<td>Yasuhiro YAMAUCHI</td>
<td>Takahide NAGASE</td>
<td>Taisuke JO</td>
</tr>
<tr>
<td>Tuberculosis</td>
<td>Charles YU</td>
<td>Erlna BURHAN</td>
<td>Jennifer Mendoza WI</td>
</tr>
<tr>
<td>Clinical Allergy &amp; Immunology</td>
<td>Shu HASHIMOTO</td>
<td>Hironori SAGARA</td>
<td>Yasuhiro GON</td>
</tr>
<tr>
<td>Respiratory Infections (non-tuberculosis)</td>
<td>Ki-Suck JUNG</td>
<td>Yuanlin SONG</td>
<td>Soon Hin HOW</td>
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<tr>
<td>Interstitial Lung Disease</td>
<td>Masahito EBINA</td>
<td>Arata AZUMA</td>
<td>Takafumi SUDA</td>
</tr>
<tr>
<td>Respiratory Neurobiology and Sleep</td>
<td>Kazuo CHIN</td>
<td>Yoshitaka OKU</td>
<td>Christopher KM HUI</td>
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<tr>
<td>Paediatric Lung Disease</td>
<td>Albert LI</td>
<td>Jessi de BRUYNE</td>
<td>Anna Marie NATHAN</td>
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<tr>
<td>Respiratory Structure and Function</td>
<td>Yasutaka NAKANO</td>
<td>Hajime KUROSAWA</td>
<td>Tsuyoshi OGUMA</td>
</tr>
<tr>
<td>Environmental &amp; Occupational Health and Epidemiology</td>
<td>Soon-Hee JUNG</td>
<td>Yasuo MORIMOTO</td>
<td>Kozo KURIBAYASHI</td>
</tr>
<tr>
<td>Pulmonary Circulation</td>
<td>Hiroshi KIMURA</td>
<td>Nobuhiro TANABE</td>
<td>Masayuki HANAOKA</td>
</tr>
</tbody>
</table>
Welcome and introduction
David Price (Singapore), Chair

Goals of COPD management: Do current treatments effectively reduce the risk of exacerbations?
Chin Kook Rhee (Korea)

Implications of FLAME on patient treatment and current guidelines
Jadwiga Wedzicha (UK)

Chair-led expert discussion and audience Q&A
Chair-facilitated panel discussion

Future insights: Chair’s conclusion and close
David Price (Singapore), Chair

Get involved by visiting copd16.com
## PROGRAM AT A GLANCE

### Legend

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<tr>
<th>Pre congress Workshop</th>
<th>Break</th>
<th>Social Program</th>
<th>Plenary Lecture</th>
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<tr>
<td>Parallel Session</td>
<td>Sponsored Session</td>
<td>Oral Presentation</td>
<td>Poster Session</td>
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### SATURDAY, 12 NOVEMBER 2016

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<th>Time</th>
<th>Board Room 2</th>
<th>Lotus Main Area</th>
<th>Meeting Room 1&amp;2</th>
<th>Meeting Room 3&amp;4</th>
<th>Board Room 5</th>
<th>Plenary Hall 2</th>
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</thead>
<tbody>
<tr>
<td>08:30-12:30</td>
<td>Workshop 1: Basic ILO classification and occupational lung disease</td>
<td>Workshop 2: Thoracic ultrasound</td>
<td>Workshop 3: Ventilator graphic interpretation and NIV</td>
<td>Workshop 4: Diagnostic interventional pulmonology</td>
<td>Workshop 5: Obstructive sleep apnea: from science to clinic</td>
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12:30-13:30 Lunch (Retro Live Café)

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<tr>
<th>Time</th>
<th>Board Room 4</th>
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<th>Board Room 3 &amp; 4</th>
<th>Meeting Room 1&amp;2</th>
<th>Boardroom 2</th>
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<tbody>
<tr>
<td>13:30-17:30</td>
<td>Workshop 6: Tips and tricks in chest radiology interpretation</td>
<td>Workshop 7: Critical care ultrasound</td>
<td>Workshop 8: Alveolar recruitment, from PEEP and beyond</td>
<td>Workshop 9: Therapeutic interventional pulmonology</td>
<td>Workshop 10: Obstructive sleep apnea: how to expert in CPAP</td>
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</tbody>
</table>

14:00-17:50 China Day at APSR (By Invitation Only)

18:00-19:00 Opening Ceremony

19:00-20:00 Welcome Reception (Ballroom)
# PROGRAM AT A GLANCE

## SUNDAY, 13 NOVEMBER 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary Hall 2</th>
<th>Plenary Hall 3</th>
<th>Ballroom</th>
<th>Meeting Room 1&amp;2</th>
<th>Meeting Room 3&amp;4</th>
<th>Board Room 2</th>
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</thead>
<tbody>
<tr>
<td>0815-0900</td>
<td>Presidential Lecture COPD Up-date: Comorbidity and IPS (induced pluripotent stem) Cell Study</td>
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<tr>
<td>0900-1030</td>
<td>Session 1A- COPD Pulmonary rehabilitation in real practice: its feasibility, choice of exercise modalities, outcome and long-term maintenance</td>
<td>Session 1B- Lung Cancer 1 Pulmonary intervention in lung cancer management</td>
<td>Session 1C- Respiratory Neurobiology and Sleep 1 Recent advances in sleep disordered breathing and health consequences</td>
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<tr>
<td>1030-1100</td>
<td>Coffee break(Exhibition)</td>
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<tr>
<td>1100-1230</td>
<td>Session 2A- Environmental and Occupational Health and Epidemiology Recent issues on occupational &amp; environmental health in Asia Pacific region</td>
<td>Session 2B- Clinical and Respiratory Medicine 2 Presidential Case Discussion in Pulmonary &amp; Critical Care Medicine- Panel discussants</td>
<td>Session 2C- Paediatric Lung Disease 1 Non-invasive ventilation (NIV) in young children: is it possible?</td>
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<td>Oral Presentation 1- Asthma Improving asthma treatment</td>
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<tr>
<td>1230-1330</td>
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<td>Lunch Symposium 1- Supported by Bi The Changing Landscape in IPF</td>
<td>Lunch Symposium 2- Supported by MundiPharma Improving outcomes in Asthma: From treatment to Digital Health!</td>
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<tr>
<td>1330-1500</td>
<td>Session 3A- Clinical and Respiratory Medicine 1 Smoking and tobacco</td>
<td>Session 3B- Critical Care Medicine 1 ECMO: the essentials</td>
<td>Session 3C- Tuberculosis 1 Treatment of LTBI : does it really work in Asia-Pacific region</td>
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<td>Oral Presentation 5-COPD Topics in COPD management</td>
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<tr>
<td>1500-1530</td>
<td>Coffee break(Exhibition)</td>
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<tr>
<td>1530-1630</td>
<td>Afternoon Symposium 1- Supported by Zambon New challenges in COPD Management</td>
<td>Afternoon Symposium 2- Supported by Boston Scientific Bronchial Thermoplasty: What have we learned?</td>
<td>Afternoon Symposium 3- Supported by Novartis Latest Evidence in Exacerbation Prevention in COPD</td>
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<tr>
<td>1630-1800</td>
<td>Session 4A- Pulmonary circulation Pulmonary circulation</td>
<td>Session 4B- Critical Care Medicine 2 Low tidal volume, stress and strain or driving pressure in ARDS</td>
<td>Session 4C- Interstitial Lung Disease 1 Effective treatment of IPF</td>
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<td>Oral Presentation 9- Tuberculosis Tuberculosis and host</td>
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## SUNDAY, 13 NOVEMBER 2016

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<tr>
<th>Time</th>
<th>Board Room 3</th>
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<tr>
<td>0815-0900</td>
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<td>Coffee break(Exhibition)</td>
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<tr>
<td>1100-1230</td>
<td>Oral Presentation 2 Bronchoscopy and Interventional Techniques</td>
<td>Oral Presentation 3- Cell and Molecular Biology + Asthma</td>
<td>Oral Presentation 4-COPD COPD - from bench to bedside</td>
<td>Poster Presentation 1 Respiratory Infections (non-tuberculous) 1</td>
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<tr>
<td>1230-1330</td>
<td>Oral Presentation 6 Respiratory Infections (non-tuberculous) + Bronchoscopy and Interventional Techniques</td>
<td>Oral Presentation 7-Interstitial Lung Disease + Clinical Allergy and Immunology</td>
<td>Oral Presentation 8 Pediatric lung disease + Pulmonary Circulation</td>
<td>Poster Presentation 4 Lung Cancer 1</td>
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<tr>
<td>1330-1500</td>
<td>Oral Presentation 10 -COPD Causes and comparison among COPD patients</td>
<td>Oral Presentation 11-Lung cancer Understand basic and clinical 1</td>
<td>Oral Presentation 12 Clinical Respiratory Medicine + Environmental &amp; Occupational Health and Epidemiology + Pulmonary Circulation + Respiratory Structure and Function Advanced in pulmonary laboratory</td>
<td>Poster Presentation 5 Lung Cancer 2</td>
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<td>Coffee break(Exhibition)</td>
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<td>1530-1630</td>
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<tr>
<td>1630-1800</td>
<td>Oral Presentation 13 Respiratory Neurobiology and Sleep + Interstitial Lung Disease 1</td>
<td>Oral Presentation 14 Clinical Respiratory Medicine 1</td>
<td>Poster Presentation 8 Clinical Respiratory Medicine 1</td>
<td>Poster Presentation 9 Clinical Respiratory Medicine 2</td>
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<tr>
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<tr>
<td>0800-0900</td>
<td>Memorial Lecture: Ann Janet Woolcock Research Award</td>
<td>Asthma - Lessons learned from pathophysiology to imaging studies</td>
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<td>0900-1030</td>
<td>Session 5A-Lung Cancer 2</td>
<td>Treatment of advanced stage lung cancer</td>
<td>Session 5B- Respiratory Structure and Function</td>
<td>Small airway diseases</td>
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<td>1030-1100</td>
<td>Coffee break (Exhibition)</td>
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<tr>
<td>1100-1230</td>
<td>Session 6A- Clinical Allergy and Immunology</td>
<td>Immunology and the lungs: from basic pathophysiology to clinical expressions and its therapeutic roles</td>
<td>Session 6B - Bronchoscopy and Interventional Techniques 1</td>
<td>Advanced in diagnostic pulmonology and biopsy specimen</td>
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<tr>
<td>1230-1330</td>
<td>Lunch Symposium 4-Supported by BI</td>
<td>Advances in COPD: a breath of fresh air?</td>
<td>Lunch Symposium 5-Supported by GSK</td>
<td>Fluticasone Furoate/Vilanterol: Personalising and Simplifying Treatment for Asthma and COPD</td>
</tr>
<tr>
<td>1330-1430</td>
<td>Memorial Lecture: Michiyoshi Harasawa Research Award</td>
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<tr>
<td>1430-1530</td>
<td>Afternoon Symposium 5-Supported by Pfizer</td>
<td>Adult Pneumococcal Pneumonia: Why Vaccinate?</td>
<td>Afternoon Symposium 6-Supported by Daiichi</td>
<td>Today’s respiratory infection challenges</td>
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<tr>
<td>1530-1600</td>
<td>Coffee break (Exhibition)</td>
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<tr>
<td>1600-1730</td>
<td>Session 7A- Cell and Molecular Biology</td>
<td>Recent progress in respiratory cells and molecular biology</td>
<td>Session 7B- Young Investigator Award</td>
<td>ATS Young Investigators</td>
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<tr>
<td>1900-2100</td>
<td>Gala Dinner (Retro Live Café)- Tickets required</td>
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<tr>
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<tr>
<td>0800-0900</td>
<td><strong>Oral Presentation</strong> 14-Respiratory Infections (non-tuberculous) Topics in lung infection 2</td>
<td><strong>Oral Presentation</strong> 15 Clinical Respiratory Medicine Treatment of uncommon pulmonary disease</td>
<td><strong>Oral Presentation</strong> 16- COPD Improving management in COPD</td>
<td><strong>Poster Presentation</strong> 10 Critical Care Medicine 1 + Environmental &amp; Occupational Medicine 11 Critical Care Medicine 2</td>
</tr>
<tr>
<td>0900-1030</td>
<td>1030-1100 Coffee break (Exhibition)</td>
<td>1100-1230 Oral Presentation 18-Critical Care Medicine Sepsis and critical care</td>
<td>118- Respiratory Neurobiology and Sleep Pathogenesis in pulmonary medicine</td>
<td>19 Respiratory Infections (non-tuberculous) Topics in lung infection 3</td>
</tr>
<tr>
<td>1100-1230</td>
<td>1230-1330 Oral Presentation 22-Critical Care Medicine Basic science knowledge in ICU</td>
<td>23 Environmental &amp; Occupational Health and Epidemiology Smoking and related lung disease</td>
<td>24-Tuberculosis General knowledge in tuberculosis</td>
<td><strong>Poster Presentation</strong> 13 Asthma 1</td>
</tr>
<tr>
<td>1230-1330</td>
<td>1330-1430 Coffee break (Exhibition)</td>
<td>1430-1530 Oral Presentation 25-Interstitial Lung Disease 2</td>
<td>26-Tuberculosis General knowledge in tuberculosis</td>
<td><strong>Poster Presentation</strong> 16 COPD 1</td>
</tr>
<tr>
<td>1430-1530</td>
<td>1530-1600 Oral Presentation 27-Critical Care Medicine Basic science knowledge in ICU</td>
<td>23 Environmental &amp; Occupational Health and Epidemiology Smoking and related lung disease</td>
<td>24-Tuberculosis General knowledge in tuberculosis</td>
<td><strong>Poster Presentation</strong> 16 COPD 1</td>
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<tr>
<td>1530-1600</td>
<td>1600-1730 Coffee break (Exhibition)</td>
<td>1730-1830 Oral Presentation 28 - Critical Care Medicine Botulinum toxin therapy</td>
<td>29-Tuberculosis General knowledge in tuberculosis</td>
<td><strong>Poster Presentation</strong> 16 COPD 1</td>
</tr>
<tr>
<td>1600-1730</td>
<td>1900-2100 Gala Dinner (Retro Live Café)- Tickets required</td>
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</table>
**PROGRAM AT A GLANCE**

**TUESDAY, 15 NOVEMBER 2016**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Plenary Hall 3</th>
<th>Ballroom</th>
<th>Meeting Room 1&amp;2</th>
<th>Meeting Room 3&amp;4</th>
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<tbody>
<tr>
<td>0800-0930</td>
<td><strong>Session 8A- COPD</strong> 2</td>
<td><strong>Session 8B- Asthma</strong> 1</td>
<td><strong>Session 8C- Interstitial Lung Disease</strong> 2</td>
<td><strong>Oral Presentation</strong> 25-Tuberculosis News in Tuberculosis treatment</td>
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<tr>
<td></td>
<td>COPD multi-dimensional assessments, from the best to the most practical tool</td>
<td>Advances in asthma therapy: what does the future hold?</td>
<td>Problems in lung dominant connective tissue disease (or autoimmune-related ILD)</td>
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<tr>
<td>0930-1000</td>
<td>Coffee break (Exhibition)</td>
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<tr>
<td>1000-1100</td>
<td><strong>Diagnosis and treatment of navigation technique in pulmonary disease</strong></td>
<td><strong>The Great Debate</strong> ACOS: does it exist?</td>
<td><strong>The Great Debate</strong> Lung protective strategy in non-ARDS respiratory failure: is it necessary?</td>
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<tr>
<td>1100-1230</td>
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<td>Lunch Symposium 8- Supported by BI</td>
<td>Managed the symptomatic asthma patient: The personalised approach</td>
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<tr>
<td>1230-1400</td>
<td><strong>Session 9A- Tuberculosis</strong> 2</td>
<td><strong>Session 9B- Bronchoscopy and Interventional Techniques</strong> 2</td>
<td><strong>Session 9C- Asthma</strong> 2</td>
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<td>MDR/XDR Treatment: practical approach in Asia-Pacific region</td>
<td>Update on interventional pulmonology for the management of Pulmonary conditions</td>
<td>Two decades of GINA: a roadmap to asthma control</td>
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<tr>
<td>1400-1430</td>
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<td></td>
<td>Closing Ceremony</td>
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<td>Coffee break (Exhibition)</td>
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<td>1230-1400</td>
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<td>1400-1430</td>
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SYMPOSIUM

New Challenges in COPD Management

Sunday 13\textsuperscript{th} November
15:30 - 16:30
Ballroom

21\textsuperscript{st} APSR Congress 2016
QSNCC, Bangkok, Thailand

Chairman  \textit{Prof. Chanchai Sittipunt} \textit{(Thailand)}

Patient profiles:
from bedside to guidelines
\textit{Prof. Wen Fu-Qiang} \textit{(China)}

Oxidation pathway
and exacerbations: the role
of N-acetylcysteine
\textit{Prof. Alberto Papi} \textit{(Italy)}

Question and answer
and concluding remarks
\textit{All}
### Workshop 1: Basic ILO classification and occupational lung disease

**08:30 - 12:30**

**Board Room 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>08:30</td>
<td><strong>Overview ILO classification</strong></td>
<td>Yukinori Kusaka (Japan)</td>
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<tr>
<td>09:00</td>
<td><strong>Reading film of small opacity</strong></td>
<td>Ponglada Subhannachart (Thailand)</td>
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<tr>
<td>09:20</td>
<td><strong>Reading film of large opacity</strong></td>
<td>Piamlarp Sangsayunh (Thailand)</td>
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<tr>
<td>09:40</td>
<td><strong>Pleura and plaque classification</strong></td>
<td>Yukinori Kusaka (Japan)</td>
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<tr>
<td>10:00</td>
<td><strong>Reading films; the practical session</strong></td>
<td>Piamlarp Sangsayunh (Thailand)</td>
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<td>Ponglada Subhannachart (Thailand)</td>
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<td>Kittima Bangpattanasiri (Thailand)</td>
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<td>Narongpon Dumavibhat (Thailand)</td>
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<tr>
<td>10:30</td>
<td><strong>Coffee break</strong></td>
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<tr>
<td>11:00</td>
<td><strong>Reading films; the practical session (cont.)</strong></td>
<td>Piamlarp Sangsayunh (Thailand)</td>
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<td>Ponglada Subhannachart (Thailand)</td>
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<td>Narongpon Dumavibhat (Thailand)</td>
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<td>11:30</td>
<td><strong>Discussion</strong></td>
<td>Kittima Bangpattanasiri (Thailand)</td>
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<td>Narongpon Dumavibhat (Thailand)</td>
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### Workshop 2: Thoracic ultrasound

**08:30 - 12:30**

**Lotus Main Area**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>08:30</td>
<td><strong>Ultrasound essential (Knobology, probe manipulation, image optimization, and common artifact)</strong></td>
<td>Rodolfo Roman T. Bigornia (Philippines)</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>Normal and abnormal pleural US (PE, pneumothorax)</strong></td>
<td>Asma Navasakulpong (Thailand)</td>
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<tr>
<td>09:30</td>
<td><strong>Lung ultrasound (consolidation, mass, edema, infarction)</strong></td>
<td>Suthaporn Lumlertgul (Thailand)</td>
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<td>10:00</td>
<td><strong>Central venous access</strong></td>
<td>Napplika Kongpolprom (Thailand)</td>
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<td>10:30</td>
<td><strong>Coffee break</strong></td>
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<tr>
<td>11:00</td>
<td><strong>Ultrasound; hands on workshop</strong></td>
<td>Rodolfo Roman T. Bigornia (Philippines)</td>
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<td>Asma Navasakulpong (Thailand)</td>
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<td>Suthaporn Lumlertgul (Thailand)</td>
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<td>Napplika Kongpolprom (Thailand)</td>
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</tbody>
</table>
Workshop 3: Ventilator graphic interpretation and NIV
08:30 - 12:30 Meeting Room 1&2

08:30 Ventilator graphic display: interpretation and clinical application
John Marini (USA)

09:30 Case studies on ventilator graphic interpretation
Sumalee Kiatboonsri (Thailand)
John Marini (USA)

10:30 Coffee break

11:00 Practical points in non-invasive positive pressure ventilation (NIV): acute respiratory failure
Chanchai Sittipunt (Thailand)

11:20 Practical points in non-invasive positive pressure ventilation (NIV): chronic respiratory failure
Mark Elliott (United Kingdom)

11:45 Demonstration and hand on: Practical points and pitfalls of NIV
Mark Elliott (United Kingdom)
Sumalee Kiatboonsri (Thailand)
Chanchai Sittipunt (Thailand)
Atikun Limsukon (Thailand)

Workshop 4: Diagnostic interventional pulmonology
08:30 - 12:30 Meeting Room 3&4

08:30 Mapping a pulmonary lesion: how to do it?
Noriaki Kurimoto (Japan)

09:00 Navigation systems for peripheral lung lesions
Bing Lam (Hong Kong)

09:30 Lymph node staging in lung cancer: what is a role of EBUS-TBNA and EUS-FNA
Masahide Oki (Japan)

10:00 Flex-rigid pleuroscopy
Pyng Lee (Singapore)

10:30 Coffee break

11:00 Hands-on
Bing Lam (Hong Kong)
Masahide Oki (Japan)
Noriaki Kurimoto (Japan)
Anan Wattanatham (Thailand)
Kamon Kawkitinarong (Thailand)
Supparerk Disayabutr (Thailand)
Viratch Tangsujaritvijit (Thailand)
Viboon Boonsarnsuk (Thailand)
Workshop 5: Obstructive sleep apnea and beyond: from science to clinic
08:30 - 12:30  Board Room 5

08:30  OSA, from endothelial dysfunction to airway obstruction  46
Kazuo Chin (Japan)

09:00  Obstructive sleep apnea as respiratory control system instability  47
Yoshitaka Oku (Japan)

09:30  Obstructive sleep apnea and renal disease  48
Ning-Hung Chen (Taiwan R.O.C.)

