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
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!
CONFERENCE COMMITTEE

CONFERENCE PRESIDENT
Ruby Pawankar, Japan

CONFERENCE ORGANIZING CHAIR
Lanny J. Rosenwasser, United States

SCIENTIFIC PROGRAM COMMITTEE CHAIR
Stephen T. Holgate, United Kingdom

SCIENTIFIC PROGRAM COMMITTEE MEMBERS
Claus Bachert, Belgium
Motohiro Ebisawa, Japan
Roy Gerth van Wijk, Netherlands
Sandra González-Díaz, México
Stephen Holgate, United Kingdom
Peter Le Souef, Australia
Richard F. Lockey, United States
Dean Metcalfe, United States
Hae-Sim Park, Korea
Ruby Pawankar, Japan
Susan Prescott, Australia
Nelson Rosario, Brazil

REGIONAL ADVISORY COMMITTEE CHAIRS
Motohiro Ebisawa, Japan Co-Chair
Hae-Sim Park, South Korea Co-Chair

REGIONAL ADVISORY COMMITTEE MEMBERS
Amir Hamzah Abdul Latiff, Malaysia
Manori Amaraskera, Sri Lanka
Koichiro Asano, Japan
Suwat Benjaponpitak, Thailand
Kazi Benoor, Bangladesh
Chaweewan Bunnag, Thailand (Invited)
Hick Hee Cheng, 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
Jiu-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

LOCAL ORGANIZING COMMITTEE MEMBERS
Vijai Kumar Ratnavelu, India, Co-ordinator
Meenu Singh, India
Jyotsna Joshi, India
Zarir Udwadia, India

