



GENERAL INFORMATION

CONGRESS VENUE

The **Park Inn Pribaltiyskaya Hotel** is the Headquarters of the IX World Asthma, Allergy & COPD Forum and the X CIS Congress on Allergology and Immunology.

DATES

July 1–4, 2016

LANGUAGE

The official languages of the meeting are English and Russian. On July 2 and July 3, simultaneous translation will be available for the plenary lectures.

REGISTRATION

The registration desk will open in the **Park Inn Pribaltiyskaya Hotel**:

July 1, 14.00 – 20.00

July 2, 09.00 – 16.00

July 3, 10.00 – 16.00

July 4, 10.00 – 14.00

NAME BADGES

All Congress participants, official guests, accompanying persons are kindly requested to wear their name badges for the participation in all scientific sessions and social events of the Congress. Admission to World Allergy Training School (WATS) by invitations only.

OPENING CEREMONY

The Opening Ceremony of the IX World Asthma, Allergy & COPD Forum and the X CIS Congress on Allergology and Immunology will be held in the Main Congress Hall of the **Park Inn Pribaltiyskaya Hotel**, on July 1, at 10.00 a.m. Admission by name badges.

ORAL PRESENTATIONS

Oral presentations last up to 20 min in plenary sessions and symposia. Keynote and memorial lectures last up to 30 min including questions.

PPT PRESENTATIONS AND SLIDES

Power Point Presentations (on CD or flash) should be handed to the representative of the Congress Secretariat in advance but not later than 15 min prior to the start of the session.

POSTER PRESENTATIONS

All posters should be displayed according to the Congress Program on July 2–4. The poster size is 75×120 cm.

Presenters are requested to attend their poster site during coffee breaks.

CME CREDITS

The IX World Asthma, Allergy & COPD Forum and the X CIS Congress on Allergology and Immunology—the Continuing Medical Education (CME) activity—will receive accreditation from EBAP (European Board for Accreditation in Pneumology). European accreditation is granted by EACCME, EBAACI, and EBAP following the EACCME standards (D9908) in order to allow participants to validate the credits obtained at this activity in their home countries. Following evaluation, the IX World Asthma, Allergy & COPD Forum and the X CIS Congress on Allergology and Immunology will be accredited by EBAP for 18 European CME credits covering the whole program.



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

PROGRAM AT A GLANCE

FRIDAY, JULY 1

14.00 – 20.00 **Registration Desk Open**
(Park Inn Pribaltiyskaya Hotel, Lobby)

SATURDAY, JULY 2

09.00 – 16.00 **Registration Desk Open** (Park Inn Pribaltiyskaya Hotel)

09.30 – 10.00 **KEYNOTE LECTURE (WHO)** (Main Congress Hall)
MODERATORS: Walter Canonica, Allen Kaplan, Lanny Rosenwasser,
Revaz Sepiashvili **LECTURER:** Nikolai Khaltsev

10.00 – 10.30 **OPENING CEREMONY** (Main Congress Hall)
CHAIRMEN: Revaz Sepiashvili, Mario Sanchez-Borges, Antonella Muraro,
Bryan Martin, Lanny Rosenwasser, Walter Canonica, Allen Kaplan,
Nikolai Khaltsev, Valery Chereshev

10.40 – 11.10 **ALAIN DE WECK HONORARY LECTURE** (Main Congress Hall)
MODERATORS: Antonella Muraro, Mario Sanchez-Borges, Revaz Sepiashvili
LECTURER: Walter Canonica

11.15 – 11.45 **LEONARD NOON AND JOHN FREEMAN HONORARY LECTURE** (Main Congress Hall)
MODERATORS: Ignacio Ansotegui, Walter Canonica, Nikolai Khaltsev
LECTURER: Adnan Custovic

11.50 – 12.20 **CLEMENS VON PIRQUET HONORARY LECTURE** (Main Congress Hall)
MODERATORS: Mario Sanchez-Borges, Revaz Sepiashvili
LECTURER: Lanny Rosenwasser

12.20 – 12.40 **COFFEE BREAK**

12.40 – 15.40 **WORLD ALLERGY TRAINING SCHOOL** (Hall # 1). Admission by invitations only
CHAIRMEN: Ignacio Ansotegui, Lanny Rosenwasser, Mario Sanchez-Borges,
Revaz Sepiashvili, Dana Wallace

12.40 – 13.50 **MAIN SYMPOSIUM “A”:** Chronic urticaria and angioedema: An update
(Main Congress Hall)
CHAIRMEN: Jonathan Bernstein, David Lang, Menachem Rottem
SPONSOR: AFI

14.00 – 14.30 **KEYNOTE LECTURE:** 50 years of IgE (Main Congress Hall)
MODERATORS: Adnan Custovic, Revaz Sepiashvili, Tatiana Slavyanskaya
LECTURER: Rudolf Valenta

14.40 – 16.40 **PLENARY SESSION** (Main Congress Hall)
CHAIRMEN: Adnan Custovic, Tatyana Fedoskova, Allen Kaplan, Robert Niven

10.00 – 16.30 **POSTER SESSION** (Congress Hall)
MODERATORS: Manana Chikhladze, Kamal Maurice Hanna, Roman Khanferyan

PRESIDENTIAL DINNER
(Busses will depart from the Park Inn Pribaltiyskaya Hotel on 16:45)
Admission by invitations only



