GENERAL INFORMATION

CONGRESS VENUE
The Renaissance Barcelona Fira Hotel is the Headquarters of the XI World Asthma, Allergy & COPD Forum.

DATES
April 20–23, 2018

LANGUAGE
The official language of the Congress is English.

REGISTRATION
The registration desk will open in the Renaissance Barcelona Fira Hotel:
- April 20, 14.00 – 19.00 in the Lobby of the Hotel
- April 21, 09.00 – 16.00 in the Foyer of the Main Congress Hall (Europa 2+3)
- April 22, 10.00 – 16.00 in the Foyer of the Main Congress Hall (Europa 2+3)
- April 23, 10.00 – 14.00 in the Foyer of the Main Congress Hall (Europa 2+3)

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.

OPENING CEREMONY
The Opening Ceremony of the XI World Asthma, Allergy & COPD Forum will be held in the Main Congress Hall (Europa 2+3), Renaissance Barcelona Fira Hotel on April 21, 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 from 30 min to 45 min including question.

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 in the poster area of the Main Congress Hall (Europa 2+3) according to the Congress Program on April 21 and 22. The poster size is 75×120 cm.

Presenters are requested to attend their poster site
- April 21, 11.45 – 12.15
- April 22, 12.00 – 12.30

CME CREDITS
The XI World Asthma, Allergy & COPD Forum — 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 XI World Asthma, Allergy & COPD Forum will be accredited by EBAP for 18 European CME credits covering the whole program.
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 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.

Contents

Allergy through 20 Centuries
- History of Allergy in Antiquity: Ring, J.
- History of Allergy in the Middle Ages and Renaissance: Ring, J.
- Landmarks in Allergy during the 19th Century: Kay, A.B.
- Milestones in the 20th Century: Bergmann, K.-C.
- Terminology of Allergic Phenomena: Ring, J.

Most Common Allergic Diseases: Historical Reflections in Understanding
- Anaphylaxis: Ring, J. et al.
- Allergic Rhinitis: Mygind, N.
- Asthma: Bergmann, K.-C.
- Atopic Dermatitis/Atopic Eczema: Wallach, D.; Taieb, A.
- Allergic Contact Dermatitis: Ali Khan, A.; Maibach H.I.
- Urticaria and Angioedema: Maurer, M.
- Allergy and the Eye: Bonini, S.
- History of Food Allergy: Wüthrich, B.
- Drug Hypersensitivity: Bircher, A.J.
- Aspirin Hypersensitivity: Sánchez-Borges, M.
- Bradykinin-Mediated Disease: Kaplan, A.P.

Mechanisms of Allergy: Important Discoveries
- The Discovery of Immunoglobulin E and Its Role in Allergy: Johansson, S.G.O.
- T Cell Subpopulations: Romagnani, S.
- Mast Cell Research: Saito, H.
- Basophils: Historical Reflections and Perspectives: Marone, G. et al.
- The Bradykinin-Forming Cascade: A Historical Perspective: Kaplan, A.P.
- Histamine Receptors and Antihistamines: From Discovery to Clinical Applications: Cataldi, M. et al.

Detection of Environmental Influences and Allergens
- Pollen and Pollenosis: Smith, M. et al.
- Mites and Allergy: Fernández-Caldas, E. et al.
- Mammalian Airborne Allergens: Aalberse, R.C.
- The Latex Story: Rauf, M.
- Peanut Allergens: Becker, W.-M.; Jappe, U.
- Environmental Pollution and Allergy: Historical Aspects: Behrendt, H. et al.
- Farmers and Their Environment: Protective Influences of the Farming Environment against the Development of Allergies: Gassner, M.

Progress in Allergy Management
- History of Catecholamine Research: Starke, K.
- Antihistamines: Church, M.K.; Maurer, M.
- Glucocorticoids: Barnes, R.J.
- Chromones: Edwards, A.M.
- Characterization and Standardization of Allergen Extracts: Lawenstein, H.
- Allergen-Specific Immunotherapy: Nelson, H.S.; Norman, P.S.

Pioneers of Allergy: Personal Reflections
- Aalberse, R.C.
- Nelson, H.S.
- Norman, P.S.
- Ring, J.
- Starke, K.
- Wüthrich, B.