LOCAL ADVISORY COMMITTEE MEMBERS
VS Advani, India
MK Agarwal, India
Deepak Amarpurkar, India
Sangeeta Amladi Kaya, India
Pendakur Anand, India
Naveen Arora, India
Digmabhir Behera, India
SK Chhabra, India
Krishan Chugh, India
Dhiman Ganguly, India
SN Gaur, India
AG Ghoshal, India
Randeep Guleria, India
Achal Gulati, India (Invited)
SK Jindal, India
Sanjeev Mehta, India
Narayan Mishra, India
H. Paramesh, India
Rajendra Prasad, India
Nagendra Prasad Komarla, India
Sujeet Rajan, India
Ramesh B Ramaiah, India
AG Ghoshal, India
Randeep Guleria, India
Achal Gulati, India (Invited)
SK Jindal, India
Sanjeev Mehta, India
Narayan Mishra, India
H. Paramesh, India
Rajendra Prasad, India
Nagendra Prasad Komarla, India
Sujeet Rajan, India
Ramesh B Ramaiah, India
K. Kanak Rao, India
P. Ravindran, India (Invited)
Sundeep Salvia, India (Invited)
SK Sarin, India (Invited)
Nishit Shah, India
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’d, United States
Claus Bachert, Belgium
Michael Blaiss, United States
Sergio Bonini, Italy - TBC
Konrad Bork, Germany
Wesley Burks, United States
G. Walter Canonica, Italy
Thomas B. Casale, United States
Mario Castro, United States
Motohiro Ebisawa, Japan
Alessandra Fiocchi, Italy
Takao Fujisawa, Japan - TBC
Roy Geer van Wijk, The Netherlands
Sandra Gonzalez-Diaz, Mexico
Tari Haahetela, Finland
Stephen T. Holgate, United Kingdom
Elham Hosssny, Egypt - TBC
Elliot Israel, United States
Constance H. Katelaris, Australia - TBC
Rohit K. Katal, United States - TBC
Peter Le Souëf, Australia
Francesca Levi-Schaffer, Israel
Robert Lemanske, United States - TBC
Richard F. Lockey, United States
Ghurijt Khurana Hershney, 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
<table>
<thead>
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<th>6 December</th>
<th>7 December</th>
<th>8 December</th>
<th>9 December</th>
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<tbody>
<tr>
<td>8:00</td>
<td>PG: Track 1: Food Allergy Session 1: Food Allergy Over the Life Course: From Childhood to Adulthood</td>
<td>Coffee Break</td>
<td>SY1: Severe Upper Airway Disease</td>
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<tr>
<td>9:00</td>
<td>Coffee Break</td>
<td>SY2: Life Threatening Allergic Disorders</td>
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<tr>
<td>10:00</td>
<td>PG: Track 1: Food Allergy Session 2: Recent Advances in Diagnosis and Oral Food Challenge Test</td>
<td>Coffee Break</td>
<td>SY3: 2013 EAACI-WAO World Allergy and Asthma Congress - Milan, Italy</td>
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<tr>
<td>11:00</td>
<td>PG: Track 2: Immunotherapy Session 1: Allergy Testing In-Vivo and In-Vitro</td>
<td>Coffee Break</td>
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<td>12:00</td>
<td>Coffee Break</td>
<td>SY4: Confounders of Asthma Treatment</td>
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<td>13:00</td>
<td>Lunch Break</td>
<td>SY5: Childhood Asthma</td>
<td>KN2: Pharmacogenetics Poster Session 2</td>
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<td></td>
<td>PG: Track 2: Immunotherapy Session 2: Practical Aspects of Immunotherapy</td>
<td>Lunch Break</td>
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<td>PG: Track 3: Anaphylaxis Session 1: Causes of Anaphylaxis</td>
<td>Coffee Break</td>
<td>SY6: Skateboard Award Ceremony 2013</td>
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<td></td>
<td>Coffee Break</td>
<td>SY8: Confounders of Asthma Treatment</td>
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<tr>
<td>8:00</td>
<td>PG: Track 5: Atopic Dermatitis Session 1: Understanding and Managing Atopic Dermatitis</td>
<td>Coffee Break</td>
<td>SY9: Childhood Asthma</td>
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<td>9:00</td>
<td>Coffee Break</td>
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<tr>
<td>10:00</td>
<td>PG: Track 5: Atopic Dermatitis Session 2: Managing Severe and Refractory Atopic Dermatitis</td>
<td>Coffee Break</td>
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<tr>
<td>11:00</td>
<td>PG: Track 6: Asthma and Lower Airway Disease Session 1: Asthma Exacerbations: Treatment and Prevention</td>
<td>Coffee Break</td>
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<td>12:00</td>
<td>Coffee Break</td>
<td>SY7: Severe Drug Allergy</td>
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<td>13:00</td>
<td>Lunch Break</td>
<td>KN2: Pharmacogenetics Poster Session 2</td>
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<td>PG: Track 6: Asthma and Lower Airway Disease Session 2: Improving Patient’s Asthma Control and Quality of Life</td>
<td>Lunch Break</td>
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<td>Coffee Break</td>
<td>SY9: Childhood Asthma</td>
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<tr>
<td>8:00</td>
<td>PG: Track 7: Drug Allergy Session 1: Drug Allergy Evaluation and Management of Beta Lactam Allergy</td>
<td>Coffee Break</td>
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<td>9:00</td>
<td>Coffee Break</td>
<td>SY10: Water and Coffee Break</td>
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<td>10:00</td>
<td>PG: Track 7: Drug Allergy Session 2: Practical Approaches to Aspirin and NSAID Hypersensitivity</td>
<td>Coffee Break</td>
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<td>11:00</td>
<td>PG: Track 8: Asthma and Lower Airway Disease Session 1: Asthma Exacerbations: Treatment and Prevention</td>
<td>Coffee Break</td>
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<td>12:00</td>
<td>Coffee Break</td>
<td>SY11: Water and Coffee Break</td>
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<td>13:00</td>
<td>Lunch Break</td>
<td>SY12: Water and Coffee Break</td>
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### PROGRAM-AT-A-GLANCE