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

SUNDAY, JULY 3

- 09.00 – 16.00 **Registration Desk Open** (*Park Inn Pribaltiyskaya Hotel*)
- 9.00 – 10.10 **PLENARY SESSION** (*Main Congress Hall*)
CHAIRMEN: Marek Jutel, Giovanni Passalacqua, Peter Schmid-Grendelmeier, Tatiana Slavyanskaya
- 10.15 – 10.55 **JOINT SESSION OF THE AMERICAN COLLEGE OF ALLERGY, ASTHMA & IMMUNOLOGY (ACAAI) AND THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISAI)** (*Main Congress Hall*)
CHAIRMEN: Sami Bahna, Bryan Martin, Revaz Sepiashvili, Tatiana Slavyanskaya, Dana Wallace
- 11.00 – 11.30 **CARLOS BAENA-CAGNANI HONORARY LECTURE** (*Main Congress Hall*)
MODERATORS: Musa Khaitov, Revaz Sepiashvili, Rudolf Valenta
LECTURER: Ignacio Ansotegui
- 11.35 – 12.35 **JOINT SESSION OF THE WORLD ALLERGY ORGANIZATION (WAO) AND THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISAI)** (*Main Congress Hall*)
CHAIRMEN: Ignacio Ansotegui, Lanny Rosenwasser, Mario Sanchez-Borges, Revaz Sepiashvili, Tatiana Slavyanskaya, Dana Wallace
- 12.35 – 12.50 **COFFEE BREAK**
- 12.50 – 14.50 **WORLD ALLERGY TRAINING SCHOOL** (*Hall # 1*). Admission by invitations only
CHAIRMEN: Ignacio Ansotegui, Lanny Rosenwasser, Mario Sanchez-Borges, Revaz Sepiashvili, Tatiana Slavyanskaya, Dana Wallace
- 12.50 – 13.20 **ROMAIN POWELS HONORARY LECTURE** (*Main Congress Hall*)
MODERATORS: Ronald Dahl, Stelios Loukides, Revaz Sepiashvili
LECTURER: Kian Fan Chung
- 13.20 – 15.00 **PLENARY SESSION** (*Main Congress Hall*)
CHAIRMEN: Kian Fan Chung, Kamal Maurice Hanna, Alexander Karaulov, Stelios Loukides, Robert Niven
- 15.05 – 16.50 **JOINT SESSION OF THE EUROPEAN ACADEMY OF ALLERGY AND CLINICAL IMMUNOLOGY (EAACI) AND THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISAI)** (*Main Congress Hall*)
CHAIRMEN: Marek Jutel, Antonella Muraro, Peter Schmid-Grendelmeier, Revaz Sepiashvili, Tatiana Slavyanskaya
- 16.55 – 17.25 **WILLIAM FRANKLAND HONORARY LECTURE** (*Main Congress Hall*)
MODERATORS: Manana Chikhladze, Ronald Dahl, Bryan Martin
LECTURER: Sami Bahna
- 17.30 – 19.00 **INTERNATIONAL TRAINING SCHOOL IN MOLECULAR ALLERGOLOGY “CLINICAL ASPECTS OF MOLECULAR ALLERGOLOGY” 25 years of recombinant allergens**
CHAIRMEN: Heimo Breiteneder, Tatiana Slavyanskaya, Rudolf Valenta
SPONSOR: Medical University of Vienna and INUNIMAI
- 10.00 – 17.00 **POSTER SESSION** (*Congress Hall*)
MODERATORS: Luchia Andriesh, Amalia Ayubova, Spartak Gambarov, Oksana Mitkovskaya



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1-4, 2016

MONDAY, JULY 4

- 09.00 – 16.00 **Registration Desk Open** (*Park Inn Pribaltiyskaya Hotel*)
- 09.30 – 11.30 **MAIN SYMPOSIUM “B”** (*Main Congress Hall*)
CHAIRMEN: Ronald Dahl, Alexander Karaulov, Michael Makris, Irina Nesterova, Elias Toubi
- 11.40 – 12.10 **KEYNOTE LECTURE** (*Main Congress Hall*)
MODERATORS: Kamal Maurice Hanna, Stelios Loukides, Revaz Sepiashvili, Tatiana Slavyanskaya
LECTURER: Ronald Dahl
- 12.10 – 12.40 **COFFEE BREAK**
- 12.40 – 13.10 **KEYNOTE LECTURE** (*Main Congress Hall*)
MODERATORS: Amalia Ayubova, Roman Khanferyan, Olga Smirnova, Elias Toubi
LECTURER: Stelios Loukides
- 13.15 – 15.15 **PLENARY SESSION** (*Main Congress Hall*)
CHAIRMEN: Ralph Cash, Gennaro D’Amato, Bryan Martin, Elias Toubi
- 15.20 – 17.00 **MAIN SYMPOSIUM “C”** (*Main Congress Hall*)
CHAIRMEN: Luchia Andriesch, Gert Folkerts, Roman Khanferyan, Akio Mori, Oksana Svitich
- 10.00 – 16.30 **POSTER SESSION** (*Congress Hall*)
MODERATORS: Irina Balmasova, Elmira Bitanova, Nataliya Tataurshchikova
- 17.15 – 17.45 **CLOSING CEREMONY. HANDLING OF AWARDS TO THE AUTHORS OF BEST POSTER PRESENTATIONS** (*Main Congress Hall*)
CHAIRMEN: Revaz Sepiashvili, Walter Canonica, Allen Kaplan, Lanny Rosenwasser



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Friday, July 1, 14.00 – 19.00

*Park Inn Pribaltiyskaya Hotel
Lobby*

REGISTRATION DESK OPEN

Saturday, July 2, 9.30 – 10.00

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

KEYNOTE LECTURE (WHO)

Moderators:

*Walter Canonica
Allen Kaplan
Lanny Rosenwasser
Revaz Sepiashvili*

Nikolai Khaltsev *World Health Organization, Switzerland*
Update on WHO/GARD Global Activities



Saturday, July 2, 10.00 – 10.30

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

OPENING CEREMONY



Revaz Sepiashvili

**Congress President, Program Committee Co-Chairman
President, World Immunopathology Organization**



Mario Sanchez-Borges

President, World Allergy Organization (WAO)



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1-4, 2016



Antonella Muraro

President, European Academy of Allergology and Clinical Immunology (EAACI)



Bryan Martin

President, American College of Allergy, Asthma and Immunology (ACAAI)



Lanny Rosenwasser

Program Committee Co-Chairman
Past-President, World Allergy Organization (WAO)



