You Are Invited to Attend

World Allergy Organization
International Scientific Conference (WISC 2012)

Severe Allergies, Severe Asthma:
New Strategies for Optimal Treatment & Prevention
(CME credits will be available)

Hyderabad, India
6-9 December 2012

www.worldallergy.org/wisc2012
WISC 2012 6-9 December 2012 Hyderabad INDIA

World Allergy Organization International Scientific Conference

CONFERENCE SECRETARIAT
World Allergy Organization
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Milwaukee, WI 53202 USA
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Fax: +1 414 276 3349

General Inquiries
WISc@worldallergy.org

Registration OPEN!
wiscRegistration@worldallergy.org

Exhibition & Sponsorship
WISCExhibition@worldallergy.org

Conference Website
www.worldallergy.org/WISC2012

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MISSON
WAO’s mission is to be a global resource and advocate in the field of allergy, asthma and clinical immunology advancing excellence in clinical care through education, research and training as a worldwide alliance of allergy, asthma and clinical immunology societies.

CONTENTS
Welcome & Invitation to Participate ........................ 3
WAO Board and Conference Committees ................. 4
Conference Information ..................................... 5
Program-At-A-Glance ...................................... 6-7
Preliminary Scientific Program .............................. 8-15
Registration Information ..................................... 16
About Hyderabad ............................................. 17
Pre & Post Conference Tours ............................... 18-22
Day & Evening Tours for Companions .................... 23

IMPORTANT DATES TO REMEMBER
4 December 2011
Online Registration Open
20 February 2012
Abstract Submission Open
15 July 2012
Early Registration Deadline
15 July 2012
Abstract Submission Deadline
31 October 2012
Regular Registration Rate Deadline
15 November 2012
Hotel Registration Deadline
5 December 2012
On-Site Registration Begins
6-9 December 2012
WAO International Scientific Conference (WISC2012)

ABOUT WAO
The World Allergy Organization (WAO) is an international alliance of 89 regional and national allergy, asthma and clinical immunology societies. Through collaboration with the Member Societies, WAO provides a wide range of educational and outreach programs, symposia and lectureships to allergists/immunologists around the globe and conducts initiatives relating to clinical practice, service provision, and physician training in order to better understand and address the challenges facing allergists/immunologists worldwide. WAO helps expand the knowledge, expertise and skills of young physicians establishing careers in allergy through Research Fellowships with international placements at renowned allergy centers.
INVITATION TO PARTICIPATE

Dear colleagues,

We are delighted to welcome you to participate in the World Allergy Organization International Scientific Conference (WISC 2012) in Hyderabad, India, 6-9 December 2012. The theme of the Conference is Severe Allergies, Severe Asthma: New Strategies for Treatment and Prevention.

Building on the success of the 1st WISC in Dubai, December 2010, the WAO is excited to launch its 2nd theme-based scientific conference. With 24 Postgraduate Courses on a wide range of topics, Plenary Sessions, Parallel Symposia, Keynote Lectures, Poster Sessions and Highlights in Immunotherapy, the WISC 2012 will be a multidisciplinary forum for allergists, pulmonologists, ENTs, dermatologists, internists, pediatricians, gastroenterologists, clinical immunologists and primary care physicians.

WAO is organizing these focused, theme-based scientific conferences in recognition of:

- The increasing prevalence and more complex forms of allergic diseases and asthma worldwide, especially in children
- The need to create a more integrated approach to the diagnosis and management of allergic diseases
- The need to expand the knowledge and practice of allergy and provide more practical knowledge to young professionals

The 2012 Conference on Severe Allergies, Severe Asthma: New Strategies for Treatment and Prevention will provide a forum for the most useful combination of latest research, review of current theory and practice, and hands-on, problem-based learning. Our aim is that participants gain insight into the most effective advances in the diagnosis and management of complex and severe allergies and asthma and in their preventative strategies.

We look forward to seeing you in Hyderabad, India!