**Hyderabad Convention Center**

<table>
<thead>
<tr>
<th>13:30</th>
<th>14:00</th>
<th>15:00</th>
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</table>
| **PG: Track 1:** Food Allergy  
Session 3: Practical Management of Food Allergy and Oral Desensitization  
Coffee Break  
PG: Track 1: Food Allergy  
Session 4: Diagnosis and Management of EGIDS |
| **PG: Track 2:** Immunotherapy  
Session 3: Hands-On Demonstration of Allergen Preparation and Use  
Coffee Break  
PG: Track 2: Immunotherapy  
Session 4: Managing Adverse Reactions to Immunotherapy |
| **PG: Track 4:** Urticaria & Angioedema  
Session 1: Understanding and Managing Acute and Chronic Urticaria  
Coffee Break  
PG: Track 4: Angioedema & Urticaria  
Session 2: Diagnosis and Treatment of Hereditary Angioedema |
| **PG: Track 6:** Upper Airway Allergies  
Session 3: Objective Assessment of Upper Airway Diseases: Hands-on Rhinolaryngoscopy and Nasal Challenge Tests  
Coffee Break  
PG: Track 6: Upper Airway Allergies  
Session 2: Practical Aspects of Managing Upper Airway Allergies |
| **PG: Track 8:** Asthma and Lower Airway Disease  
Session 3: Biomarkers, Lung Function and Bronchial Provocation Tests of Asthma  
Coffee Break  
PG: Track 8: Asthma and Lower Airway Disease  
Session 2: GEID |
| **PG: Track 9:** Allergy, Asthma and Sleep Disorders  
Session 1: Sleep Workshop  
Coffee Break  
PG: Track 10: Inhalation Devices |
| PS2: Food Allergy  
Coffee Break  
SY4: Food Allergy and the Gastrointestinal (GI) Tract  
Coffee Break  
Poster Session 1  
Coffee Break |
| Coffee Break  
Coffee Break  
SY5: Severe Ocular Allergies  
Coffee Break  
SY6: The Environment and Occupational Allergies |
| Poster Session 2  
PS4: Anaphylaxis  
Coffee Break  
SY10: Precision Treatments in Allergic Disorders  
Coffee Break |
| SY11: Indian College of Allergy, Asthma and Applied Immunology (ICAAI) Symposium  
SY12: Allergy Diagnostics: Current and Future Perspectives  
SY13: Small Airways Disease |
| Highlight on Immunotherapy 2  
Coffee Break  
KN4: Immunotherapy: Novel Strategies and Future Directions in Immunotherapy and Immunomodulators  
Highlight on Immunotherapy 3 |

**Session Key:**  
**KN:** Keynote Lecture  
**PG:** Postgraduate Session  
**PS:** Plenary Session  
**SY:** Symposium
Preliminary Scientific Program • Thursday, 6 December 2012

Postgraduate Courses – All Faculty To Be Announced

Current as of 22 November 2011

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

TRACK 7: DRUG ALLERGY
SESSION 2: Practical Approaches to Aspirin and NSAID Hypersensitivity
- Classification and Pathophysiology of Aspirin Hypersensitivity
- Diagnostic Testing
- Prevention and Management

TRACK 8: ASTHMA AND LOWER AIRWAY DISEASE
SESSION 2: Improving Patient’s Asthma Control and Quality of Life
- Compliance and Treatment Adherence
- Improving Patient’s Quality of Life
- Implementation of Guidelines and Assessing Asthma Control

12:30 – 13:30 LUNCH BREAK

13:30 – 15:00 POSTGRADUATE SESSIONS

TRACK 1: FOOD ALLERGY
SESSION 3: Practical Management of Food Allergy and Oral Desensitization

TRACK 2: IMMUNOTHERAPY
SESSION 3: Hands-On Demonstration of Allergen Preparation and Use
- Live Demonstration of Skin Prick Testing
- Live Demonstration of Intradermal
- Correlation of Testing with Challenge Data
- Comparison of Preparation of SCIT vs SLIT

TRACK 4: URTICARIA AND ANGIOEDEMA
SESSION 1: Understanding and Managing Acute and Chronic Urticaria
- Classification and Pathophysiology of Urticaria and Angioedema
- Diagnostic Approach and Treatment
- Approach to Refractory Urticaria and Angioedema