Walter Canonica

Program Committee Co-Chairman
President, International Association of Asthmology (INTERASMA)



Allen Kaplan

Program Committee Co-Chairman



Nikolai Khaltsev

World Health Organization (WHO)



Valery Chereshev

President, Russian Society of Immunology



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Saturday, July 2, 10.40 – 11.10

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

ALAIN DE WECK HONORARY LECTURE

Moderators:

*Antonella Muraro
Mario Sanchez-Borges
Revaz Sepiashvili*



G. Walter Canonica *University of Genoa, IRCCS AOU San Martino-IST, Genoa, Italy*

The path to personalized medicine and new treatments for asthma



Saturday, July 2, 11.15 – 11.45

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

LEONARD NOON and JOHN FREEMAN HONORARY LECTURE

Moderators:

*Ignacio Ansotegui
Walter Canonica
Nikolai Khaltsev*



Adnan Custovic *Imperial College of London, UK*

Can biomarkers improve prevention of asthma and allergic disease?





IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



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July 1–4, 2016

Saturday, July 2, 11.50 – 12.20

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

CLEMENS VON PIRQUET HONORARY LECTURE

*Moderators: Mario Sanchez-Borges
Revaz Sepiashvili*



Lanny Rosenwasser *Missouri Endowed Chair in Pediatric Immunology Research, Allergy-Immunology Division, Children's Mercy Hospital, Kansas City, USA*
Omics in allergy



Saturday, July 2, 12.40 – 15.40

*Park Inn Pribaltiyskaya Hotel
Hall # 1*

WORLD ALLERGY TRAINING SCHOOL

*Chairmen : Ignacio Ansotegui
Lanny Rosenwasser
Mario Sanchez-Borges
Revaz Sepiashvili
Dana Wallace*

INTRODUCTION AND GOALS

LECTURE 1

Lanny Rosenwasser *Missouri Endowed Chair in Pediatric Immunology Research, Allergy-Immunology Division, Children's Mercy Hospital, Kansas City, USA*
Asthma: Diagnostics and treatment

WORKSHOP 1. PULMONARY FUNCTION TESTING AND INTERPRETATION

Chairmen: Lanny Rosenwasser, Mario Sanchez-Borges

LECTURE 2

Ignacio Ansotegui *Hospital Quirón Bizkaia, Erandio, Spain*
Allergy testing and allergen immunotherapy

WORKSHOP 2. SKIN TESTING: PRICKS AND INTRADERMAL

*Chairmen: Ignacio Ansotegui, Bryan Martin, Lanny Rosenwasser
Mario Sanchez-Borges, Dana Wallace*

QUESTIONS AND ANSWERS

Chairmen: Ignacio Ansotegui, Lanny Rosenwasser



Saint Petersburg, Russia

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Saturday, July 2, 12.40 – 13.50

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

MAIN SYMPOSIUM "A"
CHRONIC URTICARIA AND ANGIOEDEMA: AN UPDATE

Chairmen: *Jonathan Bernstein
David Lang
Menachem Rottem*

Sponsor: *AFI*

Allen Kaplan *Medical University of South Carolina, Charleston, USA*
Mechanisms and pathogenesis of urticaria and angioedema

Jonathan Bernstein *University of Cincinnati, UC College of Medicine, UC Department of Internal Medicine, Cincinnati, USA*
Consensus European and US Urticaria and Angioedema Guidelines: Do we agree or disagree?

David Lang *Department of Allergy and Clinical Immunology, Cleveland Clinic, Cleveland, USA*
Applying evidence based medicine to guidelines for urticaria and angioedema diagnosis and management

Saturday, July 2, 14.00 – 14.30

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

KEYNOTE LECTURE "50 years of IgE"

Moderators: *Adnan Custovic
Revaz Sepiashvili
Tatiana Slavyanskaya*

Rudolf Valenta *Division of Immunopathology, Department of Pathophysiology and Allergy Research, Medical University of Vienna, Austria*
IgE-targeted strategies for treatment of severe allergy





IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



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Saturday, July 2, 14.40 – 16.40

***Park Inn Pribaltiyskaya Hotel
Main Congress Hall***

PLENARY SESSION

Chairmen: *Adnan Custovic
Tatyana Fedoskova
Allen Kaplan
Robert Niven*

G. Walter Canonica *University of Genoa, IRCCS AOU San Martino-IST, Genoa, Italy*
Allergen immunotherapy in asthma: update 2016

Adnan Custovic *Imperial College of London, UK*
Allergen avoidance in asthma – Does it work and is it workable?

Allen Kaplan *Medical University of South Carolina, Charleston, USA*
Update on innate and acquired cytokine networks and asthma

Robert Niven *University Hospital of South Manchester, UK*
Patterns of dysfunctional breathing in asthma

Mario Sanchez-Borges *The Allergy and Immunology Department, Centro Médico-Docente La Trinidad and
Clínica El Avila, Caracas, Venezuela*
Evaluation of quality of life in patients with chronic urticaria

Tatyana Fedoskova *Russian National Medical University; Institute of Immunology, Moscow, Russia*
Management tactics of frequently ill patients with allergic anamnesis

Saturday, July 2, 10.00 – 16.30

***Park Inn Pribaltiyskaya Hotel
Congress Hall***

POSTER SESSION

Moderators: *Manana Chikhladze
Kamal Maurice Hanna
Roman Khanferyan*

A. Scaramozzino, M.U. Scaramozzino *U.O. Pneumology Policlinico M.d.C Reggio Calabria, Italy*
The clinical significance of non-allergic asthma: In the 1500 cases

Iris Karachaliou, Maria Palavra, Georgios Noutsos, Eleni Dimitriadou, Georgia Konstantopoulou,

A.G. Tsaroucha *8th Pulmonology dpt of Hospital of Chest Diseases of Athens, Greece*
Self education program in Asian immigrants with low socioeconomic status and ignorance of the Greek language