CONFERECE PRESIDENT

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President-Elect, WAO

PRESIDENT, WAO

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Secretary General, WAO

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Manori Amaraskera, Sri Lanka
Koichiro Asano, Japan
Suwat Benjapanpitak, Thailand
Kazi Benoor, Bangladesh
Chaweewan Bunng, Thailand (Invited)
Hick Hee Chng, Singapore
Byoung Whui Choi, Korea
Takao Fujisawa, Japan

Sang Heon Cho, Korea (Invited)
Michihiro Hide, Japan
Lan Le Thi Tuyen, Vietnam (Invited)
Jing-Long Huang, China
Yin Jia, China
Constance Katelaris, Australia
Bee Wah Lee, Singapore
Hee-Bom Moon, Korea
Sonomjamts Munkhbayarlakh, Mongolia

Bak Yang Pyun, Korea
Madeleine Sumpaico, Philippines
Heru Sundaru, Indonesia
Mimi Tang, Australia
Ji-Yao Wang, Taiwan
Gary Wing-Kin Wong, China
Osman Yusuf, Pakistan
Chen Yuzhi, China

LOCAL ORGANIZING COMMITTEE CO-CHAIRS
Ashok Shah, India, Co-Chair

K. Satish, India, Co-Chair

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Vijai Kumar Ratnavelu, India, Co-ordinator

Meenu Singh, India
Jyotsna Joshi, India

Zarir Udwadia, India

LOCAL ADVISORY COMMITTEE MEMBERS
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MK Agarwal, India
Deepak Amarpurkar, India
Sangeeta Amladi Kaya, India
Pendakur Anand, India
Naveen Arora, India
Digambhir Behera, India
SK Chhabra, India
Krishan Chugh, India
Dhiman Ganguly, India (Invited)
SN Gaur, India

AG Ghoshal, India
Randeep Guleria, India (Invited)
Achal Guleria, India (Invited)
SK Jindal, India
Sanjeev Mehta, India
Narayan Mishra, India
H. Paramesh, India
Rajendra Prasad, India
Nagendra Prasad Komarla, India
Sujeet Rajan, India (Invited)
Ramesh B Ramaiah, India

K. Kanak Rao, India
P. Ravindran, India (Invited)
Sundeep Salvia, India (Invited)
SK Sarin, India (Invited)
Nishit Shah, India (Invited)
Wiqar Shaikh, India (Invited)
SK Sharma, India
Anand B. Singh, India
Raj B. Singh, India (Invited)
Virendra Singh, India
Ajit Vigg, India
CONFERENCE INFORMATION

KEY REASONS TO ATTEND:
Be on the leading edge of medical learning & education!
• Attend state-of-the-art lectures by world experts on allergy, asthma & clinical immunology
• Participate in practical, clinic-friendly workshops on Immunotherapy, Food Allergy, Anaphylaxis, Skin Allergies, Drug Allergy, Asthma, Rhinitis, COPD, Sleep Disorders, and more
• Network with others in your field/areas of interest including: Asthma, Allergy, Immunology, Pediatrics, Pulmonology, Ophthalmology, Gastroenterology, Dermatology and ENT
• Earn CME credits
• Showcase your own achievements to key international opinion leaders and interact with international and regional colleagues

OBJECTIVES:
• To provide insights into the mechanisms and phenotypes of severe asthma and severe allergies
• To highlight the most recent advances and developments in treatment and preventative strategies of severe asthma and severe allergies including immunotherapy and biologics
• To provide an integrated approach to the diagnosis, management of severe and more complex forms of allergies
• To identify unmet needs and areas of research priorities

CME:
CME credits will be available. More information regarding CME, including local CME will be announced in 2012. Please visit www.worldallergy.org/wisc2012 for frequent updates.

CERTIFICATES OF ATTENDANCE
Certificates of Attendance will be provided to all Conference registrants.

WHO SHOULD ATTEND:
The Conference will be attended by delegates from all over the world with strong participation from the Asian region. Delegates will be specialists, general practitioners, researchers, and other allied health professionals with interest in:
• Allergy
• Asthma
• Dermatology
• ENT
• Gastroenterology
• Immunology
• Ophthalmology
• Pediatrics
• Pulmonology
• Family Practice

SESSION DESCRIPTIONS

Plenary Sessions
Plenary presentations will set the stage with context and background through overviews and literature reviews to define unmet needs.

Symposia
Symposia will address specific topics, providing the opportunity for in-depth and detailed exploration.

Post-Graduate Courses
Postgraduate Courses will be oriented toward the clinic, have a less formal approach and be more participatory.

Keynote Lecture
Keynote Lecture offer attendees the opportunity to attend a 45-minute lecture on a specific topic from one of the key opinion leaders in the field.

Poster Sessions
Accepted abstracts will be presented during Poster Sessions. Presenting Authors will stand with their posters, answer questions and discuss their research. Check www.worldallergy.org/wisc2012 often to find out the guidelines for submitting an abstract.

