COMPLEXITY OF ASTHMA AND ITS COMORBIDITIES

Organized by
Thoracic Society of Thailand under Royal Patronage
Department of Experimental Medicine / University of Rome 'Tor Vergata'
Department of Allergy and Immunology / Hospital Quironsalud Bizkaia
Department of Respiratory Medicine / Imperial College London

and Fondazione Internazionale Menarini

Bangkok (THAILAND)
November 10th - 11th, 2018

Congress Venue
Conrad Bangkok Hotel
87 Wireless Road, Pathumwan
10330 Bangkok, Thailand
Chronic obstructive pulmonary disease (COPD) is defined by the limitation of fixed airflow associated with an abnormal pulmonary and systemic inflammatory response of the lungs to cigarette smoke.

Systemic inflammation induced by smoking can also cause chronic heart failure, metabolic syndrome and other chronic diseases, which can contribute to the clinical manifestations and natural history of COPD. Therefore, COPD can no longer be considered a lung disease alone, as it is often associated with a wide range of systemic consequences.

A better understanding of the origin and consequences of systemic inflammation and potential therapies will most likely lead to better care of patients with COPD. Medical textbooks and clinical guidelines still largely ignore the fact that COPD rarely occurs in isolation.

Diagnosis and assessment of the severity of COPD can be strongly influenced by the presence of comorbid conditions, in fact it is believed that the measurement of lung function, the non-invasive evaluation of cardiovascular and metabolic functions and circulating inflammatory markers (for example C-protein reactive) can help to better characterize these patients. In the same way, preventive and therapeutic interventions should direct the patient in its complexity.

Senescence is an irreversible process by which cells enter into a permanent cell cycle arrest with generalized molecular changes. Senescent cells remain metabolically active and most of them show a secretory phenotype; through its secretion may induce senescence or cancer in other cells. The secretory cells in the so-called transient senescence may participate in embryogenesis, tissue regeneration and immune response. The deleterious changes associated with age affect the immune system members and the immune senescence cause poor response to vaccines and susceptibility to cancer and infections. These latter are a frequent cause of asthma mostly in the elderly, the incidence is increasing in old people, and it may be related with those anatomical, physiological and immune changes caused by age, asthma chronicity and external agents. Comorbidity in the elderly worsens the ailment and hinders diagnosis, therefore, knowledge and handling of these clinical entities must be in control by the physicians responsible of the first level attention to old patients.

The goals of the congress are also to share the pharmacological approach to the complexity of asthma and its comorbidities and the treatments centred on the lungs and their potential to modify systemic effects of asthma.

We will address these important issues in Bangkok, on November 10th – 11th, 2018
Presidents of the Meeting

Nitipatana Chierakul (Bangkok, TH)
Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University

Maneechotesuwan Kittipong (Bangkok, TH)
Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University

Mario Cazzola (Rome, IT)
Honorary Professor of Respiratory Medicine - Chair of Respiratory Medicine
Department of Experimental Medicine and Surgery - University of Rome 'Tor Vergata”

Ignacio Ansotegui (Bilbao, SP)
Head of the Department of Allergy and Immunology, Hospital QUIRONSA Ald Bizkaia
President of the World Allergy Organization (WAO),
President of Southern European Allergy Societies (SEAS)

Peter Barnes (London, UK)
Margaret Turner-Warwick Professor of Medicine
Head of Respiratory Medicine, Imperial College London
Airway Disease Section, National Heart & Lung Institute

Co-Organized by

Fondazione Internazionale Menarini
Centro Direzionale Milanofiori - 20089 Rozzano (Milan, Italy)
Edificio L – Strada 6 - Phone: +39 02 55308110 - Fax: +39 02 55305739
E-mail: milan@fondazione-menarini.it - Website:\www.fondazione-menarini.it