10:00  Neurobehavioral effect of obstructive sleep apnea; from children to adult  49
David Gozal (USA)

10:30  Coffee break

11:00  OSA and infection, the current evidence  50
Manuel Sanchez de-la-Torre (USA)

11:30  Obstructive sleep apnea, treatment options among Asians (case discussion)  51
Ning-Hung Chen (Taiwan R.O.C.)

12:00  How to choose treatment for central sleep apnea? (case discussion)  52
Pimon Rattanaumpawan (Thailand)

Lunch
12:30 - 13:30  Retro Live Café

Workshop 6: Tips and tricks in chest radiology interpretation
13:30 - 17:30  Board Room 4

13:30  Tips and tricks in intensive care chest radiology  53
Philip Eng (Singapore)

14:15  Practical points in common chest diseases, from plain film to CT scan  54
Nitra Piyavisetpat (Thailand)

15:00  Coffee break

15:30  Reading films; the practical session  55
Philip Eng (Singapore)
Sumalee Kiatboonsri (Thailand)  56

16:30  Discussion  57
Philip Eng (Singapore)
Sumalee Kiatboonsri (Thailand)  58

Workshop 7: Critical care ultrasound
13:30 - 17:30  Lotus Main Area

13:30  The left heart  59
Alzamani Idrose (Malaysia)

14:00  The right heart  60
Pongdhep Theerawit (Thailand)

14:30  The fast approach  61
Amornchai Lertamornpong (Thailand)

15:00  Coffee break
15:30 Lung ultrasound: recruitment and weaning
Yuda Sutherasan (Thailand)

16:00 Hands-on
Alzamani Idrose (Malaysia)
Pongdhep Theerawit (Thailand)
Amornchai Lertamornpong (Thailand)
Yuda Sutherasan (Thailand)

Workshop 8: Alveolar recruitment, from PEEP and beyond
13:30 - 17:30 Board Room 3

13:30 PEEP titration incremental and decremental techniques
Chanchai Sittipunt (Thailand)

14:00 Recruitment maneuver
John Marini (USA)

14:30 EIT: what is it and how to use it?
Diederik Gommers (The Netherlands)

15:00 Coffee break

15:30 Esophageal balloon
Nuttapol Rittayamai (Thailand)

16:00 Demonstration workshop
Chanchai Sittipunt (Thailand)
Phunsup Wongsurakiat (Thailand)
Nittha Oer-Areemitr (Thailand)
Atikun Limsukon (Thailand)
Napplika Kongpolprom (Thailand)

Workshop 9: Therapeutic interventional pulmonology
13:30 - 17:30 Meeting Room 3&4

13:30 Use of rigid bronchoscope: open the airway and stenting
Thitiwat Sriprasart (Thailand)

14:00 How hot and cold technologies can help you?
Viboon Boonsarngsuk (Thailand)

14:30 Therapeutic thoracoscopy
Jamsak Tscheikuna (Thailand)

15:00 Coffee break

15:30 Bronchoscopic intervention for obstructive airway disease
Pyng Lee (Singapore)

16:00 Hands-on
Pyng Lee (Singapore)
Jamsak Tscheikuna (Thailand)
Viboon Boonsarngsuk (Thailand)
Viratch Tangsujaritvijit (Thailand)
Thitiwat Sriprasart (Thailand)
Supparerk Disayabutr (Thailand)
Workshop 10: Obstructive sleep apnea: how to expert in CPAP
13:30 - 17:30
Meeting Room 1&2

13:30  CPAP; past present and future
Brendon Yee (Australia)

14:00  CPAP treatment in pediatric obstructive sleep apnea; when and how
Albert Li (Hong Kong)

14:30  Residual sleepiness after CPAP, what is the next step?
Brendon Yee (Australia)

15:00  Coffee break

15:30  CPAP and beyond; hands on workshop
Pimon Rattanaumpawan (Thailand)
Visasiri Tantrakul (Thailand)
Nattapong Jaimchariyatam (Thailand)
Kanlaya Panjapornpon (Thailand)
Naricha Chirakalwasan (Thailand)
Prapun Kittivoravitkul (Thailand)

China Day at APSR
14:00 - 17:50
Board Room 2

Chair: Chunxue Bai (China)

14:00  Welcome
Chunxue Bai (China)

14:10  Evaluation of pulmonary nodules: clinical practice consensus guidelines for Asia and Chinese Medicine
Chunxue Bai (China)

14:50  Treatment of severe pneumonia with Chinese Herbs
Yuanlin Song (China)

15:20  Experience of Early Detection of Lung Cancer with LDCT in China
Zheng Xiangpeng (China)

15:50  ABSTRACT PRESENTATIONS:
Chair: Yuanlin Song (China)
Chair: Sawang Saenghirunvattana (Thailand)

16:00  The potential roles of uPAR and CFD in Ischemia-reperfusion Lung Injury
Jing Li (China)

16:05  Research on bionic microenvironment: TAM promote tumor angiogenesis through up-regulation of CYRAB expression in Human lung cancer cell
Zhang Lichuan (China)

16:10  Telocytes and lung injury
Yonghua Zheng (China)

16:15  A novel,simplified and efficient technique for airway metallic Y stent deployment
Shuliang Guo (China)

16:20  Activating transcription factor 3 (ATF3) Protects Against Pseudomonas aeruginosa-Induced Acute Lung Injury Via binding to LBP
Xueling Wu (China)

16:25  Interstitial Pneumonia Following Radioactive Iodine Of Thyroid Carcinoma
Li Gao (China)
16:30  The application of EBUS in the Bronchia Dieulafoy's disease  
Weizhong Jin (China)

ABSTRACT PRESENTATIONS: THAI PRESENTERS

16:35  A Comparison of Screening Methods for Primary Lung Cancer in a High-Risk Thai Population Using Low-Dose Computerized Tomography, Digital Tomosynthesis, and Chest Radiography  
Natthaya Triphuridet (Thailand)

16:40  Difficulty of Low Dose Computerized Tomography as a Lung Cancer Screening Tool in an Endemic Area of Tuberculosis  
Natthaya Triphuridet (Thailand)

16:45  Liquid biopsy for decision making of lung cancer resection  
Sawang Saenghirunvattana (Thailand)

LECTURE BY CHAIRPERSON OF CENTRAL CONGRESS COMMITTEE

16:50  APSR or Lung Cancer in Asia  
Kwun Fong (Australia)

ABSTRACT PRESENTATIONS: THAI PRESENTERS - CONTINUED

17:20  Electromagnetic navigation bronchoscopy to diagnose lung nodule in ASEAN population  
Sawang Saenghirunvattana (Thailand)

17:25  Serum CEA level predicting malignant nature in patients presented with lung nodule  
Kamon Kawkitinarong (Thailand)

17:30  Multimodality-guided transbronchial lung biopsy for the diagnosis of peripheral pulmonary nodules: a comparison between ultrathin bronchoscopy and electromagnetic navigation bronchoscopy  
Supparerk Disayabutr (Thailand)

17:35  Award from APSR China Day

Opening Ceremony
18:00 - 19:00  Plenary Hall 2

18:05  Opening remark by the Congress President of APSR 2016  
Sumalee Kiatboonsri (Thailand)

18:10  Opening remark by the President of TST  
Adisorn Wongsa (Thailand)

18:13  Opening remark by the President of the APSR  
Michiaki Mishima (Japan)

18:16  Opening remark by Chair of APSR Central Congress Committee  
Kwun Fong (Australia)

18:19  Opening remark by the President of the ATS  
David Gozal (USA)

18:21  Opening remark by the President of the ERS  
Jorgen Vestbo (United Kingdom)

18:24  Opening remark by President of the CHEST  
Gerard A. Silvestri (USA)

18:27  Award Ceremony: APSR Medal; Harasawa Research Award ; Woolcock Research Award

18:45  Grand Opening

Welcome Reception
19:00 - 20:00  Ballroom
Symbicort® SMART improves morning lung function more effectively than ICS/LABA combination!
SCIENTIFIC PROGRAM

Sunday, 13 November, 2016
SUNDAY, 13 NOVEMBER 2016

Presidential Lecture: COPD Up-date: Comorbidity and iPS (induced pluripotent stem) Cell Study
08:15 - 09:00
Plenary Hall 2

Chair: Sumalee Kiatboonsri (Thailand)
08:15 Michiaki Mishima (Japan)

Session 1A- COPD: Pulmonary rehabilitation in real practice: its feasibility, choice of exercise modalities, outcome and long-term maintenance
09:00 - 10:30
Plenary Hall 2

Chair: Michiaki Mishima (Japan)
Chair: Sumalee Kiatboonsri (Thailand)
09:00 The important role of pulmonary rehabilitation in chronic lung diseases
Jorgen Vestbo (United Kingdom)
09:30 Outcome and sustainability of pulmonary rehabilitation program
Jun Ueki (Japan)
10:00 Pulmonary rehabilitation: “You can do it”
Sumalee Kiatboonsri (Thailand)

Session 1B- Lung Cancer 1: Pulmonary intervention in lung cancer management
09:00 - 10:30
Plenary Hall 3

Chair: Chong King Liam (Malaysia)
Chair: Kreetha Thammakumpee (Thailand)
09:00 Mediastinal lymph node staging by EBUS and EUS
Masahide Oki (Japan)
09:30 Management of central airway obstruction
Wahju Aniwidyaningsih (Indonesia)
10:00 Management of malignant pleural effusion
Asma Navasakulpong (Thailand)

Session 1C- Respiratory Neurobiology and Sleep 1: Recent advances in sleep disordered breathing and health consequences
09:00 - 10:30
Ballroom

Chair: Kazuo Chin (Japan)
Chair: Naricha Chirakalwasan (Thailand)
09:00 Sleep apnea and cancer: epidemiological and biological evidence
David Gozal (USA)
09:30 Recent advance in coordination between breathing and swallowing
Yoshitaka Oku (Japan)
10:00 OSA and cardiovascular outcome, data from EGAT study
Visasiri Tantrakul (Thailand)

Coffee break
10:30 - 11:00
Exhibition
Session 2A- Environmental and Occupational Health and Epidemiology: Recent issues on occupational & environmental health in Asia Pacific region

11:00 - 12:30

Chair: Soon-Hee Jung (Republic of Korea)
Chair: Piamlarp Sangsayunh (Thailand)

11:00 **PM2.5, nanoparticle and lung diseases in Asia & Pacific**
Yasuo Morimoto (Japan)

11:30 **New marker for mesothelioma diagnosis**
Soon-Hee Jung (Republic of Korea)

12:00 **Environmental exposure to asbestos-like carcinogenic fiber in Turkey**
Muzaffer Metintas (Turkey)

Session 2B-Clinical and Respiratory Medicine 1: Presidential Case Discussion in Pulmonary & Critical Care Medicine- Panel discussants

11:00 - 12:30

Chair: Kwun Fong (Australia)
Chair: Adisorn Wongsa (Thailand)
ATS President
David Gozal (USA)
ERS President
Jorgen Vestbo (United Kingdom)
ACCP President
Gerard A Silvestri (USA)
APSR President
Michiaki Mishima (Japan)
Q & A

Session 2C-Paediatric Lung Disease 1: Non-invasive ventilation (NIV) in young children: is it possible?

11:00 - 12:30

Chair: Mark Elliott (United Kingdom)
Chair: Aroonwan Preutthipan (Thailand)

11:00 **NIV for acute respiratory condition – where is the evidence?**
Albert Li (Hong Kong)

11:30 **Is high-flow oxygen therapy the magic bullet?**
Andreas Schibler (Australia)

12:00 **Sending Children Home with NIV**
Aroonwan Preutthipan (Thailand)
Oral Presentation 1- Asthma: Improving asthma treatment
11:00 - 12:20
Board Room 2

Chair: Watchara Boonsawat (Thailand)
Chair: Viboon Boonsarngsuk (Thailand)

11:00 REAL-LIFE EFFECTS OF SWITCHING LABA/ICS DRY POWDER INHALERS TO FORMOTEROL/FLUTICASONE IN KOREAN ASTHMA PATIENTS: THE TRANSFFORM STUDY

11:10 EFFECTIVENESS AND SAFETY OF BRONCHIAL THERMOPLASTY IN JAPANESE PATIENTS WITH SEVERE UNCONTROLLED ASTHMA
M. IIKURA, S. ISHII, S. IZUMI, M. HOJO, H. SUGIYAMA (Japan)

11:20 OUTCOME OF TAI CHI QIGONG EXERCISE-BASED PULMONARY REHABILITATION IN ASTHMA

11:30 HOW EFFECTIVE ARE ORAL STEROIDS IN ASTHMA ACTION PLANS?
T.K. Lim, N. Said, J. Beevi, C.C. Gan, S.Y. Lee (Singapore)

11:40 PERSONALIZING ASThma TREATMENT BY ADDRESSING THE CO-MORBIDITIES: a MALAYSIAN SINGLE CENTRE PROSPECTIVE STUDY
N.Y. Mohd Esa, M.R. Isa, N. Nordin, A.N. Musa, M.A. Mohd Zim, A.I. Ismail (Malaysia)

11:50 EFFECT OF COSTIMULATORY SIGNAL BLOCKADE ON STEROID RESISTANT ASThma

12:00 EVALUATION OF ASTHMA CONTROL IN PRIMARY CARE USING ASTHMA CONTROL TEST AND PEAK EXPIRATORY FLOW RATE
C. Perera, S. Samaranayake (Sri Lanka)

12:10 THE REAL-WORLD EVIDENCE OF MEDICATION EFFECTS ON ASTHMA–CHRONIC OBSTRUCTIVE PULMONARY DISEASE OVERLAP SYNDROME: DATA FROM 374,903 PATIENTS
V.Y.F. Su, K.Y. Yang (Taiwan)

Oral Presentation 2- Bronchoscopy and Interventional Techniques: Diagnostic bronchoscopic practice
11:00 - 12:20
Board Room 3

Chair: Noriaki Kurimoto (Japan)
Chair: Anan Watanathum (Thailand)

11:00 A RETROSPECTIVE ANALYSIS OF FLEXIBLE BRONCHOSCOPY IN EVALUATION OF PULMONARY DISEASES IN CHILDREN WITH CONGENITAL CARDIOVASCULAR DISORDERS

11:10 THE EFFECTIVENESS OF INDUCED SPUTUM USING NEBULIZED HYPERTONIC SALINE IN NASOTRACHEAL ASPIRATION AMONG CHILDREN HOSPITALIZED WITH PNEUMONIA
H. Ho (Vietnam)
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<th>Authors</th>
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<tr>
<td>11:20</td>
<td>SEMI-RIGID THORACOSCOPIC PUNCH BIOPSY USING A HYBRID KNIFE WITH HIGH-</td>
<td>G. Hou, Y. Yin, R. Eberhardt, X. Wang, Q. Wang, J. Kang, F. Herth (China)</td>
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<td>PRESSURE WATER JET FOR THE DIAGNOSIS OF PLEURAL EFFUSIONS</td>
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<td>11:30</td>
<td>THE MANAGEMENT OF POST-INTUBATION SUBGLOTTIC STENOSIS WITH</td>
<td>F. Liu, J. Anxia (China)</td>
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<td>HOLMIUM LASER AND CRYOTHERAPY BY BRONCHOSCOPY IN CHILDREN</td>
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<td>11:40</td>
<td>DIRECT VISUALIZATION OF PULMONARY NODULES UNDER WATER IMMERSION</td>
<td>K. Morita (Japan)</td>
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<td>USING ULTRATHIN BRONCHOSCOPE</td>
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<td>11:50</td>
<td>DOING FIBEROPTIC FLEXIBLE BRONCHOSCOPY IN NEONATES</td>
<td>M.A. Moslehi (Iran)</td>
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<td>12:00</td>
<td>PATIENTS’ EXPERIENCES DURING BRONCHOSCOPY WITH “CAUTIOUS” SEDATION</td>
<td>C. Saxon, P. Fulbrook, K. Fong, C. Ski (Australia)</td>
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<td>AND ANALGESIA; A QUALITATIVE STUDY</td>
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<td>12:10</td>
<td>BRONCHOSCOPIC DIAGNOSIS AND TREATMENT OF PRIMARY</td>
<td>L. Wang, X. Lu, C. Qiong, H. Bixiu, H. Baiemei (China)</td>
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<td>TRACHEOBRONCHIAL AMYLOIDOSIS: A RETROSPECTIVE ANALYSIS FROM CHINA</td>
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**Oral Presentation 3- Cell and Molecular Biology + Asthma: Underlying science in respiratory medicine**

11:00 - 12:20  Board Room 4

Chair: Yasuhiro Yamauchi (Japan)  
Chair: Kitipong Maneecheetesuwan (Thailand)

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<tr>
<td>11:00</td>
<td>ALTERATION OF ADENOSINE DEAMINASE IN ASTHMATIC PATIENTS WITH SMALL</td>
<td>Y. Apichatbutr (Thailand)</td>
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<td>AIRWAY INVOLVEMENT</td>
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<td>11:10</td>
<td>THE EFFECT OF SIRT1 ON LPS-INDUCED ENDOTHELIAL BARRIER DYSFUNCTION</td>
<td>W. Jin (China)</td>
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<td>AND LUNG INJURY IN MICE</td>
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<td>11:20</td>
<td>ABNORMAL MICRORNAS EXPRESSION IN EPITHELIAL CELLS OF SEVERE</td>
<td>F. Moheimani, J. Koops, T. Williams, A.T. Reid, P.M. Hansbro, P.A. Wark, D.A. Knight (Australia)</td>
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<td></td>
<td>ASTHMATICS</td>
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<td>WITH MESENCHYMAL STEM CELLS, FIBROBLASTS, ALVEOLAR TYPE II CELLS,</td>
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<td>AIRWAY EPITHELIAL CELLS, AND LYMPHOCYTES</td>
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<td>11:50</td>
<td>INFLUENCE OF ELEMENE ON REGULATING PROLIFERATION OF HUMAN</td>
<td>Z. Zhu, Y. Zeng (China)</td>
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<td>PULMONARY MICROVASCULAR ENDOThelial CELLS AND HUMAN AIRWAY FIBROBLASTS</td>
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<tr>
<td>12:00</td>
<td>QUANTITATIVE ACETYL-PROTEOMIC STUDY ON ASTHMATIC MICE HIGHLIGHTS</td>
<td>R. Yuan, S. Xinming (China)</td>
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<td>THE LYSINE ACETYLATION’S SIGNIFICANCE IN ANTI-ASTHMA PROCESSES</td>
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<td>12:10</td>
<td>THYMOQUINONE ATTENUATES INFLAMMATION, NEOANGIOGENESIS AND REMODELING</td>
<td>L. Menglu (China)</td>
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<td>OF AIRWAY BLOOD VESSELS IN ASTHMA MICE</td>
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Oral Presentation 4- COPD: COPD: from bench to bedside
11:00 - 12:20