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Aida Abdeen Mahmoud¹, Abdellah Hamed Khalil Ali² ¹*Department of Medical Biochemistry, Faculty of Medicine, Sohag University, Egypt;* ²*Department of Respiratory Medicine, Faculty of Medicine, Sohag University, Egypt*

Sirtuin 1 gene rs2273773 C > T single nucleotide polymorphism and protein oxidation markers in asthmatic patients

Seema Singh¹, Santosh Kumar¹, M K Ahmad², S K Verma¹ ¹*Department of Respiratory Medicine, King George's Medical University, Uttar Pradesh, India;* ²*Department of Biochemistry, King George's Medical University, Uttar Pradesh, India*

Association between serum cytokine levels and oxidative stress in COPD patients, smokers, and non-smoker in North Indian population

Adamantia Liapikou, Katerina Dimakou, Georgios Zarmbis, Michael Toumbis *6th and 5th Respiratory Department, Sotiria Hospital, Athens, Greece*

Clinical presentation and outcomes of community-acquired pneumonia in patients with chronic obstructive pulmonary disease

Jelizaveta Zavoronkova, Aiga Rudule, Dace Rudzite, Daiga Santare, Raul Murillo, Jin Young-Park, Rolando Herrero, Ilva Daugule, Marcis Leja *Faculty of Medicine, Riga, University of Latvia, Riga East University Hospital "Gaiļezers", Riga, Latvia; IARC, International Agency for Research on Cancer, Lyon, France; Digestive Diseases Centre "GASTRO", Riga, Latvia*

Helicobacter pylori infection among patients with allergy in Latvian population

L.L. Lazarenko, E.L. Lazutkina, V.S. Bardov *I.I. Mechnikov North-Western State Medical University, Saint-Petersburg; Amur State Medical Academy, Blagoveshchensk, Russia*

Cytokine profile as the biomarker of the severity of bronchial asthma

V.V. Derkach, T.A. Slavyanskaya *Medical University, Vladivostok; Peoples' Friendship University of Russia, Moscow, Russia*

Targeted therapy as a basic issue of atopic dermatitis' management in patients

Baikal Sangidorg, A.N. Ronzhina, N.S. Tataurshchikova *People's Friendship University of Russia, Moscow, Russia*

Specifics of seasonal allergic rhinitis in Mongolia

A.V. Kasyanenko, S.F. Goncharuk, Yu.I. Bazhora *Odessa National Medical University, Odessa, Ukraine*

The sensitization rate to different groups of pollen allergens in patients with pollinosis (hay fever) in the southern regions of Ukraine

O.D. Dobrynina, V.V. Meshcheryakov *Medical Institute of Surgut State University, Surgut, Russia*

Clinical predictors of asthma in preschool children

A.P. Ruban, V.F. Zhernosek, I.V. Lazarchik, S.V. Fedorovich *Belarus Scientific Society of Immunology and Allergology, Minsk, Belarus*

Evolution of the representations about drug hypersensitivity in pediatric practice

N. Adamia, L. Jorjoliani, R. Karseladze, Ir. Ubiria, L. Saginadze, M. Ghughunishvili, D. Khachapuridze, E. Khurtsidze *Tbilisi State Medical University, Tbilisi State University, Department of General Pediatrics, Tbilisi, Georgia; Center of Allergology and Immunology, Tskhaltubo, Georgia*

Allergic rhinitis in childhood population

Ya.Yu. Illek, A.V. Galanina, I.B. Chaganov, N.P. Leushina, I.Yu. Mishchenko, E. Yu. Tarasova *Kirov State Medical Academy, Kirov, Russia*

Ozone therapy in the complex treatment of children with persistent allergic rhinitis



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Sunday, July 3, 9.00 – 10.10

*Park Inn Pribaltiyskaya Hotel,
Main Congress Hall*

PLENARY SESSION

Chairmen: *Marek Jutel
Giovanni Passalacqua
Peter Schmid-Grendelmeier
Tatiana Slavyanskaya*

Giovanni Passalacqua *Allergy and Respiratory Diseases, Department of Internal Medicine, University of Genoa, Italy*

Molecular allergy diagnosis and allergen immunotherapy

Peter Schmid-Grendelmeier *Allergy Unit, Dept of Dermatology, University Hospital of Zurich, Switzerland*

Allergen-specific immunotherapy: Future perspectives

Giovanni Passalacqua *Allergy and Respiratory Diseases, Department of Internal Medicine, University of Genoa, Italy*

Allergen immunotherapy as a model of precision medicine

Sunday, July 3, 10.15 – 10.55

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

JOINT SESSION OF THE AMERICAN COLLEGE OF ALLERGY, ASTHMA & IMMUNOLOGY (ACAAI) and THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISSAI)

Chairmen: *Sami Bahna
Bryan Martin
Revaz Sepiashvili
Tatiana Slavyanskaya
Dana Wallace*

Bryan Martin *The Ohio State University in Columbus, Ohio, USA*

A team approach to anaphylaxis

Sami Bahna *Allergy & Immunology Section, Louisiana State University Health Sciences Center, Shreveport, USA*

Not every seafood allergy is allergy



IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



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Sunday, July 3, 11.00 – 11.30

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

CARLOS BAENA CAGNANI HONORARY LECTURE

*Moderators: Musa Khaitov
Revaz Sepiashvili
Rudolf Valenta*



Ignacio Ansotegui *Hospital Quirón Bizkaia, Erandio, Spain*
Importance of molecular allergy diagnosis in immunotherapy



Sunday, July 3, 11.35 – 12.35

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

JOINT SESSION OF THE WORLD ALLERGY ORGANIZATION (WAO) and THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISSAI)

*Chairmen: Ignacio Ansotegui
Lanny Rosenwasser
Mario Sanchez-Borges
Revaz Sepiashvili
Tatiana Slavyanskaya
Dana Wallace*

Ignacio Ansotegui *Hospital Quirón Bizkaia, Erandio, Spain*
Epidemiology of anaphylaxis: from childhood to elderly