TRACK 6: UPPER AIRWAY ALLERGIES
SESSION 1: Objective Assessment of Upper Airway Diseases: Hands-on Rhinolaryngoscopy and Nasal Challenge Tests
- Nasal Challenge Testing
- Hands-on Rhinolaryngoscopy
- Nasal Endoscopy

TRACK 8: ASTHMA AND LOWER AIRWAY DISEASE
SESSION 3: Biomarkers, Lung Function and Bronchial Provocation Tests of Asthma
- Biomarkers Such as Exhaled NO and Sputum Eosinophils
- Assessing Lung Function
- Bronchial Provocation

TRACK 9: ALLERGY, ASTHMA AND SLEEP DISORDERS
SESSION 1: Sleep Workshop
- Clinical Signs and Symptoms of Sleep Apnea
- Evaluating a Patient with Sleep Apnea
- Practical Aspects of Treatment and Outcomes

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

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<th>15:30 – 17:00</th>
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<td>Session 4: Diagnosis and Management of EGIDS</td>
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<td><strong>Track 2: Immunotherapy</strong></td>
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<td>Session 4: Managing Adverse Reactions to Immunotherapy</td>
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<tr>
<td>Understand the Difference between Local and Systemic Reactions</td>
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<td>Managing Adverse Reactions in Patients at Risk</td>
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<td>Practical Issues in Managing Adverse Reactions</td>
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<tr>
<td><strong>Track 4: Urticaria and Angioedema</strong></td>
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<tr>
<td>Session 2: Diagnosis and Treatment of Hereditary Angioedema</td>
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<tr>
<td>Definition and Mechanisms of HAE</td>
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<td>Diagnosis and Differential Diagnosis of HAE</td>
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<td>Acute and Prophylactic Management</td>
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<td><strong>Track 6: Upper Airway Allergies</strong></td>
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<td>Session 2: Practical Aspects of Managing Upper Airway Allergies</td>
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<tr>
<td>Managing Rhinitis and Co-morbidities in Children</td>
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<td>Managing Rhinosinusitis in Children</td>
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<td>Sleep Apnea in Children</td>
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<td><strong>Track 9: Allergy, Asthma and Sleep Disorders</strong></td>
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<td>Session 2: GERD</td>
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<tr>
<td>Clinical Signs and Symptoms</td>
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<td>Clinical and Laboratory Diagnosis</td>
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<td>Treatment Options</td>
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<td><strong>Track 10: Inhalation Devices</strong></td>
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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)

9:30 – 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’ed (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 Haataela (Finland)

17:00 – 18:00 POSTER SESSION 1
**PRELIMINARY SCIENTIFIC PROGRAM • SATURDAY, 8 DECEMBER 2012**

*Current as of 22 November 2011*

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<tr>
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<th>Session</th>
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<tr>
<td>08:00 – 09:30</td>
<td><strong>PLENARY SESSION 3</strong></td>
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<tr>
<td></td>
<td><strong>SEVERE ASTHMA</strong></td>
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<td></td>
<td><em>Severe Asthma Phenotypes in Adults</em></td>
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<td></td>
<td>Rohit K. Katial (United States) - TBC</td>
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<td><em>Severe Asthma Characteristics in Pediatrics</em></td>
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<td>Ghurjit Khurana Hershey (United States) - TBC</td>
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<td><em>Therapeutic Interventions in Severe Asthma</em></td>
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<td>J. Christian Virchow (Germany)</td>
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<td>09:30 – 10:00</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>10:00 – 11:45</td>
<td><strong>SYMPOSIUM 7</strong></td>
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<tr>
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<td><strong>SEVERE DRUG ALLERGY</strong></td>
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<td>Pathomechanisms of Severe Drug Allergy</td>
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<td><em>Severe Bullous Drug Reactions</em></td>
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<td>Werner Pichler (Switzerland)</td>
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<td>*Allergic Reactions to Biological and</td>
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<td>Chemotherapeutic Drugs*</td>
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<td>Mario Sanchez-Borges (Venezuela)</td>
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<td><em>Management of Aspirin and NSAID Hypersensitivity</em></td>
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<td>Hae-Sim Park (Korea)</td>
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<td>10:00 – 11:45</td>
<td><strong>SYMPOSIUM 8</strong></td>
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<td><strong>CONFOUNDERs OF ASTHMA tREATMENT</strong></td>
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<td><strong>CO-MORBIDITIES</strong></td>
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<td>Rohit K. Katial (United States) - TBC</td>
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<td><strong>GERD</strong></td>
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<td>Richard F. Lockey (United States)</td>
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<td>Rhinosinusitis / Nasal Polyps</td>
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<td>Claus Bachert (Belgium)</td>
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<td>12:00 – 13:00</td>
<td><strong>KEYNOTE LUNCH LECTURE 2</strong></td>
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<td><strong>PHARMACOGENETICS</strong></td>
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<td>Eliot Israel (United States)</td>
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## PRELIMINARY SCIENTIFIC PROGRAM • SATURDAY, 8 DECEMBER 2012