CONFERENCE SPEAKERS

Michael Abramson, Australia
Cem Akin, United States - TBC
Cezmi Akdis, Switzerland
Amal Assa’ad, United States
Claus Bachert, Belgium
Thomas Bieber, Germany
Michael Blaiss, United States
Mario Castro, United States
Motohiro Ebisawa, Japan
Alessandra Fiocchi, Italy
Takao Fujisawa, Japan - TBC
Roy Gerth van Wijk, The Netherlands
Sandra Gonzalez-Diaz, Mexico
Tari Haaghtela, Finland
Stephen T. Holgate, United Kingdom
Elham Hosssny, Egypt - TBC
Elliot Israel, United States
Constance H. Katelaris, Australia - TBC
Rohit K. Katial, United States - TBC
Peter Le Souëf, Australia
Francesca Levi-Schaffer, Israel
Robert Lemanske, United States - TBC
Richard F. Lockey, United States
Ghurijit Khurana Hershey, United States - TBC
Mika Mäkelä, Finland
Robert Naclerio, United States
Hae-Sim Park, Korea
Gianni Passalacqua, Italy - TBC
Ruby Pawankar, Japan
Werner Pichler, Switzerland
Susan Prescott, Australia
Nelson Rosario, Brazil
Lanny J. Rosenwasser, United States
Sarbjit Saini, United States
Hugh Sampson, United States
Mario Sanchez-Borges, Venezuela
Wayne Thomas, Australia
Hugo Van Bever, Singapore
J. Christian Virchow, Germany
Dana Wallace, United States - TBC

Additional Faculty to be Announced
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<th>8:00</th>
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<td><strong>PG: Track 7: Drug Allergy</strong></td>
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<td>Session 2: Recent Advances in Diagnosis and Oral Food Challenge Test</td>
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<td>PS1: The Origins of Allergy</td>
<td>Coffee Break</td>
<td>SY1: Severe Upper Airway Disease</td>
<td>KN1: A Holistic Approach to Severe and Complex Allergies</td>
<td>Coffee Break</td>
<td>SY2: Life Threatening Allergic Disorders</td>
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<td><strong>SY2: Life Threatening Allergic Disorders</strong></td>
<td><strong>SY3: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</strong></td>
<td><strong>SY4: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</strong></td>
<td><strong>SY5: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</strong></td>
<td><strong>SY6: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</strong></td>
<td><strong>SY7: Severe Drug Allergy</strong></td>
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<td><strong>PS3: Severe Asthma</strong></td>
<td><strong>SY6: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</strong></td>
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<td><strong>KN2: Pharmacogenetics</strong></td>
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<td>Poster Session 2</td>
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<td><strong>SY8: Confounders of Asthma Treatment</strong></td>
<td><strong>SY9: Childhood Asthma</strong></td>
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<td><strong>PS5: Skin Allergies</strong></td>
<td><strong>Posters Session 3</strong></td>
<td><strong>Outstanding Poster Awards</strong></td>
<td><strong>Coffee Break</strong></td>
<td><strong>Highlight on Immunotherapy 1</strong></td>
<td><strong>KN3: What can Birth Cohorts tell us about the Natural History of Allergic Diseases?</strong></td>
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<td><strong>PS5: Skin Allergies</strong></td>
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<td>PG: Track 1: Food Allergy Session 3: Practical Management of Food Allergy and Oral Desensitization</td>
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<td>PG: Track 1: Food Allergy Session 4: Diagnosis and Management of EGIDS</td>
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<td>PG: Track 2: Immunotherapy Session 4: Managing Adverse Reactions to Immunotherapy</td>
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<td>PG: Track 4: Urticaria &amp; Angioedema Session 1: Understanding and Managing Acute and Chronic Urticaria</td>
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<td>PG: Track 4: Angioedema &amp; Urticaria Session 2: Diagnosis and Treatment of Hereditary Angioedema</td>
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<td>PG: Track 6: Upper Airway Allergies Session 2: Practical Aspects of Managing Upper Airway Allergies</td>
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<td>PG: Track 8: Asthma and Lower Airway Disease Session 3: Biomarkers, Lung Function and Bronchial Provocation Tests of Asthma</td>
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<td>PG: Track 9: Allergy, Asthma and Sleep Disorders Session 2: GERD</td>
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<td>PG: Track 9: Allergy, Asthma and Sleep Disorders Session 1: Sleep Workshop</td>
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<td>PG: Track 10: Inhalation Devices</td>
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<td>PS2: Food Allergy</td>
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<td>SY4: Food Allergy and the Gastrointestinal (GI) Tract</td>
<td>Poster Session 1</td>
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<td>SY 5: Severe Ocular Allergies</td>
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<td>SY6: The Environment and Occupational Allergies</td>
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<td>Poster Session 2</td>
<td>PS4: Anaphylaxis</td>
<td>Coffee Break</td>
<td>SY10: Precision Treatments in Allergic Disorders</td>
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<td>Highlight on Immunotherapy 2</td>
<td>Coffee Break</td>
<td>KN4: Immunotherapy: Novel Strategies and Future Directions in Immunotherapy and Immumomodulators</td>
<td>Highlight on Immunotherapy 3</td>
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Session Key: **KN**: Keynote Lecture  **PG**: Postgraduate Session  **PS**: Plenary Session  **SY**: Symposium
## Preliminary Scientific Program • Thursday, 6 December 2012