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<td>11:00</td>
<td>LEVELS OF HDAC2 AND SGRQ-C IN C AND D POPULATION COPD PATIENTS WITH INHALED ICS/LABA AND HISTORY OF SMOKING</td>
<td>S.H. Rahayu, T. Astuti, U. Agus Setyawan (Indonesia)</td>
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<td>EFFECT OF OPHIOCEPHALUS STRIATUS EXTRACT ON LEPTIN, ADIPONECTIN LEVEL AND CAT SCORE (COPD ASSESSMENT TEST) IN STABLE COPD PATIENT WITH MUSCLE WASTING</td>
<td>K. Widiasari, S. Djajalaksana, H. Al Rasyid (Indonesia)</td>
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<td>LEVELS OF LEPTIN, ADIPONECTIN SERUM AND SGRQ SCORE ON STABLE COPD PATIENTS WHO HAVE AND HAVE NO MUSCLE WASTING</td>
<td>A. Wijayanto, S. Djajalaksana, T. Rahayu Sartono, H. Al Rasyid (Indonesia)</td>
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<td>11:50</td>
<td>BUFEI YISHEN GRANULE DOWN-REGULATES NUCLEAR FACTOR-ΚB SIGNALING IN CIGARETTE-SMOKE EXTRACT INDUCED HUMAN PULMONARY FIBROBLAST CELLS</td>
<td>Y. Li, Y. Wang, Z. Wu, J. Mao, J. Li, Q. Bian, Y. Tian, S. Li, Y. Xie, J. Li (China)</td>
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<td>12:00</td>
<td>OBSERVATION OF THREE-DIMENSIONAL STRUCTURE REVEALS HYPOTHETICAL PATHOGENESIS OF PULMONARY EMPHYSEMA</td>
<td>A. Yoshikawa, S. Sato, T. Tanaka, H. Mikiko, Y. Kashima, T. Tsuchiya, N. Yamasaki, T. Nagayasu, J. Fukuoka (Japan)</td>
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<td>12:10</td>
<td>3D ORGANOTYPIC CULTURE FOR STUDYING ALVEOLOGENESIS AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE</td>
<td>J. Yu (Taiwan R.O.C.)</td>
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Poster Sessions 1-3 SEE POSTER SECTION

11:00-12:30

Lunch Symposium 1-Supported by Boehringer- Ingelheim - The Changing Landscape in IPF
12:30 - 13:30

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<td>12:30</td>
<td>IPF: the reality in Thailand and South-East Asia</td>
<td>Sumalee Kiatboonsri (Thailand)</td>
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<td>12:35</td>
<td>Clinical diagnosis of IPF: time to re-evaluate?</td>
<td>Toby Maher (United Kingdom)</td>
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<td>12:50</td>
<td>Managing IPF: facts and uncertainties</td>
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<td>Martin kolb (Canada)</td>
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<td>13:05</td>
<td>Considerations in the long-term management of IPF</td>
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<td>Michael Kreuter (Germany)</td>
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<td>13:20</td>
<td>Q&amp;A</td>
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<tr>
<td>13:25</td>
<td>Summary and conclusions</td>
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<td>Martin Kolb (Canada)</td>
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**Lunch Symposium 2- Supported by MundiPharma - Improving outcomes in Asthma: From treatment to Digital Health!**

12:30 - 13:30  Meeting Room 3&4

- Chair: Chanchai Sittipunt (Thailand)

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<tr>
<td>12:30</td>
<td>Preventing Exacerbations in Asthma- The evidence on ICS/LABAs from RCTs and Real World</td>
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<td>David Price (United Kingdom)</td>
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<td>12:50</td>
<td>Connected medicine, what is the role for e-health in Asthma?</td>
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<td>Omar S. Usmani (United Kingdom)</td>
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<td>13:10</td>
<td>m-health in Respiratory Medicine: what an (h)app(y) idea!</td>
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<td>Christopher Chen (Singapore)</td>
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<td>13:20</td>
<td>Panel Discussion and Q&amp;A</td>
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**Session 3A- Clinical and Respiratory Medicine 2: Smoking and tobacco**

13:30 - 15:00  Plenary Hall 2

- Chair: Chanchai Sittipunt (Thailand)
- Chair: Suthat Rungruanghiranya (Thailand)

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<tr>
<td>13:30</td>
<td>Tobacco world map and effective tobacco control policies</td>
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<td>Kristin Carson (Australia)</td>
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<td>14:00</td>
<td>E-cigarettes update</td>
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<td>Laura Feemster (USA)</td>
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<td>14:30</td>
<td>Setting up a successful smoking cessation program</td>
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<td>Suthat Rungruanghiranya (Thailand)</td>
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**Session 3B- Critical Care Medicine 1: ECMO: the essentials**

13:30 - 15:00  Plenary Hall 3

- Chair: Marc Moss (USA)
- Chair: Pongdhep Theerawit (Thailand)

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<tr>
<td>13:30</td>
<td>VA ECMO</td>
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<td>Marc Moss (USA)</td>
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<td>14:00</td>
<td>Monitoring during V-V ECMO</td>
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<td>Adisorn Wongsa (Thailand)</td>
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<td>14:30</td>
<td>E-CPR</td>
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<td>Yih Sharng Chen (Taiwan)</td>
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</table>
Session 3C- Tuberculosis 1: Treatment of LTBI: does it really work in Asia-Pacific region
13:30 - 15:00
Ballroom

Chair: Charles Yu (Philippines)
Chair: Chalerm Liwsrisakun (Thailand)

13:30 Treatment of LTBI: WHO perspective
Yohhei Hamada (Switzerland)

14:00 Current situation of LTBI treatment in Asia-Pacific countries
Charles Yu (Philippines)

14:30 Advance in diagnosis and treatment of LTBI
Charoen Chuchottaworn (Thailand)

Oral Presentation 5- COPD: Topics in COPD management
13:30 - 14:50
Board Room 2

Chair: Diahn-Warn Perng (Taiwan)
Chair: Visit Udompanich (Thailand)

13:30 COMPARISON OF PRESENTING CLINICAL SYMPTOMS AND OUTCOMES OF ISCHEMIC HEART DISEASE PATIENTS ADMITTED TO CORONARY CARE UNIT WITH AND WITHOUT CHRONIC OBSTRUCTIVE PULMONARY DISEASE
S. Ashraf, A. Ashraf, M. Zaman (Pakistan)

13:40 FACTORS AFFECTING MORTALITY IN ACUTE EXACERBATIONS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE
M. Madan, S.K. Chhabra (India)

13:50 SMOKING BEHAVIOURS AND IT’S CHARACTERISTICS AMONG COPD PATIENTS IN PERSAHABATAN HOSPITAL JAKARTA
W. Pandu Ariawan, F. Yunus (Indonesia)

14:00 CLINICAL FEATURES OF ANEMIC COPD

14:10 THE UTILITY OF GOLD’S COPD SCREENING QUESTIONNAIRE IN THE COMMUNITY
Q. Vu Tran Thien, L. Thi Tuyet Lan (Vietnam)

14:20 CIGARETTE SMOKE INDUCED MULTIPLE INFLAMMASOME ACTIVATION AND ANTI-INFLAMMATORY EFFECTS OF S1P AND FTY720 SUGGEST NOVEL TARGETS IN COPD

14:30 EFFICACY AND SAFETY OF LONG-ACTING BETA AGONISTS + LONG ACTING MUSCARINIC ANTAGONISTS VS. LONG-ACTING BETA AGONISTS + INHALED CORTICOSTEROIDS IN COPD: A META-ANALYSIS
R.E. Villalobos, A. David-Wang, J. Magallanes (Philippines)

14:40 EFFECTS OF COMBINED CYCLE ERGOMETER AND INSPIRATORY MUSCLE TRAINING IN PATIENTS WITH STABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE
L. Yuwen, L. Peng, L. Yun, C. Yitai, H. Yuxia, W. Kai, X. Chen (China)
Oral Presentation 6- Respiratory Infections (non-tuberculous) + Bronchoscopy and Interventional Techniques: Topics in lung infection 1
13:30 - 14:50 Board Room 3

Chair: Yi Wen Huang (Taiwan)
Chair: Kittima Bangpattanasiri (Thailand)

13:30 INTRAPLEURAL STREPTOKINASE AS A FIBRINOLYTIC IN PARAPNEUMONIC EFFUSIONS
N. MOHD JAFAAR, K.N. MOHD HIRMIZI, L.D. Zainudin, M.A. MOHD ZIM, A.I. ISMAIL, M.F. ABDUL RANI (Malaysia)

13:40 TESTING OF MUTATION IN BORDETELLA PERTUSSIS TO EVALUATE RESISTANCE TO MACROLIDE IN OKINAWA, JAPAN
S. Nahar, T. Kinjo, G. Parrott, D. Nabeya, J. Fujita (Japan)

13:50 LONG-TERM PREDICTORS OF DEATH FROM PNEUMONIA IN A GENERAL JAPANESE POPULATION: NIPPON DATA80

14:00 ETIIOLOGICAL ANALYSIS AND EPIDEMIOLOGICAL COMPARISON AMONG ADULT CAP AND NHCPATIENTS IN OKINAWA, JAPAN

14:10 ASSOCIATED FACTORS INFLUENCING THE MORTALITY OF INFLUENZA AMONG REFERRED PATIENTS
T. Sewatanon, A. Jutiviboonsuk (Thailand)

14:20 THE STUDY OF RELATIONSHIP BETWEEN THE EXPRESSION OF IFN-Λ 1 AND RESPIRATORY TRACT PATHOGEN
Z. Lili, L. Shuping, H. Xian (China)

14:30 THE EVALUATION OF COAGULATION PARAMETERS FOR ASSESSING SEVERITY OF COMMUNITY-ACQUIRED PNEUMONIA
Y. Zhao, W. Chong (China)

14:40 CLINICAL EXPERIENCE WITH PULMONARY NOCARDIOSIS AND ITS COMPARATIVE ANALYSIS IN IMMUNOCOMPROMISED AND IMMUNOCOMPETENT PATIENTS
K. Aziz, M. Kazmi, S. Sarwar (Pakistan)

Oral Presentation 7- Clinical Allergy and Immunology + Interstitial Lung Disease: Interstitial lung disease revisited
13:30 - 14:50 Board Room 4

Chair: Masahito Ebina (Japan)
Chair: Supparerk Disayabutr (Thailand)

13:30 INTER-OBSERVER AGREEMENT OF USUAL INTERSTITIAL PNEUMONIA DIAGNOSIS CORRELATED WITH PATIENT OUTCOME

13:40 THE CUT OFF VALUE OF SERUM KL-6 LEVEL FOR DISCRIMINATION OF AUTOIMMUNE PULMONARY ALVEOLAR PROTEINOSIS AND INTERSTITIAL PNEUMONIA
E. Yamaguchi, A. Takahashi, N. Yokoe, K. Kosaka, A. Matsubara, M. Nishimura, H. Tanaka, A. Kubo (Japan)
A RARE CASE OF PULMONARY ALVEOLAR PROTEINOSIS
C. BUNPAUL, V. IM, S. CHAN (Cambodia)

IDIOPATHIC INTERSTITIAL PNEUMONIAS: THE ROLES OF SERIAL MULTIDISCIPLINARY DISCUSSIONS

SURFACTANT PROTEIN-D LEVEL AS A PREDICTOR OF PROGNOSIS OF INTERSTITIAL LUNG DISEASE INDUCED BY ANTICANCER AGENTS IN ADVANCED LUNG CANCER

PREDICTION OF THE EXACERBATION OF INTERSTITIAL PNEUMONITIS DURING CHEMORADIOThERAPY BY PET-CT AT THE DIAGNOSIS OF LUNG CANCER
H. Ohnishi, M. Takaoka, S. Akita, M. Sakai, T. Kubota, A. Yokoyama (Japan)

SHORT-TERM SAFETY OF NINTEDANIB IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS

PRELIMINARY CONSTRUCTION OF CONCEPTUAL FRAMEWORK FOR IDIOPATHIC PULMONARY FIBROSIS PATIENT-REPORTED OUTCOME SCALE BASED ON THE COMBINATION OF DISEASE AND SYNDROME THEORY
Y. Xie, J. Wang, H. Zhao, H. Li, J. Li (China)

PULMONARY ARTERIAL HYPERTENSION IS ASSOCIATED WITH REDUCED VASCULOGENESIS BUT NOT REMODELLING OR INCREASED VASCULAR REACTIVITY IN A MOUSE MODEL OF BRONCHOPULMONARY DYSPLASIA
J.E. Bourke, E. Lamanna, C. Bui, S.G. Royce, J. Pearson, M. Kroon, M. Nold, C. Nold (Australia)

A NOVEL SURFACTANT PROTEIN C MUTATION RESULTING IN ABERRANT PROTEIN PROCESSING AND ALTERED SUBCELLULAR LOCALIZATION CAUSES PEDIATRIC INTERSTITIAL LUNG DISEASE
L. Liu, D. Hong, Y. Qi, H. Wang, J. Liu, L. Qian (China)

ETIOLOGY AND CLINICAL CHARACTERISTIC OF SPASTIC COUGH IN HUNAN’S CHILDREN
Y. Luo, L. Zhong, Y. Cao, L. Xie, M. Wang, H. Han, G. Zhou, Y. Huang, P. Jiang, H. Huang (China)

CLINICAL CHARACTERISTICS AND LUNG FUNCTION IN HOSPITALIZED INFANTS WITH WHEEZING LOWER RESPIRATORY TRACT INFECTIONS IN CHINA
L. Liu, L. Qian, Z. Xiaobo (China)

RESPIRATORY FEATURES OF CHILDREN WITH ANTINEUTROPHIL CYTOPLASMIC ANTIBODY-ASSOCIATED VASCULITIS
X. Zhang, C. Zhang, W. LiBo (China)

SUDDEN ONSET OF TACHYPNEA IN A NEWBORN: A THERAPEUTIC DILEMMA
W. Enriquez (Philippines)
14:30  A FOREIGN BODY IN THE THORACIC CAVITY: A CASE REPORT

Poster Sessions 4-6 SEE POSTER SECTION
13:30-15:00  Atrium

Coffee break
15:00 - 15:30  Exhibition

Afternoon Symposium 1- Supported by SM-Zambon - New challenges in COPD Management
15:30 - 16:30  Ballroom

Chair: Chanchai Sittipunt (Thailand)
15:30  Patient profile: from bedside to guidelines
       Wen Fu-Qiang (China)
15:55  Oxidation pathway and exacerbations: the role of N-Acetylcysteine
       Alberto Papi (Italy)
16:20  Q&A and Concluding remarks

Afternoon Symposium 2- Supported by Boston Scientific - Bronchial Thermoplasty: What have we learned?
15:30 - 16:30  Meeting Room 1&2

Chair: Thitiwat Sriprasart (Thailand)
15:30  Introduction
       Thitiwat Sriprasart (Thailand)
15:35  Bronchial Thermoplasty: What have we learned?
       D. Kyle Hogarth (USA)
16:20  Q&A

Afternoon Symposium 3- Supported by Novartis - Latest Evidence in Exacerbation Prevention in COPD
15:30 - 16:30  Meeting Room 3&4

Chair: David Price (Singapore)
15:30  Welcome and Introduction
       David Price (Singapore)
15:35  Goals of COPD Management: Do current treatments effectively reduce the risk of exacerbations
       Chin Kook Rhee (Republic of Korea)
15:50  Implications of FLAME on patient treatment and current guidelines
       Jadwiga Wedzicha (United Kingdom)
16:10  Expert discussion and audience Q&A
       David Price (Singapore)
16:25  Future insights: Chair's conclusion and close
       David Price (Singapore)
Session 4A-Pulmonary circulation: Pulmonary circulation
16:30 - 18:00

Plenary Hall 2

Chair: Nobuhiro Tanabe (Japan) 268
Chair: Suree Sompradeekul (Thailand) 269

16:30 **Acute pulmonary embolism: diagnostic algorithm and management**
Suree Sompradeekul (Thailand) 270

17:00 **What is CTEPH? is it the sequel of acute pulmonary embolism?**
Masayuki Hanaoka (Japan) 271

17:30 **Surgical and non-surgical treatment of CTEPH**
Nobuhiro Tanabe (Japan) 272

Session 4B- Critical Care Medicine 2: Low tidal volume, stress and strain or driving pressure in ARDS
16:30 - 18:00

Plenary Hall 3

Chair: John Marini (USA) 273
Chair: Adisorn Wongsa (Thailand) 274

16:30 **Low tidal volume**
Yuanlin Song (China) 275

17:00 **Stress and strain**
John Marini (USA) 276

17:30 **Driving pressure**
Diederik Gommers (The Netherlands) 277

Session 4C- Interstitial Lung Disease 1: Effective treatment of IPF
16:30 - 18:00

Ballroom

Chair: Martin Kolb (Canada) 278
Chair: Kamon Kawkitinarong (Thailand) 279

16:30 **Idiopathic pulmonary fibrosis: practice in the real life**
Kamon Kawkitinarong (Thailand) 280

17:00 **Effective medical treatment of IPF (pirfenidone and nintedanib)**
Martin Kolb (Canada) 281

17:30 **Acute exacerbation of IPF, the new strategy upon its pathogenesis**
Masahito Ebina (Japan) 282

Oral Presentation 9-Tuberculosis: Tuberculosis and host
16:30 - 17:40

Board Room 2

Chair: Charles Yu (Philippines) 284
Chair: Charoen Chuchottaworn (Thailand) 283

16:30 **VITAMIN D STATUS IN MULTIDRUG RESISTENT TUBERCULOSIS PATIENTS COMPARED TO PULMONARY TUBERCULOSIS PATIENTS AND HEALTHY CONTROLS IN MEDAN CITY, INDONESIA**
H. Hutagaol, B.Y.M. Sinaga, E. Mutiara, W. Rahardjo (Indonesia) 285
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<td>STATUS OF VITAMIN D IN PATIENT PULMONARY TUBERCULOSIS-TYPE 2 DIABETES MELLITUS COMPARED WITH PULMONARY TUBERCULOSIS PATIENT AND HEALTHY CONTROLS IN MEDAN CITY, INDONESIA.</td>
<td>B.B. Irwandi, B.Y.M. Sinaga, P. Siagian, S. Syafril, P.C. Eyanoer (Indonesia)</td>
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<td>16:50</td>
<td>RELATIONSHIP OF RADIOGRAPHIC MANIFESTATIONS OF TUBERCULOSIS IN DIABETIC PATIENTS AND HBA1C LEVELS</td>
<td>D.J. Layali (Indonesia)</td>
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<td>17:00</td>
<td>THE ASSOCIATION OF VITAMIN D RECEPTOR GENE FOKI POLYMORPHISM AND VITAMIN D LEVELS WITH PULMONARY TUBERCULOSIS IN MEDAN CITY, INDONESIA</td>
<td>D.O. Marpaung, B.Y.M. Sinaga, P. Siagian (Indonesia)</td>
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<td>17:10</td>
<td>FOKI POLYMORPHISM OF VITAMIN D RECEPTOR GENE AND ASSOCIATION WITH SUSCEPTIBILITY TO MULTI DRUG RESISTANT TUBERCULOSIS IN MEDAN CITY, INDONESIA</td>
<td>B.Y.M. Sinaga, Z. Amir (Indonesia)</td>
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<td>17:20</td>
<td>DETERMINING THE EFFICACY OF SERUM NEUTROPHIL – LYMPHOCYTE RATIO (NLR) IN PATIENTS WITH PULMONARY TUBERCULOSIS</td>
<td>D.E. Sormin (Indonesia)</td>
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<td>17:30</td>
<td>INFLUENCES OF HEMOGLOBIN A1C TOWARDS SPUTUM ACID BACILLI SMEAR CONVERSION TIME AND CLINICAL SYMPTOMS IN PATIENTS WITH PULMONARY TUBERCULOSIS</td>
<td>D. Wijaya, R. Ratnawati, E. Burhan (Indonesia)</td>
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Oral Presentation 10- COPD: Causes and comparison among COPD patients

16:30 - 17:40 Board Room 3

Chair: Jun Ueki (Japan)
Chair: Chanchai Sittipunt (Thailand)

16:30 A SMART MOBILE-PHONE BASED SYSTEM TO ASSIST IN THE DIAGNOSIS OF COPD PATIENTS
P.D. Deshpande, R. Vempada, A. Sinharay (India)

16:40 COPD BEING DIAGNOSED IN LUNG CANCER PATIENTS WITH THORACIC OPERATION
W. Guifang (China)

16:50 INCIDENCE OF PNEUMONIA AMONG CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS ON INHALED CORTICOSTEROIDS ADMITTED AT PERPETUAL SUCCOUR HOSPITAL FROM JANUARY 1, 2010 TO DECEMBER 31, 2012
M.A. Letigio-Uy, J.C. Aranas (Philippines)

17:00 COST AND UTILIZATION OF COPD MEDICATION IN KOREA
C.K. Rhee, J.A. Kim, J. Lee, H.K. Yoon (Republic of Korea)

17:10 FACTORS ASSOCIATED WITH DEVELOPMENT OF CORPULMONALE IN COPD
C. S K, J. B S, M. M, L. K S, M. P A (India)

17:20 COMPARATIVE STUDY OF EFFICACY, SELF-REPORTED SIDE EFFECTS AND PATIENT PREFERENCE ON TIOTRAPIUM, GLYCOPYRRONIUM AND IPTRATROPIUM IN THE TREATMENT OF COPD
W. Wai Mui, C.H. Chau, C.F. Wong, T.W.D. Lui (Hong Kong S.A.R.)