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<thead>
<tr>
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<tr>
<td>13:00 – 14:30</td>
<td>POSTER SESSION 2</td>
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</table>
| 14:30 – 16:00 | PLENARY SESSION 4

### 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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<td>16:00 – 16:30</td>
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| 16:30 – 18:15   | SYMPOSIUM 10

#### 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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| 16:30 – 18:15   | SYMPOSIUM 11

#### INDIAN COLLEGE OF ALLERGY, ASTHMA AND APPLIED IMMUNOLOGY (ICAAI)

- **TBA**

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| 16:30 – 18:15   | SYMPOSIUM 12

#### 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>
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</table>
| 16:30 – 18:15   | SYMPOSIUM 13

#### 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**  
<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker / Country</th>
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<tbody>
<tr>
<td>Skin Barrier Functions and Atopic Dermatitis</td>
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<tr>
<td>Severe Atopic Dermatitis: A Challenge for the Clinician</td>
<td>Thomas Bieber (Germany)</td>
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<tr>
<td>How to Deal with Refractory Urticaria</td>
<td>Sarbjit Saini (United States)</td>
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</tbody>
</table>

### 09:30 – 10:30  
**Poster Session 3**  
**Outstanding Poster Awards**

### 10:30 – 11:00  
**Coffee Break**

### 11:00 – 12:30  
**Highlight on Immunotherapy 1**  
<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker / Country</th>
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<tbody>
<tr>
<td>Mechanisms of Immunotherapy</td>
<td>Cezmi Akdis (Switzerland)</td>
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<tr>
<td>Sublingual Immunotherapy</td>
<td>GW Canonica (Italy)</td>
</tr>
<tr>
<td>Subcutaneous Immunotherapy: When and How to Start</td>
<td>Gianni Passalaqua (Italy)</td>
</tr>
</tbody>
</table>

### 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**  
<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker / Country</th>
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<tbody>
<tr>
<td>Identification of the Eligible Patients for Immunotherapy</td>
<td>G. Walter Canonica (Italy)</td>
</tr>
<tr>
<td>Prevention</td>
<td>Hugo Van Bever (Singapore)</td>
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### 15:00 – 15:30  
**Coffee Break**

### 15:30 – 16:00  
**Key Note Lecture 4**

### 16:00-18:00  
**Highlight on Immunotherapy 3**  
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<thead>
<tr>
<th>Topic</th>
<th>Speaker / Country</th>
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<tbody>
<tr>
<td>Immunomodulators - Anti-IgE mAb</td>
<td>Thomas B. Casale (United States)</td>
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<tr>
<td>Immunotherapy in the Pediatric Population</td>
<td>Michael Blaiss (United States)</td>
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<tr>
<td>Subcutaneous Immunotherapy and Sublingual Immunotherapy in Asthmatics</td>
<td>Roy Gerth van Wijk (The Netherlands)</td>
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<tr>
<td>Insect Immunotherapy</td>
<td>Richard F. Lockey (United States)</td>
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REGISTRATION
Register online at www.worldallergy.org/wisc2012
For questions regarding registration, contact WISCRegistration@worldallergy.org.

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<th>Registration Type</th>
<th>Early Registration Before 15 July 2012</th>
<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 are 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