Allergies: the Farming Environment against the Development of Allergies: Behrendt, H. et al.

Allergy Societies and Collections
- AAAAI • APAAACI • CIA • EAACI • JSA • SLAAI • WAO • AAAAI

Online Supplementary Material
- Movie 1: Anaphylaxis et Allergie
- Movie 2: World Allergy: The Disease of Civilization
- List of Illustrations / Figure Credits
- Subject Index

The easiest way to order: www.karger.com/chial
## PROGRAM AT A GLANCE

### FRIDAY, APRIL 20

<table>
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| 14.00 – 19.00 | Registration Desk Open  
Renaissance Barcelona Fira Hotel, Lobby |

### SATURDAY, APRIL 21

<table>
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<th>Time</th>
<th>Event</th>
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| 09.00 – 16.00 | Registration Desk Open  
Renaissance Barcelona Fira Hotel,  
Foyer of the Main Congress Hall (Europa 2+3) |
| 10.00 – 10.30 | OPENING CEREMONY  
Main Congress Hall (Europa 2+3)  
CHAIRMEN: Revaz Sepiashvili, Ignacio Ansotegui, Sami Bahna, Nikolai Khaltaev |
| 10.30 – 11.00 | WORLD ALLERGY WEEK 2018  
KEYNOTE LECTURE (WHO – GARD)  
Main Congress Hall (Europa 2+3)  
MODERATORS: Ignacio Ansotegui, Revaz Sepiashvili  
SPEAKER: Nikolai Khaltaev |
| 11.00 – 11.45 | ALBERT OEHLING HONORARY LECTURE  
Main Congress Hall (Europa 2+3)  
MODERATORS: Sami Bahna, Revaz Sepiashvili  
SPEAKER: Sami Bahna |
| 11.45 – 12.15 | Coffee Break  
Foyer of the Main Congress Hall (Europa 2+3) |
| 12.15 – 13.00 | AIGN DE WECK HONORARY LECTURES  
Main Congress Hall (Europa 2+3)  
MODERATORS: Sami Bahna, Revaz Sepiashvili  
SPEAKER: Ignacio Ansotegui |
| 13.00 – 13.45 | KEYNOTE LECTURE  
Main Congress Hall (Europa 2+3)  
MODERATORS: Victòria Cardona, Manana Chikhladze, Stelios Loukides  
SPEAKER: Sami Bahna |
| 14.00 – 15.00 | Lunch  
Admission by tickets only |
| 15.00 – 17.00 | PLENARY SESSION  
Main Congress Hall (Europa 2+3)  
CHAIRMEN: Victòria Cardona, Roman Khanferyan, Carlos Nunes |
| 10.00 – 17.00 | POSTER SESSION  
Main Congress Hall (Europa 2+3)  
MODERATORS: Roman Khanferyan, Nunu Mitskevich |
| 19.30      | PRESIDENTIAL DINNER  
Admission by invitations only |
## PROGRAM AT A GLANCE

### SUNDAY, APRIL 22

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<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Chairmen/Parties</th>
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<tbody>
<tr>
<td>09.00</td>
<td>Registration Desk Open <em>(Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3), Foyer)</em></td>
<td>Main Congress Hall (Europa 2+3), Foyer</td>
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<tr>
<td>10.00</td>
<td><strong>WAO PRESIDENTIAL LECTURE (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Sami Bahna, Manana Chikhladze, Revaz Sepiashvili</td>
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<tr>
<td>10.45</td>
<td><strong>LEONARD NOON AND JOHN FREEMAN HONORARY LECTURE (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Ignacio Ansotegui</td>
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<tr>
<td>10.45</td>
<td><strong>KEYNOTE LECTURE (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Ignacio Ansotegui, Kamal Maurice Hanna</td>
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<tr>
<td>11.30</td>
<td><strong>KEYNOTE LECTURE (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Ignacio Ansotegui, Kamal Maurice Hanna</td>
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<tr>
<td>12.00</td>
<td>Coffee Break <em>(Foyer of the Main Congress Hall (Europa 2+3)</em>*</td>
<td>Foyer of the Main Congress Hall (Europa 2+3)</td>
<td>Gennaro D’Amato, Stelios Loukides</td>
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<tr>
<td>12.30</td>
<td><strong>PLENARY SESSION (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Sergey Deyev, Kamal Maurice Hanna, Bülent Tutluoğlu</td>
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<tr>
<td>14.30</td>
<td><strong>Lunch Admission by tickets only</strong></td>
<td>Foyer of the Main Congress Hall (Europa 2+3)</td>
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<tr>
<td>15.30</td>
<td><strong>KEYNOTE LECTURE (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Nikolai Khaltaev</td>
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<tr>
<td>16.00</td>
<td><strong>PLENARY SESSION (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Sergey Deyev, Kamal Maurice Hanna, Bülent Tutluoğlu</td>
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<tr>
<td>10.00</td>
<td><strong>POSTER SESSION (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Luchia Andrieş, Manana Chikhladze</td>
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### MONDAY, APRIL 23