### Postgraduate Courses

- **09:00 – 10:30** Postgraduate Sessions
  - **Track 1: Food Allergy**
    - Session 1: Food Allergy Over the Life Course: From Childhood to Adulthood
  - **Track 2: Immunotherapy**
    - Session 1: Allergy Testing In-Vivo and In-Vitro
      - Interpretation of In-Vitro
      - Interpretation of In-Vivo
      - Development of Diagnosis and Treatment Based on Testing
  - **Track 3: Anaphylaxis**
    - Session 1: Causes of Anaphylaxis
      - Overview of Pathophysiology of Anaphylaxis
      - Conditions that Predispose Anaphylaxis
      - Anaphylaxis in Vulnerable Patients
  - **Track 5: Atopic Dermatitis**
    - Session 1: Understanding and Managing Atopic Dermatitis
      - Overview of Pathophysiology
      - Immune Mechanisms and Treatment
      - Practical Issues in Skin Care
  - **Track 7: Drug Allergy**
    - Session 1: Drug Allergy Evaluation and Management of Beta Lactam Allergy
      - Patterns of Cross Reactivity
      - Clinical Presentation and Diagnosis
      - Desensitization Protocols
  - **Track 8: Asthma and Lower Airway Disease**
    - Session 1: Asthma Exacerbations: Treatment and Prevention
      - Risk Factors, Triggers and Pathways for Asthma Exacerbations
      - Acute Management and Prevention
      - Managing Virus-Induced Wheezing in Children

- **10:30 – 11:00** Coffee Break

- **11:00 – 12:30** Postgraduate Sessions
  - **Track 1: Food Allergy**
    - Session 2: Recent Advances in Diagnosis and Oral Food Challenge Test
  - **Track 2: Immunotherapy**
    - Session 2: Practical Aspects of Immunotherapy
      - Nuts and Bolts of Allergy Skin Testing
      - How to Write an Allergen Immunotherapy Prescription
      - Selection and Preparation of Allergen Extracts
  - **Track 3: Anaphylaxis**
    - Session 2: Evaluation, Management and Prevention of Anaphylaxis
      - Understanding and Recognizing Anaphylactic Reactions
      - Diagnostic Tests and Differential Diagnosis
      - Acute Management and Follow-Up Strategies
  - **Track 5: Atopic Dermatitis**
    - Session 2: Managing Severe and Refractory Atopic Dermatitis
      - Role of Immunomodulators in Treatment
      - Complications that Require Intervention
      - Genetic Testing to Predict Barrier Function
## Preliminary Scientific Program • Thursday, 6 December 2012

### Postgraduate Courses — All Faculty To Be Announced

Current as of 22 November 2011

<table>
<thead>
<tr>
<th>Track 7: Drug Allergy</th>
<th>轨7: 药物过敏</th>
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<tbody>
<tr>
<td>Session 2: Practical Approaches to Aspirin and NSAID Hypersensitivity</td>
<td>2号: 阿司匹林和NSAID过敏的实用方法</td>
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<tr>
<td>Classification and Pathophysiology of Aspirin Hypersensitivity</td>
<td>分类和药理学机制的阿司匹林过敏</td>
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<td>Diagnostic Testing</td>
<td>诊断测试</td>
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<td>Prevention and Management</td>
<td>预防和管理</td>
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<tr>
<th>Track 8: Asthma and Lower Airway Disease</th>
<th>轨8: 哮喘和下呼吸道疾病</th>
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<tr>
<td>Session 2: Improving Patient’s Asthma Control and Quality of Life</td>
<td>2号: 改善患者的哮喘控制和生活质量</td>
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<tr>
<td>Compliance and Treatment Adherence</td>
<td>遵从和治疗依从性</td>
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<tr>
<td>Improving Patient’s Quality of Life</td>
<td>改善患者的生活质量</td>
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<tr>
<td>Implementation of Guidelines and Assessing Asthma Control</td>
<td>指南的实施和哮喘控制评估</td>
</tr>
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</table>