Mario Sanchez-Borges *The Allergy and Immunology Department, Centro Médico-Docente La Trinidad and
Clínica El Avila, Caracas, Venezuela*
Nonsteroidal anti-inflammatory drug-induced angioedema

Dana Wallace *Florida Center for Allergy and Asthma Care, Fort Lauderdale, FL, USA*
Controversies in managing children with food allergy



Saint Petersburg, Russia

July 1-4, 2016

Sunday, July 3, 12.50 – 14.50

**Park Inn Pribaltiyskaya Hotel
Hall # 1**

WORLD ALLERGY TRAINING SCHOOL

Chairmen : *Ignacio Ansotegui
Lanny Rosenwasser
Mario Sanchez-Borges
Tatiana Slavyanskaya
Dana Wallace*

INTRODUCTION AND GOALS

LECTURE 3

Mario Sanchez-Borges *The Allergy and Immunology Department, Centro Médico-Docente La Trinidad and
Clínica El Avila, Caracas, Venezuela*
Drug allergy: PCN and NSAIDS

LECTURE 4

Dana Wallace *Florida Center for Allergy and Asthma Care, Fort Lauderdale, FL, USA*
Food allergy: Diagnostics and management

CASE-BASED DISCUSSIONS

FOOD ALLERGY

Sami Bahna

IMMUNOTHERAPY

Bryan Martin

DRUG ALLERGY

Mario Sanchez-Borges

Dana Wallace will facilitate

Sunday, July 3, 12.50 – 13.20

**Park Inn Pribaltiyskaya Hotel
Main Congress Hall**

ROMAIN POWELS HONORARY LECTURE

Moderators: *Ronald Dahl
Stelios Loukides
Revaz Sepiashvili*

Kian Fan Chung *Airway Disease Section, Imperial College London,
UK; Faculty of Medicine, National Heart & Lung Institute, UK*
Phenotyping of asthma: towards personalised treatment





IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



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Sunday, July 3, 13.20 – 15.00

***Park Inn Pribaltiyskaya Hotel
Main Congress Hall***

PLENARY SESSION

Chairmen:

***Kian Fan Chung
Kamal Maurice Hanna
Alexander Karaulov
Stelios Loukides
Robert Niven***

Kian Fan Chung *Airway Disease Section, Imperial College London, UK; Faculty of Medicine, National Heart & Lung Institute, UK*

New treatments for severe asthma

Robert Niven *University Hospital of South Manchester, UK*

Bronchial thermoplasty

Stelios Loukides *University of Athens Medical School, 2nd Respiratory Medicine Dept, Attiko University Hospital, Athens, Greece*

Biomarkers guided treatment strategies in asthma

Kamal Maurice Hanna *Faculty of Medicine, Cairo University, Cairo, Egypt*

Complementary and alternative therapies for asthma and COPD: Current evidence

Tatyana Fedoskova *Russian National Medical University; Institute of Immunology, Moscow, Russia*

New way in the allergic rhinitis treatment



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Sunday, July 3, 15.05 – 16.50

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

JOINT SESSION OF THE EUROPEAN ACADEMY OF ALLERGY AND CLINICAL IMMUNOLOGY (EAACI) and THE CIS SOCIETY OF ALLERGOLOGY AND IMMUNOLOGY (CISSAI)

Chairmen:

*Marek Jutel
Antonella Muraro
Peter Schmid-Grendelmeier
Revaz Sepiashvili
Tatiana Slavyanskaya*

Antonella Muraro *Food Allergy Referral Centre Veneto Region, Department of Women and Child Health,
Padua General University Hospital, Padua, Italy*
Precision Medicine in atopic diseases

Peter Schmid-Grendelmeier *Allergy Unit, Dept. of Dermatology, University Hospital of Zürich, Switzerland*
Atopic Dermatitis – Update 2106

Antonella Muraro *Food Allergy Referral Centre Veneto Region, Department of Women and Child Health,
Padua General University Hospital, Padua, Italy*
Translating Guidelines for food allergy and anaphylaxis into practice

Marek Jutel *Wrocław Medical University, Wrocław, Poland*
Precision medicine in allergy immunotherapy (AIT)

Sunday, July 3, 16.55 – 17.25

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

WILLIAM FRANKLAND HONORARY LECTURE

Moderators:

*Manana Chikhladze
Ronald Dahl
Bryan Martin*



Sami Bahna *Allergy & Immunology Section, Louisiana State
University Health Sciences Center, Shreveport, USA*
Allergies to kisses





Saint Petersburg, Russia

July 1–4, 2016

Sunday, July 3, 17.30 – 19.00

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

INTERNATIONAL TRAINING SCHOOL IN MOLECULAR ALLERGOLOGY
CLINICAL ASPECTS OF MOLECULAR ALLERGOLOGY
25 YEARS OF RECOMBINANT ALLERGENS

Chairmen: *Heimo Breiteneder
Tatiana Slavyanskaya
Rudolf Valenta*

Sponsor: *Medical University of Vienna and INUNIMAI*



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for Molecular Allergology and Immunology

Rudolf Valenta *Division of Immunopathology, Department of Pathophysiology and Allergy Research,
Medical University of Vienna, Austria*

Introduction. From molecular allergy diagnosis towards prediction of allergy

Heimo Breiteneder *Division of Medical Biotechnology, Department of Pathophysiology and Allergy
Research, Medical University of Vienna, Austria*

Clinical significance of major allergen families and superfamilies

Marianne van Hage *Department of Medicine, Solna, Karolinska University Hospital, Stockholm, Sweden*

Furry animal allergens, alpha-Gal and red meat allergy

Christine Hafner *Department of Dermatology, University Hospital St. Poelten, Karl Landsteiner University
of Health Sciences, St. Poelten, Austria*

Hidden allergens

Raffaella Campana *Division of Immunopathology, Department of Pathophysiology and Allergy Research,
Medical University of Vienna, Vienna, Austria*