17:30 PRODUCTIVE COUGH AS A PREDICTOR OF MORTALITY, EXACERBATIONS AND CARDIAC EVENTS IN THE TIOSPIR® TRIAL
L. McGarvey, P.M. Calverley, N. Metzdorf, A. Mueller, R.A. Wise, A. Anzueto, D. Dusser (United Kindom)
Oral Presentation 11- Lung cancer: Understand basic and clinical 1
16:30 - 17:40 Board Room 4

Chair: Chong King Liam (Malaysia)
Chair: Kreetha Thammakumpee (Thailand)

16:30 EPIDERMAL GROWTH FACTOR RECEPTOR MUTATION STATUS ON RESPONSE TO FIRST-LINE CYTOTOXIC CHEMOTHERAPY IN ADVANCED LUNG ADENOCARCINOMA
C.S. Chai, C.K. Lian, Y.K. Pang, K.S. Kow, C.K. Wong, M.E. Poh, J.L. Tan (Malaysia)

16:40 MIR-26A DESENSITIZES NON-SMALL CELL LUNG CANCER CELLS TO TYROSINE KINASE INHIBITORS BY TARGETING PTPN13
Z. Ning, S. Li, S. Xu, T. Wang, Z. Yang, Y. Li (China)

16:50 LUNG ADENOCARCINOMA DEVELOPMENT WITH EXCLUSIVE DEPENDENCE ON ONCOGENE FUSIONS
M. Saito, S. Takenoshita, J. Yokota, T. Kohno (Japan)

17:00 ANAPLASTIC LYMPHOMA KINASE GENE REARRANGEMENT IN MALAYSIAN PATIENTS WITH EGFR WILD TYPE LUNG ADENOCARCINOMA
N. Mohamad, J.L. Tan, J. Pailoor, P. Rajadurai, C.K. Lian (Malaysia)

17:10 THE RELATIONSHIP BETWEEN SERUM CARCINOEMBRYONIC ANTIGEN (CEA) AND ENDOTHelial GROWTH FACTOR RECEPTOR (EGFR) MUTATIONS IN LUNG ADENOCARCINOMA PATIENTS.
N. Wati, S.D. Pratiwi, N. Setijowati (Indonesia)

17:20 SINGLE - INTERCOSTAL TWO-PORT VIDEO-ASSISTED THORACOSCOPIC LOBECTOMY AND SEGMENTECTOMY: INITIAL EXPERIENCE WITH 200 CASES AND ASSESSMENT OF CHRONIC PAIN
G. Zhao, M. Yang, X. Xu, J. Ni, C. Dong, Z. Zeng, J. Li (China)

17:30 PROFILING OF EGFR POSITIVE MUTATION LUNG ADENOCARCINOMA IN A MALAYSIAN TERTIARY CENTRE: A PRELIMINARY DATA
N.Y. Mohd Esa, A.N. Musa, M.R. Isa, N. Nordin, M.A. Mohd Zim, A.I. Ismail (Malaysia)

Oral Presentation 12- Clinical Respiratory Medicine + Pulmonary Circulation + Respiratory Structure and Function: Advanced in pulmonary laboratory
16:30 - 17:50 Board Room 5

Chair: Yoshitaka Oku (Japan)
Chair: Benjamas Chuaychoo (Thailand)

16:30 SPIROMETRY REFERENCE NORMS FOR 13-14 YEAR OLD SRI LANKAN CHILDREN

16:40 EFFECTIVENESS OF CLARITHROMYCIN IN PATIENTS WITH YELLOW NAIL SYNDROME

16:50 DIAGNOSTIC ACCURACY OF REVERSED HALO SIGN WITH SPECIFIC CRITERIA ON SPIRAL CHEST COMPUTED TOMOGRAPHY TO PREDICT PULMONARY INFARCTION.
A. Ghaffari anvar, S. Kahkouee, T. Faghihi langerudi (Iran)

17:00 REFERENCE DATA FOR BABYBODY PLETHYSMOGRAPHIC MEASUREMENTS IN CHINESE CHILDREN UNDER 2 YEARS OLD
G. Jiang, X. Zhang, L. Wang, L. Qian (China)
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<td>17:10</td>
<td>REFERENCE VALUES OF IMPULSE OSCILLOMETRY IN HEALTHY PRESCHOOL CHILDREN FROM SOUTHEAST CHINA</td>
<td>Y. Shi (China)</td>
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<td>17:20</td>
<td>REPLICABLE CLINICAN DECISION METHODS WITH DETAILED COMPUTER PROTOCOLS PROVIDE PERSONAILZED CARE INSTRUCTIONS</td>
<td>A. Morris, K.H. Lee, J. Orme (USA)</td>
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<td>17:30</td>
<td>HUMAN COGNITIVE LIMITATIONS PREVENT PHYSICIANS FROM REACHING THEIR CLINICAL PRACTICE GOALS</td>
<td>A. Morris, K.H. Lee, J. Orme (USA)</td>
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<td>17:40</td>
<td>A RARE CASE OF RIGHT THORACIC ENDOMETRIOSIS RELATED PNEUMOTHORAX IN A PATIENT WITH BIRT-HOGG-DUBE SYNDROME</td>
<td>T. Mizobuchi, M. Wakabayashi, S. Yamanaka, M. Kurihara (Japan)</td>
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Poster Sessions 7-9 SEE POSTER SECTION

16:30-18:00 Atrium
Fluticasone Furoate/Vilanterol: Personalising and Simplifying Treatment for Asthma and COPD

Monday 14th November 2016: 12:30-13:30 Lunch Symposium 5 -Supported by GSK Room MR 1 & 2

Agenda

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<td>12:30-12:35</td>
<td>Welcome &amp; Introduction</td>
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<td>12:35-12:55</td>
<td>The impact of 24 hour continuous efficacy in asthma: FF/VI, a new treatment choice</td>
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<td>12:55-13:20</td>
<td>From efficacy in COPD trials to effectiveness in routine practice</td>
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<td>13:20-13:30</td>
<td>Q&amp;A and close</td>
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Professor Paul Jones  Global Medical Expert GSK, St George’s, University of London, UK

Professor Paul Jones, PhD, FRCP, FERS is a world renowned expert in Chronic Obstructive Pulmonary Disease (COPD). His PhD was in the control of breathing, but he then moved into symptom measurement. He developed the St George’s Respiratory Questionnaire (SGRQ), the Chronic Obstructive Pulmonary Disease Assessment Test (CAT) and the EXACT exacerbation diary card, among others. Paul’s current research concerns the effect of COPD on cognitive function and brain structure and function. Before his appointment as Global Medical Expert for the Global Respiratory Franchise at GSK in August 2015 he was Professor of Respiratory Medicine at St George’s, University of London in London, UK and honorary consultant physician, St George’s University Hospitals NHS Foundation. He has been involved in many clinical trials, particularly in COPD, and was on the Steering Groups of both SOLDE and TORCH. He established the Cochrane Airways Review Group and was its first Coordinating Editor. He is the Co-editor of the Clinical Respiratory Journal and Associate Editor of the Journal of the COPD Foundation and on the Editorial Board of Chest. He sat on the BTS/SIGN Asthma Steering Group and until joining GSK was a longstanding member of the Global Initiative for Chronic Disease (GOLD) Science Committee and the GOLD Board of Directors. His management experience includes being R&D Director and Medical Director of St George’s, Head of the Division of Clinical Science at St George’s, University of London and Chair of the London (South) Comprehensive Local Research Network.

Professor Neil Barnes  Medical Head of the Global Respiratory Franchise at GSK

Professor Neil Barnes is Medical Head of the Global Respiratory Franchise at GSK. Until October 2013 he was Consultant Respiratory Physician at London Chest Hospital, Barts Health NHS Trust and Professor of Respiratory Medicine at Barts and the London School of Medicine and Dentistry, London, UK. He was joint R&D Director at Barts and the London School of Medicine and Dentistry from 2005-2009. Professor Barnes trained at Cambridge University and Westminster Medical School. He specialised in respiratory medicine at King’s College Hospital and the London Chest Hospital. His main clinical and research interests are in asthma, in particular, severe and difficult asthma and COPD. His research focuses on the mechanisms and pharmacology of asthma and COPD and clinical trial design and interpretation. Professor Barnes has given invited lectures at most of the major respiratory meetings worldwide. He has served as Associate Editor for Thorax and has been a reviewer for a wide range of general and respiratory journals and has published over 250 peer-review papers, book chapters, editorials and reviews.
SCIENTIFIC PROGRAM

Monday, 14 November, 2016
MONDAY, 14 NOVEMBER 2016
Memorial Lecture: Ann Janet Woolcock Research Award
08:00 - 09:00

Chair: Watchara Boonsawat (Thailand)
08:00 Asthma - Lessons learned from pathophysiology to imaging studies
Makoto Hoshino (Japan)

Session 5A - Lung Cancer 2: Treatment of advance stage lung cancer
09:00 - 10:30

Chair: Gerard A Silvestri (USA)
Chair: Jamsak Tscheikuna (Thailand)
09:00 Chemotherapy
Sumitra Thongprasert (Thailand)
09:30 Targeted therapy
Chong Kin Liam (Malaysia)
10:00 Immunotherapy
Gerard A Silvestri (USA)

Session 5B- Respiratory Structure and Function: Small airway diseases
09:00 - 10:30

Chair: Yasutaka Nakano (Japan)
Chair: Benjamas Chuaychoo (Thailand)
09:00 Small airway diseases in clinical practices
Benjamas Chuaychoo (Thailand)
09:30 Radiological manifestations in small airway diseases
Yasutaka Nakano (Japan)
10:00 Pulmonary function test in small airway diseases
Hajime Kurosawa (Japan)

Session 5C - Respiratory Neurobiology and Sleep 2: Update in obesity, weight change, and sleep-disordered breathing
09:00 - 10:30

Chair: Ning-Hung Chen (Taiwan R.O.C.)
Chair: Visasiri Tantrakul (Thailand)
09:00 Systemic diseases with and without OSA including body weight changes following CPAP treatment
Kazuo Chin (Japan)
09:30 OSA in bariatric population; current evidence among Asians
Naricha Chirakalwasan (Thailand)
10:00 New devices and modalities in management of obesity hypoventilation syndrome
Brandon Yee (Australia)
Oral Presentation 13- Asthma: Basic science
09:00 - 10:20

Board Room 2

Chair: Shu Hashimoto (Japan)
Chair: Siwasak Juthong (Thailand)

09:00 EFFECTIVE RELATED BIOMARKERS IN ASTHMA AND ENVIRONMENT
H. Yu, Z. Zhang, X. Wang, J. Guo, J. Luo (China)

09:10 MECHANISM OF PERIOSTIN PRODUCTION IN BRONCHIAL SMOOTH MUSCLE CELLS

09:20 IMPACT OF ILC2 CELLS AND TH2 CYTOKINES IN CHRONIC RHINOSINUSITIS ON PATIENTS WITH SEVERE ASTHMA

09:30 ANTI-IGE MAB TREATMENT DECREASED IL-1Β AND IRISIN BUT INCREASED CHEMERIN WITHOUT ANY IMPACT ON NK CELLS AND APC CELLS IN CASES OF SEVERE PERSISTENT ASTHMA
A.D. Yalcin, T. Bulut, B. Celik, G.E. Genc, S. Gumuslu (Turkey)

09:40 THERAPEUTIC EFFECTS OF HISTONE DEACETYLASE INHIBITORS IN A MURINE ASThma MODEL
R. Yuan (China)

09:50 STEREOSELECTIVITY OF TRADINTEROL'S INHIBITION ON PROLIFERATION OF AIRWAY SMOOTH MUSCLE CELLS INDUCED BY ACETYLCOLINE THROUGH SUPPRESSING CA²⁺ SIGNALING
X. Song, Y. Zhang, H. Wang, W. Huimin, C. Zhao, Y. Lan, L. Pan, C. Zhang, M. Cheng (China)

10:00 INHIBITION OF SPFF ON THE PROLIFERATION OF RAT ASM CELLS INDUCED BY PDGF THROUGH [CA²⁺]/STIM1/ORAI1 PATHWAY

10:10 THE SENSITIZATION OF DIFFERENT FUNGUS AND CORRELATION ANALYSIS OF SIEG LEVEL OF ASPERGILLUS FUMIGATUS SENSITIZED RESPIRATORY DISEASE PATIENTS
H. Hu, S. Baoqing, L. Wenting

Oral Presentation 14 - Respiratory Infections (non-tuberculous): Topics in lung infection 2
09:00 - 10:00

Board Room 3

Chair: Gee Young Suh (Korea)
Chair: Athavudh Deesomchok (Thailand)

09:00 EXPERIMENTAL STUDIES ON TRACHEAL EPITHELIAL CELLS IN VITRO BY NON-TYPEABLE HAEMOPHILUS INFLUENZAE
W. Guifang (China)

09:10 PHENOTYPE CHARACTERIZATION OF NON CYSTIC FIBROSIS BRONCHIECTIS IN INDIA: BASELINE DATA FROM INDIAN BRONCHIECTASIS REGISTRY.
09:20 THE STUDY OF FACTORS ASSOCIATED WITH HOSPITAL ADMISSIONS IN BRONCHIECTASIS
D. R. U. Devaraj, P. Ramachandran, U. Maheswari, G. D’Souza (India)

09:30 THE EXISTENCE OF PSEUDOMONAS AERUGINOSA ISOLATION WAS ASSOCIATED WITH WORSE PROGNOSIS IN BRONCHIECTASIS
H. Wang, X.B. Ji, B. Mao (China)

09:40 DIFFERENT FACES OF LUNG ACTINOMYCOSIS
A.N. Musa, A.I. Ismail, M.A. Mohd Zim, N.Y. Mohd Esa (Malaysia)

09:50 INVASIVE PULMONARY ASPERGILLOSI S, BRONCHOPLEURAL FISTULA AND EMPYEMA AFTER LOBECTOMY FOR ASPERGILLOSIS 10 YEARS BEFORE J. Meng (China)

Oral Presentation 15- Clinical Respiratory Medicine: Treatment of uncommon pulmonary disease
09:00 - 10:20 Board Room 4

Chair: Nobuaki Miyahara (Japan)
Chair: Anakapong Phunmanee (Thailand)

09:00 CHARACTERISTICS OF SECONDARY PULMONARY ALVEOLAR PROTEINOSIS COMPLICATED WITH MYELODYSPLASTIC SYNDROME IN JAPAN: FOLLOW-UP REPORT (KAKEN26305028/AMED:H28-063)
H. Ishii, R. Tazawa, T. Saraya, Y. Inoue, K. Nakata (Japan)

09:10 THE APPLICATION OF EBUS IN THE BRONCHI DIEULAFOY’S DISEASE
W. Jin (China)

09:20 ANTI-GM-CSF/HLA CLASS II COMPLEX AUTOANTIBODY IN AUTOIMMUNE PULMONARY ALVEOLAR PROTEINOSIS

09:30 A CASE OF BRONCHIAL PYOGENIC GRANULOMA TREATED SUCCESSFULLY WITH AFTERLOADER RADIOTHERAPY
Y.P. Li, J.S. Ouyang, K.Y. Yang, M. Ye, X.L. Tian, C.S. Chen (China)

09:40 COVERING TECHNIQUE WITH ABSORBABLE CELLULOSE MESH FOR RECURRENT AND REFRACTORY PNEUMOTHORAX IN PATIENTS OF BIRT-HOGG-DUBE SYNDROME
T. Mizobuchi, M. Kurihara, S. Yamanaka, H. Ebana, K. Seyama (Japan)

09:50 SEQUENTIAL GM-CSF INHALATION ENCOURAGES THE EFFICIENCY OF WHOLE LUNG LAVAGE TO TREAT AUTO-IMMUNE PULMONARY ALVEOLAR PROTEINOSIS

10:00 STUDY OF THE PATIENTS UNDER TREATMENT OF RESPIRATORY DISORDERS THAT WERE COMPLICATED WITH MEDIASTINAL EMPHYSEMA

10:10 A LESSON FROM A CASE: RECURRENCE OF PULMONARY ALVEOLAR PROTEINOSIS AFTER BILATERAL LUNG TRANSPLANTATION IN A PATIENT WITH A NON-SENSE MUTATION IN CSF2RB
Oral Presentation 16 - COPD: Improving management in COPD
09:00 - 10:20
Board Room 5

Chair: Jun Ueki (Japan)
Chair: Chaicharn Pothirat (Thailand)

09:00 EFFECTS OF CONTINUOUS POSITIVE AIRWAY PRESSURE ON RESPIRATORY MECHANICS AND NEURAL RESPIRATORY DRIVE IN PATIENTS WITH STABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE
L. Yun, P. Luo, L. Yuwen, C. Yitai, H. Xia, W. Kai, X. Chen (China)

09:10 PRODUCTIVE COUGH AS A PREDICTOR OF EXACERBATIONS AND MORTALITY IN THE UPLIFT® TRIAL
L. McGarvey, N. Metzdorf, A. Mueller, D.P. Tashkin (United Kingdom)

09:20 SPUTUM BACTERIAL AND FUNGAL DYNAMICS DURING EXACERBATIONS OF SEVERE COPD
S. Jin, L. Zhengyu, C. Rongchang (China)

09:30 ANABOLIC STEROID MAY ACCELERATE PULMONARY REHABILITATION PROGRAM IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE ADULTS MALE WITH SEVERE RESPIRATORY MUSCLE WASTING
R.A. Nugraha, M. Jonatan, N. Octora, N. Djaja, R. Judiwati (Indonesia)

09:40 DETECTION OF MICROBIAL PATHOGENS USING A MULTIPLE TARGET QUANTITATIVE POLYMERASE CHAIN REACTION (QPCR) ARRAY IN PATIENTS WITH ACUTE EXACERBATIONS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE
H. O’Farrell, J. Shaw, F. Goh, R. Bowman, K. Fong, I. Yang (Australia)

09:50 THE CLINICAL AND PSYCHOSOCIAL IMPACTS ON MANAGEMENT OF PATIENTS WITH COPD IN HARP SETTINGS
R. Pang, P. Van Leur, S. Sullivan, C. Wotherspoon (Australia)

10:00 COLLABORATIVE PARTNERSHIPS BETWEEN A HOSPITAL AND LOCAL GYM FACILITIES TO SUCCESSFULLY FACILITATE LONG-TERM PHYSICAL ACTIVITY SELF-MANAGEMENT
M. Tran (Australia)

10:10 BLOOD EOSINOPHILIA AS PREDICTOR FOR PATIENT OUTCOMES IN COPD EXACERBATIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS

Poster Sessions 10-12 SEE POSTER SECTION
09:00 – 10:30
Atrium

Coffee break
10:30 - 11:00
Exhibition

Session 6A-Clinical Allergy and Immunology: Immunology and the lungs: from basic pathophysiology to clinical expressions and its therapeutic roles
11:00 - 12:30
Plenary Hall 2

Chair: Shu Hashimoto (Japan)
Chair: Siwasak Juthong (Thailand)

11:00 The immunology of chronic airway diseases
Peter Barnes (United Kingdom)
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<td>11:30</td>
<td>Bronchiectasis and the sino-bronchial syndrome</td>
<td>Siwasak Juthong (Thailand)</td>
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<td>12:00</td>
<td>The role of immunotherapy in severe asthma</td>
<td>Shu Hashimoto (Japan)</td>
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**Session 6B-Bronchoscopy and Interventional Techniques 1: Advanced in diagnostic pulmonology and biopsy specimen**

11:00 - 12:30 Plenary Hall 3

Chair: Pyng Lee (Singapore)
Chair: Anan Wattanathum (Thailand)

11:00 How to improved diagnostic yield of peripheral lung nodules and GGOs? Noriaki Kurimoto (Japan)

11:30 Guideline for technical aspects EBUS-TBNA Thitiwat Sriprasart (Thailand)