### 12:30 – 13:30  Lunch Break

### 13:30 – 15:00  Postgraduate Sessions

<table>
<thead>
<tr>
<th>Track 1: Food Allergy</th>
<th>轨1: 食物过敏</th>
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<tbody>
<tr>
<td>Session 3: Practical Management of Food Allergy and Oral Desensitization</td>
<td>3号: 食物过敏的实用管理和口服脱敏</td>
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<thead>
<tr>
<th>Track 2: Immunotherapy</th>
<th>轨2: 免疫疗法</th>
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<tbody>
<tr>
<td>Session 3: Hands-On Demonstration of Allergen Preparation and Use</td>
<td>3号: 实验室现场制造和使用过敏原演示</td>
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<tr>
<td>Live Demonstration of Skin Prick Testing</td>
<td>皮肤点刺测试的现场演示</td>
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<tr>
<td>Live Demonstration of Intradermal</td>
<td>皮内注射演示</td>
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<tr>
<td>Correlation of Testing with Challenge Data</td>
<td>测试与挑战数据的关联</td>
</tr>
<tr>
<td>Comparison of Preparation of SCIT vs SLIT</td>
<td>SCIT vs SLIT制备比较</td>
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<table>
<thead>
<tr>
<th>Track 4: Urticaria and Angioedema</th>
<th>轨4: 皮疹和血管性水肿</th>
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<tbody>
<tr>
<td>Session 1: Understanding and Managing Acute and Chronic Urticaria</td>
<td>1号: 了解和管理急性及慢性荨麻疹</td>
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<tr>
<td>Classification and Pathophysiology of Urticaria and Angioedema</td>
<td>荨麻疹和血管性水肿的分类及药理学机制</td>
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<tr>
<td>Diagnostic Approach and Treatment</td>
<td>诊断和治疗方法</td>
</tr>
<tr>
<td>Approach to Refractory Urticaria and Angioedema</td>
<td>对顽固性荨麻疹和血管性水肿的处理</td>
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<tr>
<th>Track 6: Upper Airway Allergies</th>
<th>轨6: 上呼吸道过敏</th>
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<tbody>
<tr>
<td>Session 1: Objective Assessment of Upper Airway Diseases: Hands-on Rhinolaryngoscopy and Nasal Challenge Tests</td>
<td>1号: 上呼吸道疾病的客观评估: 实际内镜检查和鼻内挑战测试</td>
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<tr>
<td>Nasal Challenge Testing</td>
<td>鼻内挑战测试</td>
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<tr>
<td>Hands-on Rhinolaryngoscopy</td>
<td>实验室内镜检查</td>
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<tr>
<td>Nasal Endoscopy</td>
<td>鼻内镜检查</td>
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<table>
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<tr>
<th>Track 8: Asthma and Lower Airway Disease</th>
<th>轨8: 哮喘和下呼吸道疾病</th>
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<tbody>
<tr>
<td>Session 3: Biomarkers, Lung Function and Bronchial Provocation Tests of Asthma</td>
<td>3号: 肺功能和支气管诱发测试的生物标志物</td>
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<tr>
<td>Biomarkers Such as Exhaled NO and Sputum Eosinophils</td>
<td>生物标志物: 呼出NO和痰液嗜酸粒细胞</td>
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<tr>
<td>Assessing Lung Function</td>
<td>肺功能评估</td>
</tr>
<tr>
<td>Bronchial Provocation</td>
<td>支气管诱发</td>
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</table>

<table>
<thead>
<tr>
<th>Track 9: Allergy, Asthma and Sleep Disorders</th>
<th>轨9: 过敏、哮喘和睡眠障碍</th>
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<tbody>
<tr>
<td>Session 1: Sleep Workshop</td>
<td>1号: 睡眠工作坊</td>
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<tr>
<td>Clinical Signs and Symptoms of Sleep Apnea</td>
<td>睡眠呼吸暂停的临床表现</td>
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<tr>
<td>Evaluating a Patient with Sleep Apnea</td>
<td>睡眠呼吸暂停患者的评估</td>
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<tr>
<td>Practical Aspects of Treatment and Outcomes</td>
<td>治疗和预后的实用方法</td>
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### 15:00 – 15:30  Coffee Break
PRELIMINARY SCIENTIFIC PROGRAM • THURSDAY, 6 DECEMBER 2012
POSTGRADUATE COURSES – All Faculty To Be Announced
Current as of 22 November 2011