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<th>Event</th>
<th>Location</th>
<th>Chairmen/Parties</th>
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<tr>
<td>09.00</td>
<td>Registration Desk Open <em>(Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3), Foyer)</em></td>
<td>Main Congress Hall (Europa 2+3), Foyer</td>
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<tr>
<td>10.00</td>
<td><strong>PLENARY SESSION (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
<td>Sergey Deyev, Roman Khanferyan, Nunu Mitskevich</td>
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<tr>
<td>12.00</td>
<td>Coffee Break <em>(Foyer of the Main Congress Hall (Europa 2+3)</em>*</td>
<td>Foyer of the Main Congress Hall (Europa 2+3)</td>
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<tr>
<td>12.30</td>
<td><strong>WORLD ASTHMA AND COPD TRAINING SCHOOL</strong></td>
<td><strong>INNOVATIVE TECHNOLOGIES IN ASTHMA &amp; COPD MANAGEMENT (Main Congress Hall</strong> (Europa 2+3)</td>
<td>Sami Bahna, Revaz Sepiashvili</td>
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<tr>
<td>14.00</td>
<td><strong>CLOSING CEREMONY (Main Congress Hall (Europa 2+3)</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
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<tr>
<td>14.30</td>
<td><strong>Lunch Admission by tickets only</strong></td>
<td>Main Congress Hall (Europa 2+3)</td>
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Friday, April 20, 14.00 – 19.00

Renaissance Barcelona Fira Hotel, Lobby

REGISTRATION DESK OPEN

Saturday, April 21, 10.00 – 10.30

Renaissance Barcelona Fira Hotel, Main Congress Hall

OPENING CEREMONY

Revaz Sepiashvili  Congress President, Program Committee Co-Chairman
                 President, World Immunopathology Organization

Ignacio Ansotegui  President, World Allergy Organization (WAO)

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

Nikolai Khaltaev  World Health Organization (WHO)
WORLD ALLERGY WEEK 2018
Saturday, April 21, 10.00 – 11.00
Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)
KEYNOTE LECTURE (WHO–GARD)

Moderators: Ignacio Ansotegui
             Revaz Sepiashvili

Nikolai Khatlavaev  World Health Organization, Switzerland
GARD success stories

Saturday, April 21, 11.00 – 11.45
Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)
ALBERT OEHLING HONORARY LECTURE

Moderators: Nikolai Khatlavaev
             Revaz Sepiashvili

Sami Bahna  Allergy & Immunology Section, Louisiana State
            University Health Sciences Center, Shreveport, USA
Effect of modernization on allergy development

Saturday, April 21, 12.15 – 13.00
Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)
ALAIN DE WECK HONORARY LECTURE

Moderators: Sami Bahna
             Revaz Sepiashvili

Ignacio J. Ansotegui  Department of Allergy & Immunology,
                     Hospital Quirón Bizkaia, Erandio, Spain
Advanced allergy diagnosis, what is valid and what is not acceptable
Saturday, April 21, 13.00 – 13.45

*Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)*

**KEYNOTE LECTURE**

*Moderators:*  
- Victòria Cardona  
- Manana Chikhladze  
- Stelios Loukides

**Sami Bahna**  
*Allergy & Immunology Section, Louisiana State University Health Sciences Center, Shreveport, USA*  
Effect of modernization on asthma prevalence

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Saturday, April 21, 15.00 – 17.00

*Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)*

**PLENARY SESSION**

*Chairmen:*  
- Victòria Cardona  
- Roman Khanferyan  
- Carlos Nunes

**Victòria Cardona**  
*Department of Internal Medicine, University Hospital Vall d’Hebron, Barcelona, Spain*  
Molecular diagnosis in respiratory and food allergy

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

**Stelios Loukides**  
*University of Athens Medical School, Attiko University Hospital, 2nd Respiratory Medicine Dept, Athens, Greece*  
Biological treatments for severe asthma

**Roman Khanferyan**  
*Lab. of Immunology, Federal Research Center of Nutrition and Biotechnology, Moscow, Russia*  
New trends in the development of antihistamines: possible role of histamine H3/H4 receptors as a target for IgE synthesis regulation

**Carlos Nunes**  
*Center of Allergy of Algarve, Portimao, Portugal*  
Update treatment on non-allergic rhinitis
Saturday, April 21, 10.00 – 17.00

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

POSTER SESSION

Moderators: Roman Khanferyan
Nunu Mitskevich

Cheol Hong Kim¹, Kyoung Seob Song² ¹Department of Pediatrics, Sungkyunkwan University Samsung Changwon Hospital, Changwon, Korea; ²Department of Physiology, Kosin University College of Medicine, Busan, Korea
Airborne particulate matter increases MUC5AC expression by downregulating Claudin-1 expression in human airway cells

S.V. Guryanova, M.A. Shevchenko, A.M. Sapozhnikov  Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Moscow, Russia
New approaches for asthma modelling

M. Chikhladze, S. Gamkrelidze, D. Kachapuridze National Institute of Allergology, Asthma and Clinical Immunology, Georgian Academy of Sciences, Tskaltubo, Georgia
Effects of climatic changes and air pollution on bronchial asthma in West Georgia

T.R. Stroikova, O.A. Bashkina  Astrakhan State Medical University, Astrakhan, Russia
Analysis of associations of the control factor and clinical and genetic parameters in children with bronchial asthma

M. Maglaperidze, D. Khachapuridze, N. Adamia, M. Chikhladze, M. Matoshvili, D. Topuria, E. Khurtsidze, L. Saginadze  National Institute of Allergology, Asthma and Clinical Immunology, Georgian Academy of Sciences, Tskaltubo; Tbilisi State Medical University, Tbilisi, Georgia
Tobacco smoke exposure in children population with allergic rhinitis, bronchial asthma and atopic dermatitis

N. Doma¹, L. Andrieș², M. Bețiu² ¹Mother and Child Institute, ²State University Medicine and Pharmacy "Nicolae Testemitanu" Chișinău, Moldova
New aspects in the clinical-immunological approach of patients with atopic dermatitis

A.V. Karpova, L.V. Silina, E.A. Batkaev Peoples' Friendship University of Russia (RUDN University), Moscow; Kursk State Medical University, Kursk, Russia
Clinical and immunological evaluation of changes in the meaning of the indicator of IgE in patients with papules-pustular subtype of rosacea, complicated by demodectosis

P.S. Novikov¹, N.A. Cherevko¹, O.A. Muraveinik³, S.E. Kondakov², M.Yu. Rosenstein⁴, A.Z. Rosenstein⁴, B.R. Rezapov⁴ ¹Siberian State Medical University, Tomsk; ²M.V. Lomonosov Moscow State University, Moscow; ³MO Center for Family Medicine, Tomsk; ⁴ImmunoHealth – RUS, Moscow, Russia
The role of IL17 in the development of food hypersensitivity and metabolic disturbances

S.V. Salnikova¹², T.A. Slavyananskaya¹² ¹People's Friendship University of Russia; ²Institute of Immunophysiology; ³Clinical hospital #1 ADP RF, Moscow, Russia
Innovation technologies of urothelial cancer treatment

Innovation technologies of urothelial cancer treatment
Peoples' Friendship University of Russia (RUDN University), Moscow; Pacific National University, Khabarovsk, Russia