Organizing Secretariat

Collage S.p.A.
Central Office: Via Umberto Giordano 37 - 90144 Palermo, Italy
Phone: +39 091 6867418 - Fax: +39 091 9889354
E-mail: giorgia.napolitano@collage-spa.it - Website: \www.collage-spa.it
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<tr>
<th>Name</th>
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<tr>
<td>Ian Michael Adcock</td>
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<td>Ignacio Ansotegui</td>
<td>Hospital Quironsalud Bizkaia - Bilbao - ES</td>
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<td>Peter Barnes</td>
<td>Imperial College London - London - UK</td>
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<td>Semra Bilaceroglu</td>
<td>University of Izmir - Izmir - TR</td>
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<td>Fulvio Braido</td>
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<td>Mario Cazzola</td>
<td>University of Rome 'Tor Vergata' - Rome - IT</td>
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<td>Nitipatana Chierakul</td>
<td>Mahidol University - Bangkok - TH</td>
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<td>Kian Fan Chung</td>
<td>NHLI, Imperial College London - London - UK</td>
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<td>Nicola Alexander Hanania</td>
<td>Texas Children's Hospital - Houston - US</td>
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<td>Tsunahiko Hirano</td>
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<td>Maneechotesuwan Kittipong</td>
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<td>Maria Gabriella Matera</td>
<td>The Second University of Naples - Naples - IT</td>
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<td>Yamada Mitsuiro</td>
<td>Tohoku University Graduate School of Medicine - Sendai - JP</td>
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<td>Clive P. Page</td>
<td>King's College London - London - UK</td>
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<td>Reynold A. Panettieri</td>
<td>Robert Wood Johnson University Hospital - New Brunswick - US</td>
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<td>Giovanni Passalacqua</td>
<td>University of Genoa - Genoa - IT</td>
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<td>Ted Popov</td>
<td>University Hospital &quot;Sv. Ivan Rilski&quot; - Sofia - BG</td>
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<td>Paola Rogliani</td>
<td>University of Rome 'Tor Vergata' - Rome - IT</td>
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<td>Neil C. Thomson</td>
<td>University of Glasgow - Glasgow - UK</td>
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SATURDAY, NOVEMBER 10TH – MORNING

08.30 a.m. Registration of participants

INTRODUCTION

09.00 a.m. MARIO CAZZOLA (ROME, IT)
NITIPATANA CHIERAKUL (BANGKOK, TH)
MANEECHOTESUWAN KITTIPONG (BANGKOK, TH)
Welcome to participants and opening remarks

OPENING LECTURE

Chairperson: ACHILLE CAPUTI (MESSINA, IT)
09.15 a.m. PETER BARNES (LONDON, UK)
Senescence of the immune system and alterations related with asthma

SESSION I - The complexity of asthma and its comorbidities

Chairpersons: GIORGIO WA LTER CANONICA (MILAN, IT)
NITIPATANA CHIERAKUL (BANGKOK, TH)
NEIL C. THOMSON (GLASGOW, UK)

10.00 a.m. KIAN FAN CHUNG (LONDON, UK)
Asthma endotypes: A new approach to classification of disease entities within the asthma syndrome

10.30 a.m. IAN MICHAEL ADCOCK (SUTTON, UK)
Inflammasome in asthma: from bench to bedside

11.00 a.m. PAOLA ROGLIANI (ROME, IT)
Is it severe asthma or asthma with severe comorbidities?

11.30 a.m. Discussion

11.50 a.m. Coffee break
SESSION II - Treatments centred on the lungs and their potential to modify systemic effects of asthma I

Chairpersons: Ian Michael Adcock (Sutton, UK)
Maneechotesuwan Kittipong (Bangkok, TH)
Giovanni Passalacqua (Genoa, IT)

12.20 p.m. Yamada Mitsuhiro (Sendai, JP)
The cholinergic anti-inflammatory pathway: An innovative treatment strategy for asthma and its comorbidities

12.55 p.m. Mario Cazzola (Rome, IT)
Bronchodilators in subjects with asthma-related comorbidities

01.25 p.m. Fulvio Braido (Genoa, IT)
Do inhaled corticosteroids protect against asthma-related comorbidities?