12:00 Approach to small biopsies and cytology Pyng Lee (Singapore)

**Session 6C- Paediatric Lung Disease 2: Emerging drug resistant streptococcal pneumoniae (DRSP)**

11:00 - 12:30 Ballroom

Chair: Albert Li (Hong Kong)
Chair: Sorasak Lochindarat (Thailand)

11:00 Evolving Epidemiology of Pneumococcal Disease in the PCV Era Stephen I Pelton (USA)

11:30 Role of thoracic ultrasound in complicated pneumonia Jirawadee Yodying (Thailand)

12:00 Fibrinolysis in management of pleural effusion towards empyema Kate Chan (Hong Kong)

**Oral Presentation 17- Asthma: Clinical asthma management**

11:00 - 12:10 Board Room 2

Chair: Kun-Ta Chou (Taiwan)
Chair: Chalerm Liwsrisakun (Thailand)


11:10 EXACERBATIONS LEAD DETERIORATION OF RESISTANCE AND REACTANCE OF AIRWAY MEASURED BY FORCED OSCILLATION SYSTEM IN ASTHMA. T. Kamada, M. Kaneko, M. Yamazoe, H. Takata, Y. Yoshizumi, M. Morita, S. Yamashita, K. Furuta, Y. Kida, H. Tomioka (Japan)

11:20 SERUM LEPTIN LEVEL CORRELATES WITH INCREASED EOSINOPHILS IN THE AIRWAYS IN ASTHMATIC PATIENTS Y. Liang, J. Wang, X. Li, W. Yao, X. Zhang, C. Chang, T. Li, Y. Sun (China)

11:30 MAJOR GRASS POLLEN ALLERGENS AND COMPONENTS DETECTED IN A SOUTHERN CHINESE COHORT OF PATIENTS WITH ALLERGIC RHINITIC AND/OR SATHMA W. Luo, B. Sun (China)
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<td>11:40</td>
<td>ASSOCIATION BETWEEN REVERSIBILITY ON SPIROMETRY AND INTERLEUKINS IN</td>
<td>N. Malhotra, R. Kumar (India)</td>
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<td>ASTHMA WITH FOOD SENSITIZATION</td>
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<td>11:50</td>
<td>CONTRIBUTION OF PERIPHERAL BLOOD BASOPHILS TO CLINICAL BACK-GROUNDS IN PATIENTS</td>
<td>Y. Uchida, A. Tanaka, S. Ohta, A. Fujiwara,</td>
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<td>WITH ADULT ASTHMA</td>
<td>R. Manabe, H. Furukawa, N. Kuwahara, Y.</td>
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<td>Fukuda, T. Kimura, K. Hirai, Y. Miyata, M.</td>
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<td>Jinno, T. Homma, M. Yamamoto, Y. Watanabe, T.</td>
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<td>Yokoe, H. Sagara (Japan)</td>
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<td>12:00</td>
<td>RESULTS OF ACUTE EXACERBATION ASTHMA MANAGEMENT BASING ON THE USAGE OF PEDIATRIC</td>
<td>H. Ho (Vietnam)</td>
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<td>ASThma Score (PAS) AT CHILDREN’S HOSPITAL NO.1 FROM OCTOBER, 2014 TO APRIL, 2015</td>
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**Oral Presentation 18 - Critical Care Medicine: Sepsis and critical care**

11:00 - 12:00

- **Chair:** Rodolfo Roman T. Bigornia (Philippines)
- **Chair:** Amornchai Lertamompong (Thailand)

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<td>11:00</td>
<td>ANTENATAL DIAGNOSIS OF CONGENITAL CYSTIC ADENOMATOID MALFORMATION OF THE LUNG: A CASE REPORT</td>
<td>K. Alcantara (Philippines)</td>
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<td>11:10</td>
<td>INCIDENCE AND ASSOCIATION FACTORS OF VENTILATOR ASSOCIATED PNEUMONIA IN INTENSIVE CARE UNIT IN A UNIVERSITY HOSPITAL, MALAYSIA</td>
<td>M. Khan, Z. Mohamed, S. Binti Ali, R. Basri, N. Saddki, N. Sukmingrum (Malaysia)</td>
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<td>11:20</td>
<td>ACCURACY OF PREDICTIVE EQUATIONS FOR RESTING ENERGY EXPENDITURE ESTIMATION IN THAI MECHANICALLY VENTILATED PATIENTS</td>
<td>N. Kongpolprom (Thailand)</td>
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<td>11:30</td>
<td>INTRAVENOUS INFUSION OF CHINESE MEDICINE XUEBIJING SIGNIFICANTLY IMPROVED OUTCOME IN SEVERE PNEUMONIA PATIENTS IN A MULTIPLE CENTER RANDOMIZED DOUBLE BLINDED CONTROLLED CLINICAL TRIAL</td>
<td>Y. Song, C. Yao, H. Shang, Y. Xiaoqing, C. Bai (China)</td>
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<td>11:40</td>
<td>THE RESEARCH OF EPIDEMIOLOGY OF SEROUS CAVITY IN SEVERE SEPSIS AND THE PATHOGENESIS OF BLOODY EFFUSION</td>
<td>M. Xue (China)</td>
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<td>11:50</td>
<td>EARLY NON-INVASIVE VENTILATION VERSUS CONVENTIONAL OXYGEN THERAPY IN IMMUNOCOMPROMISED PATIENTS WITH RESPIRATORY FAILURE: A META-ANALYSIS</td>
<td>R.E. Villalobos, U.K. Gopez, K. Flores (Philippines)</td>
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**Oral Presentation 19 - Respiratory Neurobiology and Sleep: Pathogenesis in pulmonary medicine**

11:00 - 12:00

- **Chair:** Kazuo Chin (Japan)
- **Chair:** Nanta Maranetra (Thailand)

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<tr>
<td>11:00</td>
<td>HABITUAL BEHAVIORS: ALCOHOL, SMOKING AND CAFFEINE INTAKE IN RELATION TO SEVERITY OF OBSTRUCTIVE SLEEP APNEA</td>
<td>M. M Ramanathan, N. Chirakalwasan, R. Abdul Rahman, D. Muntham (Malaysia)</td>
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</table>
11:10 CARDIOVASCULAR AND METABOLIC COMORBIDITIES IN OBSTRUCTIVE SLEEP APNEA SYNDROME: DATA FROM 1576 ADULT JAPANESE PSG CASES.

11:20 PREVALENCE OF OBSTRUCTIVE SLEEP APNEA (OSA) IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
Y. Wu, B. He, Z. Qiu, L. Zhou, M. Zhu, Y. Chen, Y. Luo (China)

11:30 ROLE OF ENDOPLASMIC RETICULUM STRESS IN CHANGES OF INSULIN SIGNALING PATHWAY IN HEPG2 CELL EXPOSED TO INTERMITTENT HYPOXIA
H. Yi (China)

11:40 A SLEEPY CLERGYMAN
M.A. Ibrahim, A.I. Ismail (Malaysia)

11:50 DOES OBSTRUCTIVE SLEEP APNEA EXISTS IN INDIGENOUS POPULATION - A PERSPECTIVE FROM AUSTRALIAN INDIGENOUS POPULATION STUDY
S. Heraganahally, S. Mehra (Australia)

Oral Presentation 20- Respiratory Infections (non-tuberculous): Topics in lung infection 3
11:00 - 12:10 Board Room 5

Chair: Yi Wen Huang (Taiwan R.O.C.)
Chair: Wipa Reechaipichitkul (Thailand)

11:00 THE PROFILE OF NON-TUBERCULOUS MYCOBACTERIA (NTM) AND CLINICAL CHARACTERISTICS OF PATIENTS IN SINGAPORE

11:10 DIRECT RECOGNITION OF CRYPTOCOCCAL CAPSULAR GLUCURONOXYLOMANNAN BY C-TYPE LECTIN RECEPTOR DECTIN-3 IS ESSENTIAL FOR HOST DEFENSE AGAINST CRYPTOCCUS NEOFORMANS
H.R. Huang (China)

11:20 THE DIAGNOSTIC VALUE OF GALACTOMANNAN DETECTION OF INVASIVE PULMONARY ASPERGILLOSIS IN NON-NEUTROPENIC HOSTS
Y. Li, P. Lin, Y. Zhou, S. Su, J. Ye, C. Chen (China)

11:30 A CLINICAL REVIEW OF 34 CASES WITH PROGRESSIVE DISSEMINATED HISTOPLASMOSIS
J. Meng, X. Lv (China)

11:40 CLINICAL ANALYSIS OF NINE PATIENTS WITH INVASIVE PULMONARY ASPERGILLOSIS IN CHILDREN
Z. Feifei, T. Yuhong (China)

11:50 OUTCOMES AND PROGNOSTIC FACTORS OF NON-HIV PATIENTS WITH PNEUMOCYSTIS JIROVECCII PNEUMONIA AND CONCOMITANT CMV-DNA POSITIVE IN BALF: A RETROSPECTIVE COHORT STUDY
Q. Yu, C. Que, H. Zhao, L. Su, P. Jia (China)

12:00 RESPIRATORY VIRUSES ARE COMMONLY DETECTED IN ASYMPTOMATIC ASTHMA AND COPD PATIENTS
A.B. Mitchell, A.R. Glanville, M. Peters, L.C. Morgan, B.G. Oliver
**Poster Sessions 13-15** SEE POSTER SECTION
11:00-12:30

**Lunch Symposium 4** Supported by Boehringer-Ingelheim - Advances in COPD: a breath of fresh air?
12:30 - 13:30

Chair: Chaicharn Pothirat (Thailand)

12:30  **Welcome and introduction**  
Chaicharn Pothirat (Thailand)

12:35  **COPD in Thailand and South East Asia**  
Chaicharn Pothirat (Thailand)

12:40  **The scale of COPD across the globe**  
Jorgen Vestbo (United Kingdom)

12:50  **The newly diagnosed patient with COPD: optimizing treatment to improve outcomes**  
Eric D. Bateman (South Africa)

13:05  **Where do ICS fit in the management of COPD?**  
Wisia Wedzicha (United Kingdom)

13:20  **Summary and Q&A**

**Lunch Symposium 5** Supported by GSK - Fluticasone Furoate/Vilanterol: Personalising and Simplifying Treatment for Asthma and COPD
12:30 - 13:30

Chair: Sumalee Kiatboonsri (Thailand)

12:30  **Welcome & Introduction**  
Sumalee Kiatboonsri (Thailand)

12:35  **The impact of 24-hour continuous efficacy in asthma: FF/VI, a new treatment choice**  
Neil Barnes (United Kingdom)

12:55  **From efficacy in COPD trials to effectiveness in routine practice**  
Paul Jones (United Kingdom)

13:20  **Q&A and close**  
Neil Barnes (United Kingdom)

**Lunch Symposium 6** Supported by Chiesi - Small Airways in Obstructive Lung Diseases: Impact of an EXTRAFINE combination on symptom control
12:30 - 13:30

Chair: Arth Nana (Thailand)

12:30  **The role of Small Airways in Asthma and COPD**  
Watchara Boonsawat (Thailand)

12:40  **Treating the small airways in asthma and COPD: Getting it EXTRAFINE**  
Omar S. Usmani (United Kingdom)

13:20  **Q&A**
Memorial Lecture: Michiyoshi Harasawa Research Award
13:30 - 14:30  
Plenary Hall 2

Chair: Visit Udompanich (Thailand)

13:30 Pleural disease – the past, recent advances and what lies ahead
Gary Lee (Australia)

Afternoon Symposium 5-Supported by Pfizer - Adult Pneumococcal Pneumonia: Why Vaccinate?
14:30 - 15:30  
Meeting Room 1&2

Chair: Sumalee Kiatboonsri (Thailand)

14:30 Welcome and Introduction
Sumalee Kiatboonsri (Thailand)

14:35 Understanding Pneumonia: Perspectives from the Asia Pacific Region
Sumalee Kiatboonsri (Thailand)

14:50 Confronting the Burden of Pneumococcal Pneumonia: The Role of Vaccination
Stephen Pelton (USA)

15:25 Q&A

Afternoon Symposium 6- Supported by Daiichi - Today’s respiratory infection challenges
14:30 - 15:30  
Meeting Room 3&4

Chair: Charoen Chuchottaworn (Thailand)
Chair: Diahn-Warng Perng (Taiwan R.O.C.)

14:30 Introduction of special guest speaker and co-chair
Charoen Chuchottaworn (Thailand)

14:35 Rational use of Antibiotic for serious pneumonia
Lionel Ari Mandell (Canada)

15:15 Panel discussion and closing remark
Diahn-Warng Perng (Taiwan R.O.C.)
Charoen Chuchottaworn (Thailand)

Coffee break
15:30 - 16:00  
Exhibition

Session 7A- Cell and Molecular Biology: Recent progress in respiratory cells and molecular biology
16:00 - 17:30  
Plenary Hall 2

Chair: Takahide Nagase (Japan)
Chair: Kittipong Maneechotesuwan (Thailand)

16:00 Recent progress in respiratory cells and molecular biology
Takahide Nagase (Japan)

16:30 Recent topics of molecular biology in the field of airway inflammation
Nobuaki Miyahara (Japan)

17:00 Role of autophagy in respiratory disease
Peter Barnes (United Kingdom)
Session 7B - Young Investigators Award
16:00 - 17:30

Chair: Kwun Fong (Australia) 449
Chair: Naricha Chirakalwasan (Thailand) 450

ATS Young Investigators:
16:00 Sleep apnea and cardiovascular disease: Towards a precision medicine
Manuel Sanchez de-la-Torre (USA) 451

16:18 Facilitating Adoption of COPD Evidence Based Care in Outpatient Settings (FACES)
Laura Feemster (USA) 452

ERS Young Investigators:
16:36 Anxiety and depression among diagnosed TB Patients seen at the Up-PGH using the validated filipino version of the hospital anxiety depression score (HADS-P)
Gene Philip Louie Ambroció, J. Santiaguel (Philippines) 453

16:54 Knockdown of OCT4 reverses Epithelial-Mesenchymal transition induced by insulin-like growth factor 1 in Lung Cancer
Fariz Nurwidya, F. Takahashi, K. Tajima, M. Hidayat, I. Kobayashi, A. Wirawan, N. Shimada, K. Takahashi (Indonesia) 454

TSANZ Young Investigator:
17:12 Superiority of a course of varenicline tartrate plus counselling over counselling alone for smoking cessation: a 24-month randomised controlled trial for inpatients

Session 7C - Respiratory Infections (non TB): Threat of fatal viral pneumonia
16:00 - 17:30

Chair: Gee Young Suh (Republic of Korea) 456
Chair: Wipa Reechaipichitkul (Thailand) 457

16:00 MERS pneumonia
Gee Young Suh (Republic of Korea) 458

16:30 Influenza associated ARDS
Marc Moss (USA) 459

17:00 Avian Influenza pneumonia
Bin Cao (China) 460

Oral Presentation 21 - Asthma: Effective asthma controlled
16:00 - 17:00

Chair: Eric D. Bateman (South Africa) 462
Chair: Yongyudh Ploysongsan (Thailand) 461

16:00 ASTHMA AND COPD OUTPATIENT CARE UNIT (ACOCU): A FEASIBLE MODEL OF IMPLEMENTING GINA AND GOLD GUIDELINES IN VIETNAM
L.T.T. Lan, N.V. Tho (Vietnam) 464

16:10 EARLY EFFECT OF MATERNAL MICROBIAL ENVIRONMENT ON T-REGULATORY CELLS IMMUNE RESPONSE IN CORD BLOOD OF OFFSPRINGS
J. LIU (China) 465
16:20  **AN ASTHMATIC WITH MARKED BLOOD EOSINOPHILIA**  
S. Tan, A. Takano, K.L. Lim, K.L. Tan (Singapore)  

16:30  **A RE-EVALUATION OF THE DIAGNOSTIC VALUE OF FRACTIONAL EXHALED NITRIC OXIDE AND ITS IMPACT FACTORS IN PATIENTS WITH ASTHMA**  
M. Wei, L. He, C. Liu (China)  

16:40  **THE ROLE OF ELEVATED PLASMA IL-8 IN ASTHMA: AS A PREFERABLE BIOMARKER INDICATING UNCONTROLLED STATE AND GLUCOCORTICOSTEROID RESPONSIVENESS**  
J. Zhang, B. Chong (China)  

16:50  **EFFICACY OF AIR PURIFIER FOR ADJUVANT THERAPY OF RESPIRATORY DISEASES**  
J. Luo, Z. Chen, J. Hu, S. Li, J. Guo, B. Sun (China)  

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**Oral Presentation 22 - Critical Care Medicine: Basic science knowledge in ICU**  
16:00 - 16:50  
Board Room 3  
Chair: John Marini (USA)  
Chair: Napplika Kongpolprom (Thailand)  

16:00  **PRE-HOSPITAL ANTI-PLATELET THERAPY IS RELATED WITH ARDS: A META-ANALYSIS**  
W. Jin (China)  

16:10  **OXYGEN SATURATION INDEX AS A SURROGATE OF PAO2/FIO2 IN ACUTE RESPIRATORY DISTRESS SYNDROME**  
C.B. King Kay, P.G. Moral (Philippines)  

16:20  **EXTRACORPOREAL MEMBRANE OXYGENATION FOR AVIAN INFLUENZA A (H7N9) PATIENT WITH ACUTE RESPIRATORY DISTRESS SYNDROME: A CASE REPORT**  
Q. Nie, D.Y. Zhang, W.J. Wu, C.L. Huang, Z.Y. Ni (China)  

16:30  **INHIBITION OF MPGES-1 REDUCES ACUTE LUNG INJURY IN MICE**  
M. Gurusamy, S. Nasseri, A. Ambade, H. Lee, A. Pekcec, H. Doods, D. Wu (Republic of Korea)  

16:40  **MECHANISM OF CORTICOSTEROID MEDIATES ALI/ARDS VIA NLRP3 INFLAMMASOME SIGNAL PATHWAY**  
J.W. Yang, B. Mao, J.L. Lin, H.W. Lu, J.F. Xu (China)  

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**Oral Presentation 23 - Environmental & Occupational Health and Epidemiology: Smoking and related lung disease**  
16:00 - 17:10  
Board Room 4  
Chair: Soon-Hee Jung (Republic of Korea)  
Chair: Piamlarp Sangsayunh (Thailand)  

16:00  **INVESTIGATION OF ASBESTOS-RELATED PLEURAL AND PULMONARY LESIONS IN PERITONEAL MESOTHELIOMA**  

16:10  **REFERENCE VALUES FOR SPIROMETRY IN KOREAN WORKING POPULATION WITH LMS METHODS**  
J.P. Myong, J. Bum-Seak, Y. Hyoung-Kyu (Republic of Korea)
16:20  IMPACT OF AIR POLLUTION ON POPULATION HEALTH IN VIET NAM  
C. Ngo (Vietnam)  

16:30  SECOND-HAND SMOKER AS A RISK FACTOR OF CHRONIC BRONCHITIS IN HOUSEWIVES AGED 50-55 YEARS AT RURAL DISTRICT IN LAWANG, INDONESIA  

16:40  EVALUATE THE DEMANDS FOR SMOKING CESSATION SERVICES OF SMOKERS AT THE OUTPATIENT DEPARTEMENT OF BACH MAI HOSPITAL  
P. Phan thu, C. Ngo Quy, G. Vu Van, Q. Pham Le (Vietnam)  

16:50  CLIMATE CHANGE AND RESPIRATORY DISEASES  
C. Ngo (Vietnam)  

17:00  RISK FACTORS ASSOCIATED WITH MORTALITY FROM PNEUMONIA AMONG PATIENTS WITH PNEUMOCONIOSIS  
J.P. Myon, J. Bum-Seak (Korea)  

Oral Presentation 24- Tuberculosis: General knowledge in tuberculosis  
16:00 - 17:00  Board Room 5  
Chair: Yohhei Hamada (Switzerland)  
Chair: Kamon Kawkitinarong (Thailand)  

16:00  GENOTYPES OF MYCOBACTERIUM TUBERCULOSIS CLINICAL ISOLATES IN MYANMAR: USING 15 LOCI AND 24 LOCI MYCOBACTERIAL INTERSPERSED REPETITIVE UNIT-VARIABLE NUMBER TANDEM REPEAT (MIRU-VNTR) METHODS  

16:10  DIFFERENT YIELD OF TB CASE NOTIFICATION BY ACTIVE CASE FINDING (ACF) IN OPERATIONAL DISTRICTS (OD) WHERE ACF HAD PREVIOUSLY IMPLEMENTED VERSUS HAS NOT BEEN IMPLEMENTED  
S. Khann, N. Song, K. Tan (Cambodia)  