15:30 – 17:00 POSTGRADUATE SESSIONS

TRACK 1: FOOD ALLERGY
SESSION 4: Diagnosis and Management of EGIDS

TRACK 2: IMMUNOTHERAPY
SESSION 4: Managing Adverse Reactions to Immunotherapy
  Understand the Difference between Local and Systemic Reactions
  Managing Adverse Reactions in Patients at Risk
  Practical Issues in Managing Adverse Reactions

TRACK 4: URTICARIA AND ANGIOEDEMA
SESSION 2: Diagnosis and Treatment of Hereditary Angioedema
  Definition and Mechanisms of HAE
  Diagnosis and Differential Diagnosis of HAE
  Acute and Prophylactic Management

TRACK 6: UPPER AIRWAY ALLERGIES
SESSION 2: Practical Aspects of Managing Upper Airway Allergies
  Managing Rhinitis and Co-morbidities in Children
  Managing Rhinosinusitis in Children
  Sleep Apnea in Children

TRACK 9: ALLERGY, ASTHMA AND SLEEP DISORDERS
SESSION 2: GERD
  Clinical Signs and Symptoms
  Clinical and Laboratory Diagnosis
  Treatment Options

TRACK 10: INHALATION DEVICES
Preliminary Scientific Program • Friday, 7 December 2012
Current as of 22 November 2011

08:00 – 09:30  PLENARY SESSION 1

**THE ORIGINS OF ALLERGY**

- Early Life Influences on the Development of Childhood Allergy and Asthma
  Susan Prescott (Australia)
- Immune-Infection Interactions in the Early Development of Allergy
  Cezmi Akdis (Switzerland)
- How Much Can be Explained by Genetics and Epigenetics?
  Stephen T. Holgate (United Kingdom)

09:30 – 10:00  COFFEE BREAK

10:00 – 11:45  SYMPOSIUM 1

**SEVERE UPPER AIRWAY DISEASE**

- Mechanisms of Upper Airway Inflammation
  Ruby Pawankar (Japan)
- Upper Airway Barrier Function and Microbiome
  Claus Bachert (Belgium)
- Severe Rhinosinusitis
  Robert Naclerio (United States)
- Asthma in Patients with Obstructive Sleep Apnea
  Richard F. Lockey (United States)

10:00 – 11:45  SYMPOSIUM 2

**LIFE THREATENING ALLERGIC DISORDERS**

- Mastocytosis
  Cem Akin (United States) - TBC
- Eosinophilic Disorders
  Lanny J. Rosenwasser (United States)
- Hereditary Angioedema
  Konrad Bork (Germany)
- Eosinophilic Eosophagitis
  Amal Assa’d (United States) - TBC

10:00 – 11:45  SYMPOSIUM 3

**2013 EAACI-WAO WORLD ALLERGY AND ASTHMA CONGRESS – MILAN, ITALY**

TBA

12:00 – 13:00  KEYNOTE LUNCH LECTURE 1

**A HOLISTIC APPROACH TO SEVERE AND COMPLEX ALLERGIES**

Ruby Pawankar (Japan)
PRELIMINARY SCIENTIFIC PROGRAM • FRIDAY, 7 DECEMBER 2012
Current as of 22 November 2011

13:15 – 14:45 PLENARY SESSION 2

FOOD ALLERGY

Severe Food Allergy - Prediction and Approach to Treatment
Hugh Sampson (United States)

WAO DRACMA and Worldwide Food Allergy Guidelines
Alessandro Fiocchi (Italy)

Prevention of Food Allergy: Is it Feasible?
Motohiro Ebisawa (Japan)

14:45 – 15:15 COFFEE BREAK

15:15 – 17:00 SYMPOSIUM 4

FOOD ALLERGY AND GASTROINTESTINAL (GI) TRACT

Development of the GI Immune System and Oral Tolerance
Wesley Burks (United States)

Nutrition, Allergy and the Immune Response
Susan Prescott (Australia)

GI Manifestations of Food Allergy – Facts and Controversies
Hugh Sampson (United States)

Component Analysis for Diagnosis
Motohiro Ebisawa (Japan)

15:15 – 17:00 SYMPOSIUM 5

SEVERE OCULAR ALLERGIES

Pathophysiology of Ocular Allergies
Lanny J. Rosenwasser (United States)

Differential Diagnosis in Severe Ocular Allergies
Sergio Bonini (Italy)

Nasal Ocular Connections in Allergic Rhinoconjunctivitis
Robert Naclerio (United States)

Treatment Options in Ocular Allergies
Constance H. Katelaris (Australia) - TBC

15:15 – 17:00 SYMPOSIUM 6

THE ENVIRONMENT AND OCCUPATIONAL ALLERGIES

Occupational Airway Diseases
Roy Gerth van Wijk (The Netherlands)