Vaccination of non-allergic individuals with recombinant hypoallergenic Bet v 1-derivatives

Rudolf Valenta *Division of Immunopathology, Department of Pathophysiology and Allergy Research,
Medical University of Vienna, Austria*

Conclusion



Saint Petersburg, Russia

July 1–4, 2016

Sunday, July 3, 10.00 – 17.00

***Park Inn Pribaltiyskaya Hotel
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POSTER SESSION

Moderators: *Luchia Andriesh
Amalia Ayubova
Spartak Gambarov
Oksana Mitkovskaya*

Ina Palii, Veronica Esanu, Valeriu Esanu *Institute of Mother and Child, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Moldova*

The role of proinflammatory cytokines in heart failure in children in combination with pulmonary hypertension

Manana Chikhladze, D. Khachapuridze, S. Gamkrelidze, R. Sepiashvili *Peoples' Friendship University of Russia, Moscow, Russia; National Institute of Allergology, Asthma and Clinical Immunology, Georgian Academy of Sciences, Tskaltubo, Georgia*

Aeropolinologic monitoring and distribution of allergoallergens in Western Georgia.

N.V. Zaitseva, O.Yu. Ustinova *Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Perm, Russia*

Medical and preventive technologies in the system of specialized medication and prevention of allergic respiratory diseases in areas of ecological trouble

Manana Chikhladze, D. Khachapuridze, S. Gamkrelidze, R. Sepiashvili *Peoples' Friendship University of Russia, Moscow, Russia; National Institute of Allergology, Asthma and Clinical Immunology, Georgian Academy of Sciences, Tskaltubo, Georgia*

Evaluation of spirometry parameters and monitoring of immunological data in patients with psychosocial problems

A.V. Galanina, Ya.Yu. Illek, T.N. Rybakova, E.A. Fedyaeva, E.V. Suslova *Kirov State Medical Academy, Kirov, Russia*

Expression of Toll-like receptors in atopic dermatitis

S.I. Bobko *Research Center for Dermatovenereology and Cosmetology, Moscow, Russia*

Integrative approach to the phenomenon of itch from the view of allergologist and dermatovenereologist

D. Khachapuridze, N. Adamia, L. Jorjoliani, I. Ubiria, L. Saginadze, T. Gigauri, Sh. Shonia, D. Topuria, M. Chikhladze *Center of Allergology and Immunology, Tskaltubo; Akaki Tsereteli State University, Kutaisi, Georgia; Tbilisi State Medical University, M. Iashvili Clinic. Chapidze Emergency Cardiology Center, Tbilisi Georgia*

Identification of allergic diseases in children, at a time of health screening

N.A. Sinelnikova, N.M. Kalina, N.D. Savenkova, N.V. Bychkova *SPbGPMU; ARCERM, EMERCOM of Russia, Saint-Petersburg, Russia*

Features of basophil activation in children with spontaneous and inducible chronic urticaria

I. Shishimorov, V. Petrov, O. Magnitskaya, A. Perminov *Volgograd State Medical University, Volgograd, Russia*

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IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Monday, July 4, 9.30 – 11.30

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

MAIN SYMPOSIUM "B"

Chairmen:

*Ronald Dahl
Alexander Karaulov
Michael Makris
Irina Nesterova
Elias Toubi*

Ronald Dahl *Allergy Centre, Odense University Hospital, Odense C, Denmark*
Inhaled steroid in COPD

Kamal Maurice Hanna *Faculty of Medicine, Cairo University, Cairo, Egypt*
Smoking cessation for asthma and COPD: Innovative techniques

Gennaro D'Amato *Division of Respiratory and Allergic Diseases, Department of Chest Diseases High Speciality A. Cardarelli Hospital, Napoli Italy*
Update on interrelationship between social networks and asthma

Elias Toubi *Division of Allergy and Clinical Immunology, Bnai Zion Medical Center, Haifa, Israel; Ruth & Bruce Rappaport Faculty of Medicine, Technion, Haifa, Israel*
B regulatory cells in asthma – state of art

Michail Makris *University Hospital Attikon, National and Kapodistrian University of Athens, Greece*
Rhinitis and severe asthma

Monday, July 4, 11.40 – 12.10

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

KEYNOTE LECTURE

Moderators:

*Kamal Maurice Hanna
Stelios Loukides
Revaz Sepiashvili
Tatiana Slavyanskaya*

Ronald Dahl *Allergy Centre, Odense University Hospital, Odense C, Denmark*
New perspectives on COPD management





IX WORLD ASTHMA, ALLERGY & COPD FORUM X CIS CONGRESS ON ALLERGOLOGY AND IMMUNOLOGY



Saint Petersburg, Russia

July 1–4, 2016

Monday, July 4, 12.40 – 13.10

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Main Congress Hall*

KEYNOTE LECTURE

Moderators:

*Amaliya Ayubova
Roman Khanferyan
Olga Smirnova
Elias Toubi*

Stelios Loukides *University of Athens Medical School, 2nd
Respiratory Medicine Dept, Attiko University Hospital, Athens,
Greece*

*Biomarkers for COPD exacerbation: Implications for applications
in clinical practice*



Monday, July 4, 13.15 – 15.15

*Park Inn Pribaltiyskaya Hotel
Main Congress Hall*

PLENARY SESSION

Chairmen:

*Ralph Cash
Gennaro D'Amato
Bryan Martin
Elias Toubi*

Bryan Martin *The Ohio State University in Columbus, Ohio, USA*

The therapeutic importance of the immunology of asthma

Ralph Cash *Nova Southeastern University, USA*

Food allergy bullying: It's not a joke

Gennaro D'Amato *Division of Respiratory and Allergic Diseases, Department of Chest Diseases, High
Speciality A. Cardarelli Hospital, Napoli, Italy*

New developments on the interaction between climate change and respiratory allergy

Raffaella Campana *Division of Immunopathology, Department of Pathophysiology and Allergy Research,
Medical University of Vienna, Vienna, Austria*