16:20  RADIOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF SMEAR NEGATIVE CULTURE POSITIVE PULMONARY TUBERCULOSIS IN A TERTIARY CENTER IN MALAYSIA  
A.N. Musa, S.K. Othman, M.A. Mohd Zim, A.I. Ismail (Malaysia)  

16:30  THE PROPORTION OF LATENT TUBERCULOSIS INFECTION IN NAIVE LUNG CANCER PATIENTS  
R. Ramdhani, E. Burhan, J. Zaini (Indonesia)  

16:40  TUBERCULOUS AORTITIS WITH AORTIC DISSECTION AND DILATATION DUE TO TUBERCULOSIS INDUCED INFLAMMATION OF THE VASA VASORUM: A CASE REPORT  
Y.A. Jacoba, J. See (Philippines)  

16:50  CASE SERIES ON TUBERCULOSIS MIMICS  
L.D. ZAINUDIN, N. MOHD JAAFAR, K.N. MOHD HIRMIZI, M.A. MOHD ZIM, A.I. ISMAIL, M.F. ABDUL RANI (Malaysia)  

Poster Sessions 16-18 SEE POSTER SECTION  
16:00-17:30  Atrium
SCIENTIFIC PROGRAM

Tuesday, 15 November, 2016
TUESDAY, 15 NOVEMBER 2016

Session 8A - COPD 2: COPD multi-dimensional assessments, from the best to the most practical tool
08:00 - 09:30 Plenary Hall 2

Chair: Diahn-Warn Perng (Taiwan) 492
Chair: Chaicharn Pothirat (Thailand) 493

08:00 COPD multi-dimensional assessment: development from the beginning
Paul Jones (United Kingdom) 494

08:30 Problems of current COPD assessment tools in real practice
Kun-Ta Chou (Taiwan) 495

09:00 Thailand experiences from local adaptation
Chaicharn Pothirat (Thailand) 496

Session 8B - Asthma 1: Advances in asthma therapy: what does the future hold?
08:00 - 09:30 Plenary Hall 3

Chair: Helen Reddel (Australia) 497
Chair: Watchara Boonsawat (Thailand) 498

08:00 Biologics in asthma therapy
Helen Reddel (Australia) 499

08:30 Non T2-asthma
Kittipong Maneechotesuwan (Thailand) 500

09:00 Future trend in asthma therapy
Peter Barnes (United Kingdom) 501

Session 8C - Interstitial Lung Disease 2: Problems in lung dominant connective tissue disease (or autoimmune-related ILD)
08:00 - 09:30 Ballroom

Chair: Masahito Ebina (Japan) 502
Chair: Amornpun Wongkarnjana (Thailand) 503

08:00 Disease concept of LD-CTD
Toby Maher (United Kingdom) 504

08:30 Diagnosis and treatment of lung dominant connective tissue disease
Takafumi Suda (Japan) 505

09:00 Problems in LD-CTD
Supparerk Disayabutr (Thailand) 506

Oral Presentation 25 - Tuberculosis: News in Tuberculosis treatment
08:00 - 08:40 Board Room 2

Chair: Charles Yu (Philippines) 508
Chair: Charoen Chuchottaworn (Thailand) 507

08:00 TREATMENT OUTCOMES OF CHILDHOOD TB PATIENTS IN FOUR TB HIGH BURDEN STATES OF MALAYSIA: RESULTS FROM A MULTICENTER RETROSPECTIVE COHORT STUDY
A. Hayat (Malaysia) 509
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<tr>
<td>08:10</td>
<td>THE CUTURE AND SENSITIVITY PATTERN OF MYCOBACTERIUM-TUBERCULOSIS</td>
<td>S. Mehra, S. Heraganahally, S. Tripathi, R. Garg, A. Jain, R. Prasad</td>
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<td>IN CATEGORY-II PATIENTS OF REVISED NATIONAL TUBERCULOSIS CONTROL</td>
<td>(Australia)</td>
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<td>PROGRAM (RNTCP) OF INDIA AND ITS INFLUENCE ON TREATMENT OUTCOME</td>
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<td>08:20</td>
<td>AN INTRIGUING CASE OF TUBERCULOUS PROSTATITIS WITH PLEURAL AND</td>
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<td>CEREBRAL INVOLVEMENT</td>
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<td>08:30</td>
<td>EVALUATION OF PLASMA CLUSTER TECHNOLOGY Efficacy for Improved</td>
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<td>Infection Control in Specialized Tuberculosis Hospital</td>
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**Oral Presentation 26 - Bronchoscopy and Interventional Techniques: Advanced endobronchial therapy**

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<tr>
<td>08:00</td>
<td>Chair: Pyng Lee (Singapore)</td>
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<td>08:00</td>
<td>Chair: Viratch Tangsujaritvijit (Thailand)</td>
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<td>08:00</td>
<td>A NOVEL, SIMPLE AND EFFICIENT TECHNIQUE OF AIRWAY Y-STENT DEPLOYMENT</td>
<td>S.L. Guo, O. Ganganah, Y. Li (China)</td>
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<td>08:10</td>
<td>USING FLEXIBLE BRONCHOSCOPY IN MALIGNANT LESIONS AND TRACHEOESOPHAGEAL</td>
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<td>08:20</td>
<td>HYBRID OPERATING ROOM DYNACT REAL-TIME IMAGE GUIDED ELECTROMAGNETIC</td>
<td>W.H. Lau, C.Y.S. Chow, Y.K.J. Ho, F.G. Capili, H.L.R. Wong, C.M. Chu,</td>
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<td>NAVIGATION BRONCHOSCOPIC BIOPSY (IENB) - THE INITIAL EXPERIENCE</td>
<td>C.H.S. Yu, S.H.C. Ng (Hong Kong S.A.R.)</td>
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<td>08:30</td>
<td>FACTORS AFFECTING DIAGNOSTIC BRONCHOSCOPY WITH RADIAL ENDOBRONCHIAL</td>
<td>Y. Matsumoto, T. Izumo, T. Nakai, T. Tsuchida (Japan)</td>
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<td>ULTRASOUND FOR PERIPHERAL PULMONARY LESIONS</td>
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<td>08:40</td>
<td>IMPLANTATION OF METALLIC STENT UNDER DIRECT VISUALIZATION OF</td>
<td>W. Xu, X. Hao, Z. Geng, H. Mahong, L. Feiyan, H. Huiping, W. Tiejun</td>
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<td>FLEXIBLE BRONCHOSCOPE WITHOUT FLUOROSCOPIC GUIDANCE ON OROTRACHEAL</td>
<td>(China)</td>
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<td>INTUBATED PATIENTS</td>
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<td>08:50</td>
<td>USE OF TRANSBRONCHOSCOPIC END-TIDAL CO2 DETECTION IN THE LOCATION OF</td>
<td>Y. Zeng (China)</td>
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<td>THE PLEURAL AIR LEAKAGE IN INTRACTABLE PNEUMOTHORAX</td>
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<td>09:00</td>
<td>MANAGEMENT OF PEDIATRIC AIRWAY FOREIGN BODIES: AN UPDATE</td>
<td>M.A. Moslehi (Iran)</td>
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Oral Presentation 27- Clinical Respiratory Medicine: Pulmonary disease: Management in the future

08:00 - 09:10

Chair: Somkiat Wongtim (Thailand)
Chair: Alikun Limsukon (Thailand)

08:00

LATANOPROST EYE DROP INCREASES COUGH SENSITIVITY BY DECREASING THRESHOLD OF VAGAL SENSORY NERVES
N. Benjatikul, S. Jiriyasin, N. Pakaprot, K. Maneepetchsuvan, T. Oga, K. Soontrapa (Thailand)

08:10

WEB-BASED MULTIDISCIPLINARY DISCUSSION OF UNCLASSIFIABLE INTERSTITIAL PNEUMONIA

08:20

PLEURAL ULTRASONIC ELASTOGRAPHY IN THE DIAGNOSIS OF MALIGNANT PLEURAL EFFUSION
G. Hou, B. Jian, Y. Yin, Q. Wang, J. Kang (China)

08:30

EFFECT AND SAFETY OF ROFLUMILAST COMBINED WITH LONG-ACTING BRONCHODILATORS IN MODERATE-TO-VERY SEVERE STABLE COPD PATIENTS: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
X. Tingting, P. Luo, L. Shuo, C. Xin (China)

08:40

STANDARDIZATION WITH COMPUTER PROTOCOLS IS NECESSARY TO ASSURE REPLICABLE INTERPRETATIONS OF PULMONARY FUNCTION TESTS (PFT)
A. Morris, O. Linares, M. Hegewald (USA)

08:50

THE METABOLIC UPTAKE OF F-18 FLUORODEOXYGLUCOSE IN ADVANCED LUNG ADENOCARCINOMA WITH COMMON AND UNCOMMON EPIDERMAL GROWTH FACTOR RECEPTOR MUTATIONS.

09:00

RESPIRATORY FAILURE AND OUTCOME IN PATIENTS WITH ACUTE PROMYELOCYTIC LEUKEMIA, EXPERIENCE AT A TERTIARY CARE CENTRE IN PAKISTAN.
M.S. Sarwar, M.S. Sarwar, U. Shaikh (Pakistan)

Oral Presentation 28- Lung cancer: Understand basic and clinical 2

08:00 - 09:10

Chair: Kwun Fong (Australia)
Chair: Arth Nana (Thailand)

08:00

THE RELATIONSHIP BETWEEN PLASMA AFATINIB CONCENTRATION AND THE SEVERITY OF ADVERSE EVENTS.
R. Chiba (Japan)

08:10

IMPACT OF LENT SCORE ON MALIGNANT PLEURAL EFFUSIONS DUE TO LUNG CANCER
S. Tay, S. Ong, P. Lee (Singapore)

08:20

FREQUENT BASELINE EGFR MUTATION T790M IN CYTOLOGICAL SPECIMENS OF TYROSINE KINASE INHIBITOR (TKI) NAIVE ADENOCARCINOMA NSCLC PATIENTS
S.L. ANDARINI, J. ZAINI, A. HUDOYO, H. HIDAYAT, G. WIDJAJAHAKIM, A.R. UTOMO (Indonesia)
08:30 PREOPERATIVE NUTRITIONAL CONDITION AS A PROGNOSTIC FACTOR FOR LUNG CANCER IN ELDERLY PATIENTS
I. Watanabe, N. Kanauchi, H. Watanabe (Japan)

08:40 J201, A NOVEL SULFATED OLIGOSACCHARIDE, INHIBITS CANCER-ASSOCIATED FIBROBLASTS-INDUCED MIGRATION AND INVASION OF NON-SMALL CELL LUNG CANCER A549 CELLS THROUGH INACTIVATION OF THE JAK2-STAT3 SIGNALS
W. You, X. Liu, B. Chen, S. Xue, H. Jiang (China)

08:50 PEMETREXED VERSUS GEMCITABINE IN COMBINATION WITH CARBOPLATIN AS FIRST-LINE TREATMENT OF ADVANCED LUNG ADENOCARCINOMA
C. Chee Shee, C.K. Liam, Y.K. Pang, K.S. Kow, C.K. Wong, M.E. Poh, J.L. Tan (Malaysia)

09:00 GIANT INTRAPULMONARY MALIGNANT PERIPHERAL NERVE SHEATH TUMOUR
D. Muchlis (Indonesia)

Poster Sessions 19-21 SEE POSTER SECTION

08:00 – 09:30 Atrium

Coffee break
09:30 - 10:00 Exhibition

Diagnosis and treatment of navigation technique in pulmonary disease
10:00 - 11:00 Plenary Hall 2

Chair: Pyng Lee (Singapore)
10:00 Felix Herth (Germany)

The Great Debate: ACOS: does it exist?
10:00 - 11:00 Plenary Hall 3

Chair: Arth Nana (Thailand)
10:00 Pro Jorgen Vestbo (United Kingdom)
10:30 Con Peter Barnes (United Kingdom)

The Great Debate: Lung protective strategy in non-ARDS respiratory failure: is it necessary?
10:00 - 11:00 Ballroom

Chair: Yuanlin Song (China)
10:00 Pro Marc Moss (USA)
10:30 Con John Marini (USA)
Lunch Symposium 8- Supported by Boehringer-Ingelheim - Managing the symptomatic asthma patient: The personalised approach
11:00 - 12:30  
Meeting Room 1&2

Chair: Watchara Boonsawat (Thailand)  
548
11:00  Welcome and introduction  
Watchara Boonsawat (Thailand)  
549
11:05  Update in asthma management: The GINA Perspective  
Helen Reddel (Australia)  
550
11:30  Phenotypic approach to improve asthma control  
Christian Taube (The Netherlands)  
551
11:55  Anticholinergics in asthma: Place in clinical practice  
Eric D. Bateman (South Africa)  
552
12:20  Panel Discussion

Session 9A- Tuberculosis 2: MDR/XDR Treatment: practical approach in Asia-Pacific region
12:30 - 14:00  
Plenary Hall 2

Chair: Yi Wen Huang (Taiwan)  
553
Chair: Yuthichai Kasetcharoen (Thailand)  
554
12:30  How to implement programmatic management of MDR/XDR-TB in NTP?  
Yuthichai Kasetcharoen (Thailand)  
555
13:00  What is the optimum treatment of MDR/XDR-TB?  
Yi Wen Huang (Taiwan)  
556
13:30  New drugs and new regimens for MDR/XDR-TB treatment  
Yohhei Hamada (Switzerland)  
557

Session 9B-Bronchoscopy and Interventional Techniques 2: Update on interventional pulmonology for the management of Pulmonary conditions
12:30 - 14:00  
Plenary Hall 3

Chair: Noriaki Kurimoto (Japan)  
558
Chair: Thitiwat Sriprasart (Thailand)  
559
12:30  Asthma  
Pyng Lee (Singapore)  
562
13:00  Emphysema: valves, coils, steam and lung denervation  
Felix Herth (Germany)  
560
13:30  Bronchopleural fistula  
Anan Wattanathum (Thailand)  
561
**Session 9C- Asthma 2: Two decades of GINA guideline: a roadmap to asthma control**

12:30 - 14:00  
**Ballroom**

Chair: Jorgen Vestbo (United Kingdom)  
Chair: Chaicharn Pothirat (Thailand)

- **12:30**  
  **Update on GINA strategy report**  
  Helen Reddel (Australia)

- **13:00**  
  **Challenge in GINA guideline implementation**  
  Shu Hashimoto (Japan)

- **13:30**  
  **Implementation of GINA in Thailand**  
  Watchara Boonsawat (Thailand)

**Closing Ceremony**

14:00 - 14:30  
**Ballroom**
Prevnar13® is indicated for active immunization for the prevention of pneumococcal disease (including pneumonia and invasive disease) in adults 18 years of age and older caused by Streptococcus pneumoniae serotype 1, 3, 4, 5, 6A, 6B, 7F, 9V, 14, 18C, 19A, 19F and 23F.
POSTER SESSIONS

Sunday, 13 November 2016 - Tuesday, 15 November 2016
# 21st Congress of Asian Pacific Society of Respirology
## 12 - 15 November 2016 • Bangkok, Thailand

### Sunday, 13 November 2016

#### Poster Presentation 1 - Respiratory Infections (non-tuberculous) 1

**11:00 - 12:30**

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<td>570</td>
<td>001</td>
<td><strong>EMPIRICAL ANTIBIOTIC THERAPY OF PNEUMONIA IN CHILDREN FOR OUTPATIENT CONDITIONS USING CRP</strong>&lt;br&gt;A. Bajraktarevic, B. Krdzalic, R. Merdzanic, L. Kumasin, A. Selimovic, D. Abduzaimovic, A. Abduzaimovic, D. Granov Rokolj, I. Suljevic, H. Cubro, F. Krupic (Bosnia - Herzegovina)</td>
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<tr>
<td>11:04</td>
<td>571</td>
<td>002</td>
<td><strong>DIAGNOSTIC ACCURACY OF CYTOCHEMICAL STAINS, POLYMERASE CHAIN REACTION AND IMMUNOFLUORESCENCE ASSAY FOR PNEUMOCYSTIS JIROVECI PNEUMONIA IN KING CHULALONGKORN MEMORIAL HOSPITAL: 5-YEAR EXPERIENCE</strong>&lt;br&gt;P. Boonwattanawiboon, N. Kongpolprom, S. Nuchprayoon (Thailand)</td>
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<td>11:08</td>
<td>572</td>
<td>003</td>
<td><strong>NATURAL COURSE OF NODULAR BRONCHIJECTATIC MYCOBACTERIUM AVIUM COMPLEX LUNG DISEASE</strong>&lt;br&gt;J.C. Choi, S.W. Yoon, T.Y. Park, S.Y. Kim (Republic of Korea)</td>
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<td>11:12</td>
<td>573</td>
<td>004</td>
<td><strong>CLINICAL FEATURES IN PATIENTS WITH ACUTE THORACIC EMPYEMA WHO UNDERGO VIDEO-ASSISTED THORACOSCOPIC SURGICAL DECORTICATION</strong>&lt;br&gt;T. Ebisudani (Japan)</td>
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<td>11:20</td>
<td>575</td>
<td>006</td>
<td><strong>THE BLOOD CRYPTOCOCCAL ANTIGEN AND DIVERSITY OF CLINICAL CHARACTERISTICS: A COMPREHENSIVE ANALYSIS OF 378 PULMONARY CRYPTOCOCCOSIS PATIENTS</strong>&lt;br&gt;H.R. Huang, K.B. Cheng (China)</td>
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<td>11:28</td>
<td>577</td>
<td>008</td>
<td><strong>PROGNOSIS OF PNEUMOCYSTIS PNEUMONIA IN PATIENTS WITH HEMATOLOGIC MALIGNANCIES</strong>&lt;br&gt;H.Y. Lee, K. Jin Woo, L. Jong Wook, R. Chin Kook (Republic of Korea)</td>
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<td>11:32</td>
<td>579</td>
<td>009</td>
<td><strong>CARDIAC TAMPOONADE FOLLOWED BY FATAL ARRHYTHMIA CAUSED BY CARDIAC ACTINOMYCOsis ATTRIBUTABLE TO ACTINOMYCES MEYERI.</strong>&lt;br&gt;K. Murakami, K. Tobino, M. Munechika, T. Sueyasu (Japan)</td>
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R.E. Villalobos (Philippines) | 634     | 060     |

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C. Chee Shee, C.K. Lim, Y.K. Pang, K.S. Kow, C.K. Wong, M.E. Poh, J.L. Tan (Malaysia) | 638     | 062     |
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I. Pertiwi, E. Syahruddin, S. Andarini (Indonesia) | 642     | 066     |
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G. Samosir (Indonesia) | 645     | 069     |
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H.W. Seo (Republic of Korea) | 646     | 070     |
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H. Phiphitthanaban (Thailand)

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17:50 **CONGENITAL TRACHEAL STENOSIS IN THE ADULT: A CASE REPORT AND LITERATURE REVIEW**  
Y. Yoshimatsu, R. Morita, K. Otani, M. Kaji, T. Kamimori, H. Fujiwara, K. Tobino (Japan)

**Poster Presentation 9  - Clinical Respiratory Medicine 2**

**16:30** - **18:00**

**Atrium**

**Chair:** Yasuo Morimoto (Japan)

**Chair:** Manaphol Kulpraneet (Thailand)

16:30 **FLOW-VOLUME LOOPS, BY THEMSELVES, ARE INADEQUATE FOR SPIROMETRY**  
A. Morris, O. Linares, M. Hegewald (USA)

16:34 **EFFECT OF CHINESE HERBAL MEDICINE TANREQING INJECTION AND ANTIBIOTIC TREATMENT OF PNEUMONIA IN CHILDREN**  
P. Chen, J. Zhang, W. Xu, J. Yang, Z. Fan, Z. Ma (China)

16:38 **DUAL ACTINOMYCOSIS AND HISTOPLASMOSIS IN AN IMMUNOCOMPETENT PATIENT**  
S. Hemvimon, N. Rittayamai, N. Chierakul (Thailand)

16:42 **EFFECTS OF LONG-TERM HIGH-INTENSITY NONINVASIVE VENTILATION ON OUTPATIENTS WITH STABLE HYPERCAPNIC CHRONIC OBSTRUCTIVE PULMONARY DISEASES**  
X. Tingting, P. Luo, C. Xin (China)