Genetic and Environmental Factors in the Etiology of Occupational Asthma
Hae-Sim Park (Korea)

Indoor and Outdoor Air Pollutants
Michael Abramson (Australia)

Biodiversity
Tari Haahtela (Finland)

17:00 – 18:00 POSTER SESSION 1
## Preliminary Scientific Program • Saturday, 8 December 2012

Current as of 22 November 2011

### 08:00 – 09:30  PLENARY SESSION 3

**Severe Asthma**
- Severe Asthma Phenotypes in Adults
  - Rohit K. Katial (United States) - TBC
- Severe Asthma Characteristics in Pediatrics
  - Ghurjit Khurana Hershey (United States) - TBC
- Therapeutic Interventions in Severe Asthma
  - J. Christian Virchow (Germany)

### 09:30 – 10:00  COFFEE BREAK

### 10:00 – 11:45  SYMPOSIUM 7

**Severe Drug Allergy**
- Pathomechanisms of Severe Drug Allergy
  - TBA
- Severe Bullous Drug Reactions
  - Werner Pichler (Switzerland)
- Allergic Reactions to Biological and Chemotherapeutic Drugs
  - Mario Sanchez-Borges (Venezuela)
- Management of Aspirin and NSAID Hypersensitivity
  - Hae-Sim Park (Korea)

### 10:00 – 11:45  SYMPOSIUM 8

**Confounders of Asthma Treatment**

**Co-Morbidities**
- VCD
  - Rohit K. Katial (United States) - TBC
- GERD
  - Richard F. Lockey (United States)
- Rhinosinusitis / Nasal Polyps
  - Claus Bachert (Belgium)
- ABPA
  - TBA

### 10:00 – 11:45  SYMPOSIUM 9

**Childhood Asthma**
- Early Viral Infections: Their Role in the Development of Asthma
  - Nelson Rosario (Brazil)
- RV and RSV in Asthma
  - Peter Le Souèf (Australia)
- Non-Viral Triggers of Asthma Exacerbation
  - Mika Mäkelä (Finland)
- Managing the Wheezing Infant
  - Robert Lemanske (United States) - TBC

### 12:00 – 13:00  KEYNOTE LUNCH LECTURE 2

**Pharmacogenetics**
- Eliot Israel (United States)
**PRELIMINARY SCIENTIFIC PROGRAM • SATURDAY, 8 DECEMBER 2012**

*Current as of 22 November 2011*

<table>
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<th>Time</th>
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<tr>
<td>13:00 – 14:30</td>
<td>POSTER SESSION 2</td>
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<tr>
<td>14:30 – 16:00</td>
<td>PLENARY SESSION 4</td>
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**ANAPHYLAXIS**
- Anaphylaxis and Mast Cell Activation
  - Cem Akin (United States) - TBC
- WAO Anaphylaxis Guidelines
  - Richard F. Lockey (United States)
- Anaphylaxis, Asthma and Pregnancy
  - Sandra Gonzalez-Diaz (Mexico)

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<th>Time</th>
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<td>COFFEE BREAK</td>
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<td>16:30 – 18:15</td>
<td>SYMPOSIUM 10</td>
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**PRECISION TREATMENTS IN ALLERGIC DISORDERS**
- Update on Anti-Cytokines
  - Lanny J. Rosenwasser (United States)
- Update on Anti-IgE
  - Stephen T. Holgate (United Kingdom)
- Designer Drugs
  - Francesca Levi-Schaffer (Israel)
- New Imaging Approaches to Asthma
  - Mario Castro (United States)

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<td>16:30 – 18:15</td>
<td>SYMPOSIUM 11</td>
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<tr>
<td>16:30 – 18:15</td>
<td>INDIAN COLLEGE OF ALLERGY, ASTHMA AND APPLIED IMMUNOLOGY (ICAAI)</td>
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<tr>
<td>16:30 – 18:15</td>
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**ALLERGY DIAGNOSTICS: CURRENT AND FUTURE PERSPECTIVES**
- Invivo and Invitro Diagnostic Tests
  - Ignacio Ansotegui (Spain)
- Molecular Characterization of Aeroallergens
  - Wayne Thomas (Australia)
- Molecular Characterization of Food Allergens
  - Wesley Burks (United States)
- Molecular Allergology
  - G. Walter Canonica (Italy)

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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:30 – 18:15</td>
<td>SYMPOSIUM 13</td>
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</table>