Diagnostic and therapeutic approaches for birch pollen allergy

Elias Toubi *Division of Allergy and Clinical Immunology, Bnai Zion Medical Center, Haifa, Israel; Ruth &
Bruce Rappaport Faculty of Medicine, Technion, Haifa, Israel*

The role of semaphorin3A in asthma



Saint Petersburg, Russia

July 1–4, 2016

Monday, July 4, 15.20 – 17.00

Park Inn Pribaltiyskaya Hotel, Main Congress Hall

MAIN SYMPOSIUM "C"

Chairmen:

***Luchia Andriesh
Gert Folkerts
Roman Khanferyan
Akio Mori
Oksana Svitich***

Roman Khanferyan *Institute of Nutrition, Moscow, Russia*

On the role of histamine receptors in cytokine/chemokine synthesis by mononuclear and dendritic cells

Akio Mori¹, Satoshi Kouyama¹, Miyako Yamaguchi¹, Akemi Ohtomo-Abe¹, Yosuke Kamide¹, Hiroaki Hayashi¹, Kentaro Watai¹, Chihiro Mitsui¹, Kiyoshi Sekiya¹, Takahiro Tsuburai¹, Yuma Fukutomi¹, Masami Taniguchi¹, Takayuki Ohtomo² and Osamu Kaminuma³ *¹National Hospital Organization, Sagami-hara National Hospital, Clinical Research Center, Sagami-hara, Japan, ²Tokyo University of Pharmacy and Life Science, Department of Pharmacotherapeutics, Tokyo, Japan, ³The Center for Life Science Research, University of Yamanashi, Chuo, Japan*

Treatment of steroid resistant eosinophilia by CD28 signal blockade

A. Konishcheva, V. Gervazieva, T. Ospelnikova *I.I. Metchnikoff Research Institute of Vaccine and Sera; N.F. Gamaleya Research Institute of Epidemiology and Microbiology, Moscow, Russia*

Autoreactivity and inflammatory biomarkers in patients with COPD and asthma

Gert Folkerts¹, Kim A.T. Verheijden¹, Saskia Braber², Thea Leusink-Muis¹, Prescilla V. Jeurink³, Suzan Thijssen¹, Aletta D. Kraneveld¹, Johan Garssen^{1,3}, Linette E.M. Willemsen¹ *¹Utrecht University, Faculty of Science, Utrecht Institute for Pharmaceutical Sciences, Division of Pharmacology, Utrecht, The Netherlands ²Utrecht University, Faculty of Veterinary Sciences, Division of Veterinary Pharmacy, Pharmacology and Toxicology, The Netherlands ³Nutricia Research, Immunology, Utrecht, The Netherlands*

A combination of Budesonide and Dietary galacto-oligosaccharides enhances the suppression of pulmonary Th2 driving mediators in house dust mite-induced asthma in mice

Johan Grooten, Seppe Vander Beken, Knut R. Steffensen, Muriel Smet *Department Biomedical Molecular Biology, University Ghent, Ghent, Belgium*

Cholesterol-sensing liver X receptors stimulate Th2-driven eosinophilic asthma in mice

Mohammed Shamssain, Anisa Essa, Siba Al-Afandi *College of Pharmacy and Health Sciences, Ajman University of Science and Technology, Ajman, UAE*

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Saint Petersburg, Russia

July 1–4, 2016

Monday, July 4, 10.00 – 16.30

*Park Inn Pribaltiyskaya Hotel
Congress Hall*

POSTER SESSION

Moderators:

*Irina Balmasova
Elmira Bitanova
Natalia Taturshchikova*

N.A. Avdonkina¹, T.A. Slavyanskaya^{1,2}, I.A. Baldueva³, S.V. Salnikova² ¹People' Friendship University of Russia; ²Institute of Immunophysiology, Moscow, Russia; ³N.N. Petrov Research Institute of Oncology, St Petersburg, Russia

Features of cultivation of cells of urothelial carcinoma

S.V. Salnikova^{2,3}, T.A. Slavyanskaya^{1,2}, L.P. Ivanchenko³, I.A. Baldueva⁴ ¹People's Friendship University of Russia; ²Institute of Immunophysiology; ³Clinical Hospital #1» of the Presidential Affairs Management of the Russian Federation, Moscow, Russia; ⁴Petrov Research Institute of Oncology, St.-Petersburg, Russia

Prospects for the use of photodynamic method in the complex treatment of bladder cancer

T.A. Slavyanskaya^{1,2}, S.V. Salnikova², N.A. Avdonkina¹, R.I. Sepiashvili^{1,2}, I.A. Baldueva³ ¹Peoples' Friendship University of Russia, ²Institute of Immunophysiology, Moscow; ³Petrov Research Institute of Oncology, St. Petersburg, Russia

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A.H. Gaydarova, O.V. Garshina, G.R. Giginshvili *Russian Scientific Center of Rehabilitation and Kurortology, Moscow, Russia*

Art therapy as a method to correct the psychological being of patients after mastectomy, which was conducted due to breast cancer

N.A. Avdonkina¹, T.A. Slavyanskaya^{1,2}, I.A. Baldueva³, S.V. Salnikova² ¹People's Friendship University of Russia; ²Institute of Immunophysiology, Moscow, Russia; ³Petrov Research Institute of Oncology, St.-Petersburg, Russia

Immunotherapy of bladder cancer: past, present and future

B.V. Karalnik¹, T.G. Denisova¹, G.B. Zunusova¹, T.I. Tugambayev², S.B. Zakaryan², Y.S. Fedosov¹ ¹H. Zhumatov Scientific Hygiene and Epidemiology Center, ²M. Aykimbayev Kazakh Research Center of Quarantine and Zoonotic Diseases, Almaty, Kazakhstan

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O.V. Dolgikh, N.V. Zaitseva, D.G. Dianova, A.V. Krivtsov *Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Perm, Russia*

Expression of CD62L membrane marker by immunocompetent cells under exposure to strontium