16:46 **DIAGNOSTIC VALUE OF PLEURAL FLUID ANALYSIS IN AN INFECTION DOMINANT SETTING - A SURVEY FROM KANDY, SRI LANKA**  
D. Madagedara, A. Rajapakse (Sri Lanka)

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D. Madagedara, R. Mirihella (Sri Lanka)

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<td>D. Madegedara, R. Mirihella, S. Nakandela (Sri Lanka)</td>
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<td>UNUSUAL PRESENTATION OF RECURRENT SPONTANEOUS PNEUMOTHORAX IN A 21-YEAR-OLD MALE WITH RIGHT UPPER LOBE MASS: A CASE REPORT</td>
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<td>N.J. Valmoria, A. Guzman-Banzon, M.E. Limpin (Philippines)</td>
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# Monday, 14 November 2016

Poster Presentation 10 - Critical Care Medicine 1 + Environmental & Occupational Health and Epidemiology

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<td>V.C. Bionika (Indonesia)</td>
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<td>A NOVEL CLINICAL SCORING SYSTEM TO IDENTIFY BIRT-HOGG- DUBE SYNDROME IN PATIENTS WITH PNEUMOTHORAX</td>
<td>H. Ebana, T. Mizobuchi, S. Yamanaka, E. Kobayashi, M. Kurihara, K. Takahashi, K. Seyama (Japan)</td>
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<td>V.P. Kolosov, L.G. Manakov, E.V. Polyanskaya, S.V. Naryshkina (Russia)</td>
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<td>PREVALENCE OF MAIN SYMPTOMS OF CHRONIC RESPIRATORY DISEASES AND THEIR DEPENDENCE ON RISK FACTORS BY THE RESULTS OF EPIDEMIOLOGIC SCREENING</td>
<td>V.P. Kolosov, L.G. Manakov, E.V. Polyanskaya (Russia)</td>
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<td>EPIDEMIOLOGY OF RESPIRATORY DISEASES ON THE TERRITORY OF THE FAR-EAST OF RUSSIA: REGIONAL GRADIENTS OF INDICES</td>
<td>V.P. Kolosov, L.G. Manakov, E.V. Polyanskaya, S.V. Naryshkina, J.M. Perelman (Russia)</td>
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<td>THE EFFECTS OF GASOLINE-BASED AND LIQUEFIED PETROLEUM GAS-CONVERTED TAXI UNITS ON THE LUNG FUNCTIONS OF TAXI DRIVERS IN CEBU PHILIPPINES</td>
<td>M.A. Letigio-Uy, J.C. Aranas (Philippines)</td>
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<td>09:24</td>
<td>RELATIONSHIP BETWEEN DUST EXPOSURE LEVELS WITH VITAL CAPACITY AND FORCED VITAL CAPACITY ON TEXTIL FACTORY WORKERS IN YOGYAKARTA INDONESIA</td>
<td>E. Marfianti, F. Friaska (Indonesia)</td>
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<td>ASSESSMENT OF SLEEP DISORDERS INCLUDING SLEEP APNEA IN SHIFT AND NIGHT WORKER IN GENERAL HOSPITAL</td>
<td>T. Miyashita, T. Mio, H. Sasaki, K. Matsuda (Japan)</td>
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<td>OCCUPATIONAL ASTHMA IN BAKERY WORKERS IN MEDAN</td>
<td>D. Muchlis (Indonesia)</td>
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<td>EFFECTS OF ATMOSPHERIC POLLUTION ON THE PULMONARY FUNCTION OF A YOUNG POPULATION IN A CITY WITH POOR AIR QUALITY</td>
<td>D. Rosha, D.C. Rosha (India)</td>
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<td>N. Tapanwong (Thailand)</td>
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09:44 | DIFFICULTY OF SMOKING CESSATION FOR PATIENTS WITH MENTAL DISORDERS | 771 | 012 |
09:48 | SERUM BENZO(A)PYRENE DIOLEPOXIDE (BPDE) LEVEL IN KRETEK CIGARETTE SMOKERS: A PRELIMINARY STUDY | 772 | 013 |
09:52 | THE INCIDENCE OF POST-OPERATIVE PULMONARY COMPLICATIONS UNDERGOING MAJOR SURGERY AT PERPETUAL SUCCOUR HOSPITAL | 773 | 014 |
09:56 | INCIDENCE AND FACTORS ASSOCIATED WITH PLEURAL EFFUSION AMONG PEDIATRIC PATIENTS AFTER TOF CORRECTION | 774 | 015 |
10:00 | LACTOFERRIN AS A NATURAL ANTIOXIDANT PROTECTING LUNGS AND KIDNEYS AGAINST HYPEROXIC INJURY IN NF-ΚB/LUCIFERASE TRANSGENIC MICE | 775 | 016 |
10:04 | A COMPARISON BETWEEN THE CONVENTIONAL AND THE LARYNGOSCOPE-ASSISTED LIGHTWAND INTUBATION TECHNIQUES IN PATIENTS WITH CERVICAL IMMOBILIZATION | 776 | 017 |

Poster Presentation 11 - Critical Care Medicine 2

09:00 - 10:30 | Atrium |
--- | --- |
Chair: Rodolfo Bigornia (Philippines) | 777 |
Chair: Phunsup Wongsurakiat (Thailand) | 778 |
09:00 | THE PREDICTORS OF LONG-TERM SURVIVAL AND MORTALITY IN PATIENTS WITH COPD TREATED WITH MECHANICAL VENTILATION | 779 | 018 |
09:04 | HEME OXYGENASE-1 ACTIVATION MEDIATES THE PROTECTIVE EFFECT OF HYPERCAPNIC ACIDOSIS ON VENTILATOR-INDUCED LUNG INJURY | 780 | 019 |
09:08 | THE EFFECT OF PROTECTIVE LUNG VENTILATION DURING ONE-LUNG VENTILATION FOR THORACOSCOPIC LUNG SURGERY: HIGH RISK GROUP VERSUS LOW RISK GROUP | 781 | 020 |
09:12 | IMPACT OF ALVEOLAR RECRUITMENT MANEUVER ON EXTRAVASCULAR LUNG WATER IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME | 782 | 021 |
09:16 | RAPID SHALLOW BREATHING INDEX RATE AS A PREDICTOR OF WEANING OUTCOME DURING SPONTANEOUS BREATHING TRIAL: A COHORT STUDY | 783 | 022 |
Monday November 14

09:20 USEFULNESS OF HIGH-FLOW NASAL CANNULA OXYGEN THERAPY IN PATIENTS WITH ACUTE RESPIRATORY FAILURE UNDERGOING BRONCHOALVELOGAR LAVAGE
G. HONG, Y.S. KIM, J.S. PARK, Y.K. JEE (Republic of Korea)

09:24 RECONSTRUCTION AND IMPLEMENTATION OF INTENSIVE CARE BUNDLE MINIMIZE VENTILATOR ASSOCIATED PNEUMONIA
W. Horapong (Thailand)

09:28 CLINICAL PRACTICE AND PROFESSIONAL RESPONSIBILITY FOR MECHANICAL VENTILATION AND WEANING IN THAILAND
N. Kongpolprom (Thailand)

09:32 CLINICAL OUTCOMES AMONG CRITICALLY ILL PATIENTS WITH SEVERE COMMUNITY-ACQUIRED PNEUMONIA TREATED WITH B-LACTAM PLUS MACROLIDE VERSUS B-LACTAM PLUS FLUOROQUINOLONE: A SYSTEMIC REVIEW AND META-ANALYSIS
J. Noh, S. Han, J. Lee (Republic of Korea)

09:36 VARIBALE VENTILATION DECREASES AIRWAY RESPONSIVENESS IN ASTHMA
F. Ilka, M.R. Raoufy (Iran)

09:40 AN EVALUATION OF CURRENT PRACTICE AND CLINICAL OUTCOMES OF ARDS PATIENTS TREATED IN MEDICAL ICU
N. Sanguanwong, N. Kongpolprom (Thailand)

09:44 SEX DIFFERENCES IN RISK OF INFECTION AND SEVERE SEPSIS – A NATIONAL COHORT STUDY
H.N. Shen, C.L. Lu, C.Y. Li (Taiwan R.O.C.)

09:48 APPROPRIATE ANTIBIOTICS USAGE AND ITS IMPACT ON MORTALITY AMONG PATIENTS ADMITTED TO THE MEDICAL INTENSIVE CARE UNIT (MICU) IN A TERTIARY HOSPITAL IN SINGAPORE
M.Y. Sim, K.C. See (Singapore)

09:52 CHARACTERISTIC FACTORS OF “TIME TO APPROPRIATE ANTIBIOTICS” FOR SEPSIS IN MEDICAL INTENSIVE CARE UNITS
W.L. Su (Taiwan R.O.C.)

09:56 HOW DOES A VENTILATION (VEN) PROGRAM “D.E.S.E.R.V.E.”!
S.F. Wai, S.W. Ng, C.K. Hung, M. Lit, K.L. Choo, C.M. Chu, H.S. Chan, W.C. Yu (Hong Kong S.A.R.)

10:00 GOOD FOR CARE OF PATIENTS RECEIVING INVASIVE MECHANICAL VENTILATION IN DESIGNATED BEDS OF MEDICAL DEPARTMENT

10:04 THREE CASES OF MECHANICAL VENTILATION BY USING INTELLIVENT ASV IN OUR RESPIRATORY MEDICINE

10:08 EXTRACORPOREAL MEMBRANE OXYGENATION FOR ACUTE RESPIRATORY DISTRESS SYNDROME IN ADULTS: OUR EXPERIENCE IN SINGAPORE GENERAL HOSPITAL
Q.L. Tan, T.G. Lee, D.W. Sewa, S.Y. Low (Singapore)
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10:12 | 797 | 036 | ACUTE RESPIRATORY DISTRESS SYNDROME AND STRESS INDUCED CARDIOMYOPATHY AFTER MASSIVE BEE ENVENOMATION: A CASE REPORT
N. Wiboonsirichai, N. Kongpolprom (Thailand)

10:16 | 798 | 037 | ACTIVATING TRANSCRIPTION FACTOR 3 (ATF3) PROTECTS AGAINST PSEUDOMONAS AERUGINOSA-INDUCED ACUTE LUNG INJURY VIA BINDING TO LBP
(China)

10:20 | 799 | 038 | AGREEMENT OF THE STRESS INDEX DERIVED FROM PRESSURE-TIME CURVE WAVE FORM ANALYSIS AND THE STRESS INDEX ESTIMATED BY VISUAL INSPECTION
N. Yuangtrakul, P. Wongsurakiat (Thailand)

10:24 | 800 | 039 | THE PROGNOSTIC FACTORS IN VENTILATOR-ASSOCIATED PNEUMONIA BY ACINETOBACTER BAUMANNII DURING INTENSIVE CARE

Poster Presentation 12 - Bronchoscopy and Interventional Techniques 1

09:00 - 10:30 | Atrium | Chair: Noriaki Kurimoto (Japan)
Chair: Thitiwat Sriprasart (Thailand)

09:00 | 801 | 040 | A GIANT INTRAPULMONARY MATURE TERATOMA LOCATED ENTIRELY WITHIN THE LUNG: AN EXTRAORDINARY CASE
R.E. Villalobos, J. Benedicto, H. Almenario, J. Baldonado, A. Villarel (Philippines)

09:04 | 802 | 041 | POSSIBLE ROLE OF R-BUS TBNA TO DIAGNOSE SCLEROSING PNEUMOCYTOMA
W. Boweja, P. Korngruang (Thailand)

09:08 | 803 | 042 | LIVED EXPERIENCE OF ALL PATIENTS UNDERGOING FIBREOPTIC BRONCHOSCOPY
A. Chaudhury, U. Devaraj, G. Dsouza, P. Ramachandran, U. Maheswari (India)

09:12 | 804 | 043 | CRYOSURGERY FOR METASTATIC LUNG CANCER: A CASE REPORT
A.M. Jayusman, A.R. Hanafi, E. Soeratman, M.A. Hanif (Indonesia)

09:16 | 805 | 044 | ASSESSMENT OF THE USEFULNESS OF STRAIN RATIO OF ELASTOGRAPHY UNDER EBUS-TBNA

09:20 | 806 | 045 | AN INHALED FOREIGN BODY OVERLOOKED FOR 2 YEARS IN AN ADULT
M. Kamiyoshihara, T. Ibe, N. Kawatani, F. Ohsawa, R. Yoshikawa (Japan)

09:24 | 807 | 046 | INVESTIGATION OF UTILITY OF EBUS-TBNA IN THE DIAGNOSIS OF SARCOIDOSIS
Y. Kato (Japan)

09:28 | 808 | 047 | CASE REPORT: ENDOBRONCHEAL SCHWANNOMA: A RARE CASE OF UPPER AIRWAY OBSTRUCTION
N. Keurueangkul, J. Tscheikuna (Thailand)
09:32  A CASE THAT WAS ABLE TO RESCUE BY RAPID REMOVAL OF FOREIGN BODY
N. Kuwahara, N. Oda (Japan)

09:36  CASE SERIES OF BENIGN TRACHEOBRONCHIAL STENOSIS POST-
ENDOBRONCHIAL TUBERCULOSIS TREATED WITH BRONCHOSCOPIC
INTERVENTION IN A TERTIARY MALAYSIAN HOSPITAL
S.W. Leong, N. Mona Zaria, A.R. Jamalul Azizi (Malaysia)

09:40  FIBROPTIC FLEXIBLE BRONCHOSCOPY IN PEDIATRICS: WHY, WHEN, HOW
M.A. Moslehi (Iran)

09:44  EFFECT OF INHALED Budesonide ON THE COMPLICATIONS OF FLEXIBLE
BRONCHOSCOPY IN CHILDREN
M.A. Moslehi (Iran)

09:48  THE PREDICTIVE FACTORS OF DIAGNOSTIC BRONCHOSCOPY FOR NON-SOLID
LESIONS
T. Nakai, Y. Matsumoto, F. Suzuki, T. Tsuchida, T. Izumo (Japan)

09:52  ENDOBRONCHIAL ULTRASOUND-GUIDED TRANSPRONGIAL NEEDLE
ASPIRATION IN THE PHILIPPINES: A PRELIMINARY RETROSPECTIVE COHORT
STUDY ON DIAGNOSTIC OUTCOMES
F.A. Ponte, C. Chavez, R.E. Bisnar, M.K. Rivera (Philippines)

09:56  DIEULAFOY LESION OF BRONCHUS WITH SUCCESSFUL LASER COAGULATION:
A CASE REPORT
P. Raksasagulwong, J. Tscheikuna, P. Bespinyowong (Thailand)

10:00  UNUSUAL CAUSE OF CHRONIC COUGH: TRACHEOBRONCHOPATHIA
OSTEOCHONDROPLASTICA WITH ASPERGILLUS AND TUBERCULOSIS CO-
INFECTION.
T. Sanchat, P. Sangsayunh, P. Subhannachart (Thailand)

10:04  COMPARISON OF DIAGNOSTIC YIELD OF ENDOTRACHEAL ASPIRATE (ETA)
WITH BRONCHOALVEOLAR LAVAGE (BAL) IN PATIENTS WITH PNEUMONIA
P.J. Kumar, R.K. Yadav, S. Sobti (India)

10:08  SUCCESSFUL BRONCHOSCOPIC REMOVAL OF A “STUBBORN” TOOTH
LODED IN AIRWAY.
S.W. Leong, C.I. Soo, A.Y.L. Ban, T.M. Hassan, R. Abdul Manap, J.A. Abdul Rahaman
(Malaysia)

10:12  OUTCOME OF HIGH-FLOW NASAL CANNULA OXYGEN THERAPY IN PATIENTS
DURING FLEXIBLE BRONCHOSCOPY COMPARE WITH CONVENTIONAL NASAL
OXYGEN CANNULA
P. Vangtal (Thailand)
### Poster Presentation 13 - Asthma 1

**11:00 - 12:30**  
**Atrium**

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<td>824</td>
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<td>REPEATED BRONCHOCONSTRICTION DECREASES THE COMPLEXITY OF RESPIRATORY DYNAMICS IN GUINEA PIGS</td>
<td>E. Aref, M. Javan, M.R. Raoufy (Iran)</td>
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<td>825</td>
<td>060</td>
<td>THE IMPACT OF PATIENTS' COOPERATIVENESS AND DEPRESSION ON THE ASTHMA CONTROL ACHIEVEMENT</td>
<td>L.V. Bogovin, A.S. Shabanova, V.P. Kolosov, J.M. Perelman (Russia)</td>
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<td>11:08</td>
<td>826</td>
<td>061</td>
<td>ASTRAGALOSIDE IV AMELIORATES AIRWAY INFLAMMATION IN A MOUSE MODEL OF ASTHMA VIA MODULATING MTORC1 SIGNALING PATHWAY</td>
<td>H. Jin (China)</td>
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<td>ASTHMA: A PRACTICAL APPROACH TO MANAGEMENT</td>
<td>T.M. Cao, T.V. Nguyen, M. Nguyen (Japan)</td>
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<td>COPPER OXIDE NANOPARTICLES AGGRAVATE AIRWAY INFLAMMATION AND MUCUS PRODUCTION IN ASTHMATIC MICE VIA MAPK SIGNALING</td>
<td>S.H. Park, K. Je-Won, S. Na-Rae, K. Hyeun-A, J. Tae-Yang, S. In-Sik, K. Jong-Choon (Republic of Korea)</td>
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<td>THE EFFECT OF SHORT-TERM STRESS ON BREATHING PATTERN IN PATIENTS WITH CONTROLLED ASTHMA</td>
<td>M. Mohamadi, M.R. Raoufy (Iran)</td>
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<td>CHARACTERISTICS OF ASTHMA PATIENTS IN KOREA BY THE ANALYSIS OF NATIONWIDE DATABASE</td>
<td>C.K. Rhee, H.K. Yoon, K.H. Yoo (Republic of Korea)</td>
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<td>MELATONIN INHIBITS MUC5AC PRODUCTION VIA SUPPRESSION OF MAPK SIGNALING IN HUMAN AIRWAY EPITHELIAL CELLS</td>
<td>K. Je-Won, S. Na-Rae, P. Sung-Hyeuk, K. Hyeun-A, J. Tae-Yang, K. Jong-Choon, I.S. Shin (Republic of Korea)</td>
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<td>11:44</td>
<td>835</td>
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<td>ASTHMA CONTROL AND QUALITY OF LIFE IN ‘NOT WELL CONTROLLED ASTHMA’</td>
<td>A. Suresh, M.A. Ashwini (India)</td>
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11:48 FORCED EXPIRATORY VOLUME IN 1 SECOND AND FORCED VITAL CAPACITY IN BRONCHIAL ASTHMA PATIENTS RELATED TO ASTHMA EXERCISE
H. Suryadinata, A. Atika Andianti (Indonesia)

11:52 EVALUATION OF ASTHMA CONTROL AND DISEASE PERCEPTION: A MULTI-CENTER, CROSS-SECTIONAL ANALYSIS

11:56 CLINICAL FEATURES OF ALLERGIC AND NON-ALLERGIC ASTHMA IN ADULTS
M. Wei, C. Liu (China)

12:00 A MULTI-CENTER RETROSPECTIVE ANALYSIS OF CLINICAL CHARACTERISTICS AND COSTS IN ASTHMATIC PATIENTS HOSPITALIZED WITH EXACERBATION

Poster Presentation 14 - Asthma 2
11:00 - 12:30 Atrium

11:00 STIGMA IN ASTHMA PATIENTS: A CROSS-SECTIONAL STUDY TO ESTABLISH THE PSYCHOMETRIC PROPERTIES OF MALAY VERSION OF STIGMA SCALE (M-SS)
S. AHMAD, A.I. ISMAIL, M.A.M. ZIM, M. QAMAR, N.E. ISMAIL (Malaysia)

11:04 THE EXPERIENCE OF DEVELOPMENT OF DIGITAL PEAK FLOW METER WITH ASTHMA MONITORING SYSTEM
C.H. An, S. Park, H. Ein-Jeong, J.H. Han, J.W. Min, S.J. Park, C.S. Lee (Republic of Korea)

11:08 CAN LTRA BE WITHDRAWN SAFELY FROM COMBINATION THERAPY WITH MEDIUM TO HIGH DOSE OF ICS/LABA, TIOTROPIUM BROMIDE AND LTRA IN SEVERE ASTHMATICS?
M. Hojo, M. Iikura, M. Suzuki, H. Sugiyama (Japan)