**SMALL AIRWAYS DISEASE**
- Particle Deposition and Pharmacotherapy
  - Lanny J. Rosenwasser (United States)
- Pathophysiology of the Small Airways
  - Rohit K. Katial (United States) - TBC
- Respiratory Function in Small Airways and Asthma
  - Thomas B. Casale (United States)
## Preliminary Scientific Program • Sunday, 9 December 2012

Current as of 22 November 2011

### 08:00 – 09:30  Plenary Session 5

#### Skin Allergies
- **Skin Barrier Functions and Atopic Dermatitis**
  TBA
- **Severe Atopic Dermatitis: A Challenge for the Clinician**
  Thomas Bieber (Germany)
- **How to Deal with Refractory Urticaria**
  Sarbjit Saini (United States)

### 09:30 – 10:30  Poster Session 3

#### Outstanding Poster Awards

### 10:30 – 11:00  Coffee Break

### 11:00 – 12:30  Highlight on Immunotherapy 1

- **Mechanisms of Immunotherapy**
  Cezmi Akdis (Switzerland)
- **Sublingual Immunotherapy**
  GW Canonica (Italy)
- **Subcutaneous Immunotherapy: When and How to Start**
  Gianni Passalaqua (Italy)

### 12:45 – 13:45  Keynote Lunch Lecture 3

**What can Birth Cohorts Tell Us About the Natural History of Allergic Diseases?**
Robert Lemanske (United States) - TBC

### 14:00 – 15:00  Highlight on Immunotherapy 2

- **Identification of the Eligible Patients for Immunotherapy**
  G. Walter Canonica (Italy)
- **Prevention**
  Hugo Van Bever (Singapore)

### 15:00 – 15:30  Coffee Break

### 15:30 – 16:00  Key Note Lecture 4

**Immunotherapy: Novel Strategies and Future Directions in Immunotherapy and Immunomodulators**

### 16:00-18:00  Highlight on Immunotherapy 3

- **Immunomodulators - Anti-IgE mAb**
  Thomas B. Casale (United States)
- **Immunotherapy in the Pediatric Population**
  Michael Blaiss (United States)
- **Subcutaneous Immunotherapy and Sublingual Immunotherapy in Asthmatics**
  Roy Gerth van Wijk (The Netherlands)
- **Insect Immunotherapy**
  Richard F. Lockey (United States)
REGISTRATION
Register online at www.worldallergy.org/wisc2012
For questions regarding registration, contact WIScRegistration@worldallergy.org.

<table>
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<th>Registration Type</th>
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<th>Regular Registration 16 July 2012 to 31 October 2012</th>
<th>Late Registration 1 November 2012 to 6 December 2012</th>
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*Discounted rate for delegates from countries categorized as low economies by the World Bank. Please contact the Conference Secretariat at WIScRegistration@worldallergy.org with any questions.

**You will be required to show proof of your status to receive this registration rate.

***Allied Health refers to nurses, nurse practitioners, physician assistants, respiratory therapists, medical technologists and medical assistants. You will be required to show proof of your status to receive this registration rate.

Registration for Delegates includes:
- Admission to all Scientific Sessions
- Conference bag and meeting materials
- Admission to Exhibition Area
- Certificate of Attendance
- Coffee breaks on 6, 7, 8, & 9 December 2012
- Boxed lunches on 6, 7, 8 & 9 December 2012

Registration for Students
PhD Students, MD students or Fellows-in-Training are eligible to receive the discounted registration rate. Please submit proof of enrollment, signed by the Department Head via email to WIScRegistration@worldallergy.org.

Registration for Nurses
Nurses are eligible to receive the discounted registration rate. Please submit proof of certification with your registration.

Payment
Registration payment can be made by credit card (Visa, MasterCard, or American Express) or by bank transfer. Registrant is responsible for all fees associated with a bank transfer.

Group Registrations
If you are organizing a group, please contact us for group discount options at WIScRegistration@worldallergy.org.

Online Registration
All registrations are done online. Online registration is accepted until Midnight, US Central, 30 November 2012.

On-site Registration
On-site registration will begin on 5 December 2012 at the Hyderabad International Convention Center. Please check the Conference website www.worldallergy.org/WISc2012 for registration hours and locations.

Cancellation and Refunds
All notification of cancellations must be sent in writing to the Conference Secretariat at WIScRegistration@worldallergy.org.

Refund Policy:
- Before 15 July 2012 — 100% Refund for individual or group registration (with an $80 USD handling fee charge)
- From 15 July to 31 October 2012 — 50% Refund for individual or group registration per person cancelled
- After 31 October 2012 — No Refund