01.55 p.m. Discussion

02.15 p.m. Lunch

Saturday, November 10th – Afternoon

SESSION III - Treatments centred on the lungs and their potential to modify systemic effects of asthma II

Chairpersons: Nicola A. Hanania (Houston, US)
Maria Gabriella Matera (Naples, IT)

03.15 p.m. Clive P. Page (London, UK)
PDE4 inhibitors and their potential role in the treatment of asthma and its comorbidities

03.50 p.m. Reynold A. Panettieri (New Brunswick, US)
Biological therapies: risks vs benefits

04.25 p.m. Semra Bilaceroglu (Izmir, TR)
How effective is bronchial thermoplasty for severe asthma in clinical practice?

04.55 p.m. Discussion

05.15 p.m. Nicola A. Hanania (Houston, US)
Maria Gabriella Matera (Naples, IT)
Closing remarks
INTRODUCTION
08.45 a.m.  MARIO CAZZOLA (Rome, IT)
Opening remarks

SESSION IV - Emerging questions in the treatment of asthma and its comorbidities
Chairpersons:  CLIVE P. PAGE (London, UK)
               FULVIO BRAIDO (Genoa, IT)
09.00 a.m.  MARIA GABRIELLA MATERA (Naples, IT)
β-Blockers and asthma: current controversies and uncertainties
09.40 a.m.  NEIL C. THOMSON (Glasgow, UK)
Targeting systemic inflammation to treat asthma and its comorbidities
10.20 a.m.  NICOLA HANANIA (Houston, US)
Obesity in asthma: to treat or not to treat?
11.00 a.m.  Discussion
11.20 a.m.  Coffee break

SESSION V - A link between asthma and rhinitis
Chairpersons:  IGNACIO ANSOTEGUI (Bilbao, ES)
               GIORGIO WALTER CANONICA (Milan, IT)
11.50 a.m.  TSUNAHIKO HIRANO (Ube, JP)
What role does rhinitis play in asthma severity?
12.30 p.m.  TED POPOV (Sofia, BG)
Allergic rhinitis and its impact on asthma (ARIA) guidelines
01.10 p.m.  GIOVANNI PASSALACQUA (Genoa, IT)
The control of allergic rhinitis in real life
01.50 p.m.  Discussion
02.10 p.m.  Lunch

CLOSING LECTURES
Chairperson:  KIAN FAN CHUNG (London, UK)
03.10 p.m.  GIORGIO WALTER CANONICA (Milan, IT)
The road to precision medicine in asthma: challenges and opportunities
03.50 p.m.  IGNACIO ANSOTEGUI (Bilbao, ES)
Take home messages
Meeting venue
Conrad Bangkok Hotel – 87 Wireless Road, Pathumwan, 10330 Bangkok, Thailand

Secretariat during the Meeting
The Secretariat will be open at the following times:
Saturday, November 10th, from 07.30 a.m. to 06.30 p.m.
Sunday, November 11th, from 07.30 a.m. to 04.30 p.m.

Official language
English is the official language of the Meeting

Registration
The Meeting is free to attend. Please confirm the participation to the Organizing Secretariat

Technical facilities
Facilities will be available for computer presentations and overhead projections.
A Slide Centre with PCs (Windows and Macintosh operating systems) will be available for Speakers to preview and finalize their presentations. Speakers are kindly requested to submit their presentations to the Slide Centre technicians at least one hour before their talks.

Slide Centre opening hours:
Saturday, November 10th, from 07.30 a.m. to 06.30 p.m.
Sunday, November 11th, from 07.30 a.m. to 04.30 p.m.

Lunches and coffee breaks
Lunches and coffee breaks will be served in the Meeting area.