11:12 ASSOCIATION OF SPECIFIC IMMUNOGLOBULIN E TO STAPHYLOCOCCAL ENTEROTOXIN WITH AIRWAY HYPERRESPONSIVENESS IN ASTHMA PATIENTS
S.H. Kim, H. Park (Republic of Korea)

11:16 CONVERGING RISK FACTORS AT THE INTERFACE BETWEEN CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) & ASTHMA IN LOW INCOME COUNTRY (LIC): RE CONSTRUCTING THE LUNG HEALTH PARADIGM
P. Koirala, N. Bhatta, R. Chhetri, R. Ghimire, D. Mishra, B. Bista, B. Shah (Nepal)

11:20 PATTERN OF FOOD SENSITIZATION IN ASTHMATIC PATIENTS IN INDIA
R. Kumar, N. Malhotra (India)
PREVALENCE OF BACTERIAL AND VIRAL INFECTIONS IN ACUTE EXACERBATION OF BRONCHIAL ASTHMA IN SINGLE CENTER IN SOUTH KOREA

THE INFLUENCE OF NEUTROPHILIC COMPONENT OF BRONCHIAL INFLAMMATION ON THE LEVEL OF ASTHMA CONTROL AND THE LUNG FUNCTION
J.M. Perelman, A.B. Pirogov, A.G. Prikhodko, S.V. Zinov’ev, V.P. Kolosov, S.V. Naryshkina (Russia)

INFLUENCE OF COMBINATION THERAPY ON THE CONTROL OF BRONCHIAL INFLAMMATION IN ASTHMA PATIENTS WITH COLD AIRWAY HYPERRESPONSIVENESS
J.M. Perelman, A.B. Pirogov, A.G. Prikhodko, S.V. Zinov’ev, V.P. Kolosov (Russia)

DYNAMICS OF LIPID HYDROPEROXIDES, VITAMIN E AND CERULOPLASMIN IN THE BLOOD SERUM OF PATIENTS WITH ASTHMA IN RESPONSE TO INHALATION OF DISTILLED WATER
J.M. Perelman, A.G. Prihodko, E.A. Borodin, M.A. Shtarberg (Russia)

PREVALENCE OF ASTHMA AMONG STREET SWEEPERS IN JAKARTA, 2016: A PRELIMINARY STUDY
M. Purwitasari, A. Dwi Susanto, B. Antariksa (Indonesia)

OCCURRENCE OF CUTANEOUS SENSITIZATION TO ASPERGILLUS FUMIGATUS IN ASTHMATIC PATIENTS
D.R. Priya, U. Devaraj, U. Maheswari, G. D’Souza (India)

OMALIZUMAB FOR TWO PATIENTS WITH SEVERE PERSISTENT BRONCHIAL ASTHMA (A UKMMC EXPERIENCE)
Z. Mohamed Fuad, C.I. Soo, F. Abdul Hamid, A.Y.L. Ban, T.M. Hassan, R. Abdul Manap (Malaysia)

REAL-LIFE CHARACTERISTICS OF ASTHMA INHALER DEVICE USE IN SOUTH KOREA

GLCCI1 RS37973 IS ASSOCIATED WITH THE RESPONSE OF ADRENAL HORMONE TO GLUCOCORTICOID IN ASThma
Q. Xun (China)

Poster Presentation 15 - Clinical Allergy and Immunology + Pulmonary Circulation

Chair: Nobuaki Miyahara (Japan)

Chair: Suree Sompradeekul (Thailand)

SEVERE PULMONARY HYPERTENSION FROM PULMONARY THROMBOEMBOLISM AND PATENT DUCTUS ARTERIOSUS IN A PATIENT WITH OVARIAN CANCER: A VERY DANGEROUS COMBINATION
R.E. Villalobos, J. Mojica, M.A. Chan (Philippines)
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**PAINFUL AND BLOODY YOUNG LUNG: A CASE REPORT**  
M.A. Tan-Reyes (Philippines)

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**16:00 THE EFFECTS OF LONG TERM OXYGEN THERAPY IN STABLE COPD PATIENTS WITH HOME NURSING: A 5-YEAR, FOLLOW-UP STUDY.**  

**16:04 STUDY DESIGN OF VESUTO; STUDY TO EVALUATE THE EFFICACY OF TIOTROPium+OLODATerol VS TIOTROPium ON LUNG HYPERINFLATION, EXERCISE CAPACITY, AND PHYSICAL ACTIVITY IN JAPANESE COPD PATIENTS**  

**16:08 COMPARISON OF PEAK INSPIRATORY FLOW RATE ACHIEVED BY COPD PATIENTS THROUGH THE BREEZHALER®, THE ELLIPTA® AND THE HANDIHALER® DRY POWDER INHALERS**  
P. Goyal, L. Wehbe, J. Dederichs, T. Guerin, M. Cardenas Moronta, A. Valeria Pino, S. Hristoskova, P. Altman (Switzerland)

**16:12 FRAILTY ASSESSED BY THE KIHON CHECKLIST AND PATIENT-REPORTED OUTCOMES IN PATIENTS WITH STABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE**  
M. Kusunose, S. Nakamura, K. Senda, K. Nishimura (Japan)

**16:16 BACTERIAL ETIOLOGY IN EARLY READMISSION PATIENTS WITH ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**  
J. Lin, S.S. He, H.Y. Li, J.X. Feng (China)

**16:20 PATIENTS’ PERCEPTION OF FEED-BACK MECHANISM WITH THE BREEZHALER® DEVICE COMPARED TO THE ELLIPTA® DEVICE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD): THE ADVANTAGE STUDY**  

**16:24 INDACATEROL/GLYCOPYRroneum (IND/GLY) IS SUPERIOR TO SALMETEROL/FLUTICASONE (SFC) IN ASIAN PATIENTS WITH MODERATE-TO-VERY SEVERE COPD AT A HIGH RISK OF EXACERBATIONS: FLAME STUDY RESULTS**  
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**Tuesday, 15 November 2016**

Poster Presentation 19: Tuberculosis 2 + Respiratory Infections (non-tuberculous) + Interstitial Lung Disease 3  
08:00 - 09:30  

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T. Boonsong, N. Chierakul (Thailand) | 944     | 004     |
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W. Koesoemoprodjo, I. Syafa’ah (Indonesia) | 945     | 005     |
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| 08:24  | **RISK FACTORS FOR DETERIORATION IN ACTIVE TUBERCULOSIS PATIENTS: A RETROSPECTIVE STUDY IN A SINGLE CENTER**  
| 08:28  | **SEVERE TB INFECTION WITH SECONDARY ORGANIZING PNEUMONIA TREATED WITH STEROID: CASE SERIES**  
Y. Nakano, R. Arai, S. Aida, K. Arakawa, J. Kagyo, K. Nishio, Y. Nakajima (Japan) | 948     | 008     |
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D. Prastuty (Indonesia) | 949     | 009     |
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A. Aida Siregar, B. Bintang Yinke Magdalena Sinaga, Y. Yahwardiah Siregar (Indonesia) | 950     | 010     |
| 08:40  | **EVALUATION OF DECENTRALISED USE OF THE XPERT MTB/RRIF TEST FOR DIAGNOSIS OF TUBERCULOSIS AND MULTIDRUG RESISTANCE IN RAYONG HOSPITAL, THAILAND.**  
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K. Matsumoto, R. Imanishi, Y. Sano, N. Mori, H. Kurosawa (Japan)

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P. Chen, J. Liu, F. Zhao, J. Yang, J. Tian, Z. Ma (China)

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BMC designs, develops, manufactures and markets a full range of sleep diagnosis and therapy products including CPAP, BiPAP machines, sleep screener, PSG and CPAP masks. The company distributes its products in over 80 countries by working with some of the most well-established brand names in the industry. BMC is committed to the development of innovative, high quality, cost-effective new products for the sleep and respiratory care industry.

BOEHRINGER- INGELHEIM PTE.LTD  BOOTH NUMBER: A9,A10,A15,A16
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The Boehringer Ingelheim group is one of the world’s 20 leading pharmaceutical companies. Headquartered in Ingelheim, Germany, Boehringer Ingelheim operates globally with 146 affiliates and a total of more than 47,700 employees. The focus of the family-owned company, founded in 1885, is researching, developing, manufacturing and marketing new medications of high therapeutic value for human and veterinary medicine. In 2014, Boehringer Ingelheim achieved net sales of about 13.3 billion euros. R&D expenditure corresponds to 19.9 per cent of its net sales.
Boston Scientific is a leading innovator of medical solutions that improve the health of patients around the world. Our products and technologies are used to diagnose or treat a wide range of medical conditions, including heart, digestive, pulmonary, vascular, urological, women’s health, and chronic pain conditions. We continue to innovate in these areas and are extending our innovations into new geographies and high-growth adjacency markets.

Pulmonary is one of the product lines in Boston Scientific. We are committed to advancing the diagnosis and treatment of pulmonary diseases by focusing on the development of less invasive devices and procedures. We now offer the first FDA-approved device that provides a long-lasting reduction in asthma exacerbations for adult patients with severe asthma.

Chiesi is a multinational pharmaceutical company with headquarters in Parma, Italy. It is an R&D based company focused on Respiratory, Neonatology and Rare diseases. Chiesi has 5 R&D centres (Italy, USA, France, UK and Denmark) and 3 manufacturing plants (Italy, France and Brazil) around the world. According to EU Commission scoreboard 2014, Chiesi is the 16th company in Europe for R&D investments and the 1st Italian company in Europe for patent deposits.

Chiesi’s exclusive partner in Thailand is Pacific Healthcare.

Founded in 1963, Cook Medical pioneered many medical devices now commonly used to perform minimally invasive medical procedures throughout the body. Today, the company integrates medical devices, drugs and biological grafts to enhance patient safety and improve clinical outcomes through our 10 Strategic Business Units – Aortic Intervention, Critical Care, Endoscopy, Interventional Radiology, Lead Management, Otolaryngology/Head and Neck surgery, Peripheral Intervention, Surgery, Urology, and Women’s Health. Since its inception, Cook has operated as a private-held corporation with headquarters located in Bloomington, Indiana, the United States of America.
DAIICHI SANKYO (THAILAND) LTD

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“Daiichi Sankyo is a global pharmaceutical company with corporate origins in Japan. We provide innovative products and services in more than 50 countries around the world. With more than 100 years of scientific expertise, our company draws upon a rich legacy of innovation and a robust pipeline of promising new medicines to help patients.

Through the outstanding knowledge and commitment of our 30,000 employees worldwide, we create innovative new and generic medicines, and new methods of drug discovery and delivery. We share a passion for innovation, as well as compassion for the patients around the world who are in need of our medicines.”

E FOR L AIM PUBLIC COMPANY LIMITED

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ERBE SINGAPORE PTE LTD

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Email: Ganesh.Lim@erbe-singapore.com

As a family-owned and operated business, Erbe develops and markets surgical systems for professional use in various medical disciplines around the world. Erbe technology leads the market in many countries and is therefore an inherent part of the working processes in the OR.

The portfolio comprises devices and instruments for electrosurgery, vessel sealing, argon plasma coagulation (APC), cryosurgery and hydrosurgery. By combining these technologies, innovative applications become possible, in general surgery, gastroenterology, gynecology, pulmonology and urology.

Erbe employs more than 900 people worldwide, and over 100 of them work in research and development
ERS is an international organisation that brings together physicians, healthcare professionals, scientists and other experts working in respiratory medicine. We are one of the leading medical organisations in the respiratory field, with a growing membership representing over 140 countries worldwide.

ERS was founded in London in 1990 from the merger of the Societas Europaea Physiologiae Clinicae Respiratoriae (SEPCR, founded 1966) with the European Society of Pneumology (SEP, founded 1981). Our mission is to promote lung health in order to alleviate suffering from disease and drive standards for respiratory medicine globally. Science, education and advocacy are at the core of everything we do. One in eight people in Europe die due to lung diseases – this means one person every minute. It includes well known diseases like asthma and lung cancer and other less known like Chronic Obstructive Pulmonary Disease (COPD), which is now the third most common cause of death. ERS is involved in promoting scientific research and driving standards through the training of respiratory professionals. It also plays a key role in education and in advocacy – raising awareness of lung disease amongst the public and politicians.

Fisher & Paykel Healthcare is a leading designer, manufacturer and marketer of products and systems for use in respiratory care, acute care, surgery and the treatment of obstructive sleep apnea. We have been helping to improve the care of patients in Asia Pacific for over 30 years.

A great example of our inspired and world-leading healthcare solutions is Optiflow, a Nasal High Flow System that provides a cost effective therapy to all spontaneously breathing patients requiring respiratory support. For more information about the company, visit our website www.fphcare.com.

The world’s international respiratory societies formed a collective in 2001, called the Forum of International Respiratory Societies (FIRS), to highlight the importance of respiratory disease for global health and prosperity. Their memberships comprise over 70,000 professionals, who devote their working lives to some aspect of respiratory health or disease.

The goal of each of the FIRS societies is to promote respiratory health. The goal of FIRS is to speak with one voice to promote respiratory health worldwide. The member societies of FIRS consist of the world leaders in respiratory health and they speak for the entire field. The members of these societies cover the globe and touch many, or most, persons with serious respiratory disease. FIRS, its societies, their members and the patients they serve, with millions of voices harmonised into one, call out for action to reduce, prevent, cure and control the terrible burden of respiratory disease.
FUJIFILM (THAILAND) LTD.

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GSK is a science-led healthcare company that researches and develops innovative medicines, vaccines and consumer healthcare products. People are at the heart of what we do. We want to help them do more, feel better and live longer. Over 50 years, GSK Thailand is committed to improve the quality of people’s lives through many activities. Under GSK’s corporate “Access to Medicine” initiative, we partner to bring access to healthcare to Thai people. GSK Medicine Bank, a partnership with the Thai Red Cross Society and Nursing Excellence Program, in collaboration with the Praboromarajchanok Institute for Health Workforce Development makes healthy communities.

MEDELA AG

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Medela was founded in 1961 by Olle Larsson and is headquartered in Switzerland. Under the leadership of Olle Larsson’s son Michael, it has become a global player in breastfeeding products and medical vacuum technology thanks to continued research, innovation and the evaluation of customers’ needs. Medela has 18 subsidiaries in Europe, North America and Asia and distributes its products in more than 100 countries, either directly or through independent partners. Medela has a staff of over 1,500 worldwide.

MEDITOP THAILAND CO., LTD

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As a global leader in medical technology, services and solutions, Medtronic improves the health and lives of millions of people each year. We believe our deep clinical, therapeutic and economic expertise can help address the complex challenges — such as rising costs, aging populations and the burden of chronic disease — faced by families and healthcare systems today. But no one can do it alone. That’s why we’re committed to partnering in new ways and developing powerful solutions that deliver better. Website: www.medtronic.com

MSD

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Today’s MSD is a global healthcare leader working to help the world be well. Through more than 50 prescription products in key therapeutic areas such as, respiratory disease, immunology, infectious disease, cardiovascular disease, oncology and women’s health. Our core business is the discovery and development of prescription medicines for diseases and conditions that impact millions of people. We’re committed to improving health and well-being around the world.

MUNDIPHARMA PTE LTD

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One of the fastest-growing pharmaceutical companies, Mundipharma’s mission is to alleviate the suffering of patients and to substantially improve their quality of life. Our unique structure enables us to put patients at the heart of everything we do, focusing on specialist areas where we can make the most difference: Pain, Oncology and Oncology Supportive Care (including Chemotherapy-Induced Nausea and Vomiting, Oral Mucositis), Respiratory, Ophthalmology, Antisepsis and Consumer Health.

This approach is supported by scientific breakthroughs that result in innovative treatments. With offices across Asia-Pacific, Latin America, the Middle East and Africa, and a global network, we now touch the lives of patients across six continents.

NOVARTIS PHARMA AG

Address: 4002 Basel, Switzerland

Novartis provides innovative healthcare solutions that address the evolving needs of patients and societies. Headquartered in Basel, Switzerland, Novartis offers a diversified portfolio to best meet these needs: innovative medicines, eye care and cost-saving generic pharmaceuticals. Novartis is the only global company with leading positions in these areas. Novartis Group companies employ approximately 118,000 full-time-equivalent associates. Novartis products are available in more than 180 countries around the world.
At Olympus, we work with health care professionals every day, matching our innovative capabilities in medical technology and precision manufacturing with their skills to provide the best possible outcomes for patients and society. As the healthcare industry focuses on early detection of diseases and minimally invasive procedures, Olympus is there to deliver the diagnostic and therapeutic technologies they need to treat their patients.

**Business Lines**

Endoscopes: Endoscopic video imaging systems, Gastrointestinal/Colono/Duodeno/Broncho endoscopes, endoscopic ultrasound systems; ultrasound endoscopes/probes; ultrasound centers; capsule endoscopy systems; disinfecting and sterilization systems; medical information systems; therapeutic peripherals; ancillary products

**Endotherapy:** Endotherapy products.

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**OXFORD IMMUNOTEC LTD**

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Oxford Immunotec is a global, high-growth diagnostics company focused on developing and commercialising proprietary tests for the management of immune-regulated conditions. The Company’s initial product is the T-SPOT®.TB test which tests for latent tuberculosis infection and active TB disease. The T-SPOT.TB test is FDA approved and CE marked in Europe, Japan and China and has been approved for sale in over 50 countries. The Company’s most current product release is the T-SPOT.CMV, which is CE marked in Europe with five additional products in the pipeline. For more information please visit www.oxfordimmunotec.com.

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**PARI GMBH**

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For 110 years specialists in developing and manufacturing products for respiratory diseases, PARI is well known worldwide as “The GOLD Standard” in nebuliser therapy. We combine tradition with innovation to improve the lives of those affected by respiratory diseases and those who care for them.

PARI has become a synonym for inhalation therapy and is now a “Brand of the Century”. The core of the PARI portfolio includes nebuliser systems, inhalation solutions as well as diagnostic products.

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**PENTAX MEDICAL**

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PENTAX Medical is a division of HOYA Group delivering endo-imaging solutions. Established in 1919, Our mission is to improve the standard of patient care and quality of healthcare delivery by providing the best endoscopic products and services with a focus on QUALITY, CLINICALLY RELEVANT INNOVATION, and SIMPLICITY. Through leading edge R&D and manufacturing, PENTAX Medical provides endoscopic imaging devices and solutions to the global medical community. Headquartered in Japan, We has a worldwide focus and presence with R&D, regional sales, service, and in-country facilities around the globe. PENTAX Medical employees represent the diverse countries where we do business, allowing us to provide innovative solutions tailored to meet local needs.
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At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and manufacture of health care products. Our global portfolio includes medicines and vaccines as well as many of the world’s best-known consumer health care products. Every day, Pfizer colleagues work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time. Consistent with our responsibility as one of the world’s premier innovative biopharmaceutical companies, we collaborate with health care providers, governments and local communities to support and expand access to reliable, affordable health care around the world. For more than 150 years, Pfizer has worked to make a difference for all who rely on us. To learn more, please visit us at www.pfizer.com.

PHILIPPINE COLLEGE OF CHEST PHYSICIANS (PCCP)  

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Established on April 25, 1973, the Philippine College of Chest Physicians is a value-centered specialty organization acknowledged as the authority in pulmonary medicine in the country. It empowers its members, who are recognized and respected experts in the field, to constantly adapt and innovate to set the benchmark of excellence in the practice of pulmonary medicine in the Philippines.

Upcoming meetings:
- 36th PCCP Annual Chest Convention & 4th ASEAN Sleep Congress on March 7-10, 2017 at the Philippine International Convention Center, Manila, Philippines
- 20th PCCP Midyear Convention on October 5-7, 2017 in Cebu City, Philippines

RESMED  

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We are a global leader in the development, manufacturing and marketing of innovative medical products for the treatment of respiratory disorders, with a focus on sleep-disordered breathing.

SHANGHAI RESPIRATORY RESEARCH INSTITUTE  

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In order to improve the innovation ability of science and technology, to cultivate and attract outstanding talents, Shanghai Respiratory Research Institute was established on January 17th, 2012. Prof. Chunxue Bai was appointed as the director. Focusing on five innovative laboratories, four clinical research bases and three international platforms, the institute invents proprietary intellectual property rights of innovative drugs, new technologies for diagnosis and treatment, and medical equipment, being closely combined with national demand and international cutting-edge innovation. Over the past three years, the group has published more than 120 articles in SCI index, obtained 10 invention patents, and developed 12 consensus and guidelines.
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ZAMBON SPA/ S.M. PHARMACEUTICAL

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Zambon is one of the world’s leading pharmaceutical and chemical multinationals, earning a strong reputation over the years for its high-quality products, flexibility and customer service.

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