O.V. Dolgikh, N.V. Zaitseva, K.G. Starkova *Federal Scientific Center for Medical and Preventive Health Risk Management Technologies, Perm, Russia*

Sensibilization markers in children under conditions of high nitrates content in drinking water

T.S. Morozova, I.F. Grishina, I.A. Gurikova *Ural State Medical University, Yekaterinburg, Russia*

Subpopulations of peripheral blood lymphocytes of patients with chronic hepatitis depending on the etiology

T.G. Turcanu, I.I. Palii *Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Moldova*
Immune status in acute respiratory infection associated with herpes infection in babies



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L.P. Andries, O.P. Schitco, A.I. Turcanu, V.C. Sacara, O.V. Iarmoliuc, I.I. Pali, S.S. Sciuca, I.S. Rotari, R.A. Selevestru, A. Gruzinski *Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Moldova*

Primary immunodeficiencies in Moldova: state and prospects

A.A. Evglevsky, I.V. Nesterova*, G.A. Chudilova, L.V. Lomtadze, S.V. Kovalev* *Peoples' Friendship University of Russia, Moscow, Russia; Kuban State Medical University, Krasnodar, Russia*

Features of spontaneous and induced restructurization of the nucleus chromatin of neutrophilic granulocytes of healthy people

I.S. Rotari *Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Moldova*

Molecular and genetic studies in the diagnosis of primary immunodeficiency

O.V. Iarmoliuc *Phthisiopneumology Research Institute, Chisinau, Moldova*

Management of immunodeficiency states and principles of its implementation in medical institutions

Monday, July 4, 17.15 – 17.45

Park Inn Pribaltiyskaya Hotel, Main Congress Hall

CLOSING CEREMONY. HANDLING OF AWARDS TO THE AUTHORS OF BEST POSTER PRESENTATIONS



Revaz Sepiashvili

**Congress President
Co-Chairman, Program Committee
President, World Immunopathology Organization**



Walter Canonica

**Co-Chairman, Program Committee
President, International Association of Asthmology
(INTERASMA)**



Allen Kaplan

Co-Chairman, Program Committee



Lanny Rosenwasser

**Co-Chairman, Program Committee
Past-President, World Allergy Organization (WAO)**



WORLD IMMUNOPATHOLOGY ORGANIZATION (WIPO)

General Information

The World Immunopathology Organization (WIPO) is a professional, non-profit organization. WIPO was created in December 2002, at the I World Congress on Immunopathology in Singapore. During these years, WIPO successfully organized many international congresses and regional and national meetings throughout the world all promoting basic and clinical research and giving an opportunity for exchanging ideas. WIPO is aimed at collecting and disseminating scientific information and providing training and continuous education in various fields of immunopathology.

Aims and Mission

Nowadays, immunopathology has become a multidisciplinary problem. The WIPO global mission is to *promote* through education and research activities worldwide:

- basic and clinical research in experimental and clinical immunology, allergy and asthma, autoimmunity, immunodeficiency, AIDS, immunobiotechnology,
- prevention and treatment of different manifestations of immunopathology—immune-associated disorders,
- excellence in patient care in this very important area of medicine

and to establish communication between specialists in various fields of medical science and practice.

We encourage to join WIPO national and regional societies as well as individual members—doctors and researchers involved in various areas of modern medical research and clinical practice who deal in their everyday practice with any kind of immunopathology.

WIPO Sections

- ◆ Allergy and Asthma
- ◆ Basic Immunology
- ◆ Clinical Immunology
- ◆ Autoimmunity
- ◆ AIDS
- ◆ Dermatology
- ◆ Pediatrics
- ◆ ENT
- ◆ Immunobiotechnology
- ◆ Junior Members

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July 1–4, 2016, Saint Petersburg, Russia

IX World Asthma, Allergy & COPD Forum

April 28 – May 1, 2017, New York, USA

X World COPD, Asthma & Allergy Forum

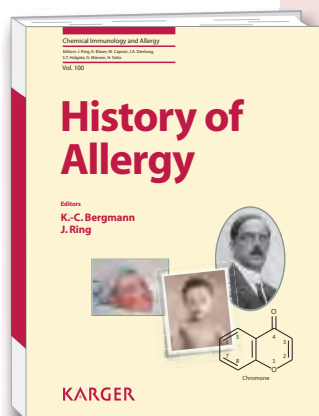
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History of Allergy

Editors
Karl-Christian Bergmann
Johannes Ring

History of Allergy

Editors: Bergmann, K.-C. (Berlin);
Ring, J. (Munich)
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Chemical Immunology and Allergy, Vol. 100
Series Editors: Ring, J. (Munich); Blaser, K. (Davos);
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Saito, H. (Tokyo)
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This book presents a detailed and varied historical overview of the field of allergology. Beginning with insights into allergy from antiquity to the 20th century, it compiles historical reflections on the understanding of the most common allergic diseases. Important milestones in the discovery of mechanisms of allergy are described, followed by historical accounts of the detection of allergens such as pollen, dust mites, peanuts and latex, and of environmental influences such as pollution and the relationship between farmers and their environment. Several chapters illustrate the progress made in allergy management to date. Particular highlights of this book are the personal reflections of and interviews with a number of pioneers of allergy, including F. Austen, J. Bienenstock, K. Blaser, A. de Weck, A.W. Frankland, K. Ishizaka, and many more.

Not only researchers, physicians and medical historians, but also students and even non-scientists will find *History of Allergy* a scientific adventure well worth reading.

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- History of Allergy in the Middle Ages and Renaissance: **Ring, J.**
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Most Common Allergic Diseases:

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Pioneers of Allergy: Personal Reflections

K. Frank Austen • John Bienenstock • Kurt Blaser • Alain de Weck (1928–2013) • Alfred William Frankland • Oscar L. Frick • Kimishige Ishizaka • Lothar Jäger • Terumasa Miyamoto • Harry Morrow Brown (1917–2013) • Albert K. Oehling • Heimo Reulecke • Václav Špičák

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