Immunogenetic risk criteria for cervical cancer

D. Zeynalli  
Oncological Clinic of the Azerbaijan Medical University, Baku, Azerbaijan

The incidence of malignant bone tumors in the Republic of Azerbaijan in 2017

A.V. Churov¹, A.V. Babalyk³, A.A. Romanov² ¹Institute of Biology, Division of Karelian Research Center of the Russian Academy of Sciences; ²Republican Cancer Dispensary, Petrozavodsk, Russia

CD39⁺FOXP3⁺ regulatory T-cells in colorectal cancer

A.Q. Orujova, N.N. Aliyev, L.I. Rustamova  
Azerbaijan Medical University, Department of Infectious Diseases, Baku, Azerbaijan

The study of antiviral activity of A. issaevii wormwood species to some respiratory viruses

I.V. Nesterova¹, T.D.L. Nguyen¹, E.O Khalturina² ¹The Peoples' Friendship University of Russia; ²I.M. Sechenov First Moscow State Medical University, Moscow, Russia

Phenotypic changes of IFNαβR1⁺CD119⁺CD284⁺ neutrophilic granulocytes in chronic herpes-viral infections and their positive transformation by recombinant IFNα2 in the “system in vitro”

P.S. Novikov¹, N.A. Cherevko¹, O.A. Muraveinik³, S.E. Kondakov², M.Yu. Rosenstein³, A.Z. Rosenstein⁴, B.R. Rezapov⁴ ¹Siberian State Medical University, Tomsk; ²M.V. Lomonosov Moscow State University, Moscow; ³MO Center for Family Medicine, Tomsk; ⁴ImmunoHealth – RUS, Moscow, Russia

The role of IL17 in the development of food hypersensitivity and metabolic disturbances

R.E. Babaeva, I.I. Markov  
Azerbaijan State Medical University, Baku, Azerbaijan; Medical University "Reaviz", Samara, Russia

Synthicial connections of neurocititis in vegetative ganglia of the intestine
Sunday, April 22, 10.00 – 10.45

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

WAO PRESIDENTIAL LECTURE

Moderators: Sami Bahna
Manana Chikladze
Revaz Sepiashvili

Ignacio J. Ansotegui  Department of Allergy & Immunology, Hospital Quirón Bizkaia, Erandio, Spain
The allergy epidemics

Sunday, April 22, 10.45 – 11.30

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

LEONARD NOON and JOHN FREEMAN HONORARY LECTURE

Moderators: Ignacio Ansotegui
Kamal Maurice Hanna

Víctoria Cardona  Department of Internal Medicine, University Hospital Vall d’Hebron, Barcelona, Spain
Immunotherapy in allergic asthma: where do we stand?
Sunday, April 22, 11.30 – 12.00

**Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)**

**KEYNOTE LECTURE**

**Moderators:** Roman Khanferyan
Carlos Nunes

**Gennaro D’Amato**  
School of Specialization in Respiratory Diseases, Naples Federico II University, Italy; Division of Respiratory and Allergic Diseases, Department of Chest Diseases High Specialty, A. Cardarelli Hospital, Napoli, Italy

News on climate change, air pollution and respiratory allergy

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Sunday, April 22, 12.30 – 14.30

**Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)**

**PLENARY SESSION**

**Chairmen:** Gennaro D’Amato
Stelios Loukides

**Gennaro D’Amato**  
School of Specialization in Respiratory Diseases, Naples Federico II University, Italy; Division of Respiratory and Allergic Diseases, Department of Chest Diseases High Specialty, A. Cardarelli Hospital, Napoli, Italy

How do thunderstorms affect asthma?

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

What's new in allergy, asthma and COPD?

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

COPD and cardiovascular diseases

**Carlos Nunes**  
Center of Allergy of Algarve, Portimao, Portugal

Human exposure to fungi and its relevance to health
Sunday, April 22, 15.30 – 16.00

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

KEYNOTE LECTURE

Moderators: Ignacio Ansotegui
Revaz Sepiashvili

Nikolai Khaaltaev  World Health Organization, Switzerland
Social determinants of health and noncommunicable diseases

Sunday, April 22, 16.00 – 17.45

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

PLENARY SESSION

Chairmen: Sergey Deyev
Kamal Maurice Hanna
Bülent Tutluoğlu

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

Kamal Maurice Hanna  Faculty of Medicine, Cairo University, Cairo, Egypt
COPD: Present and future

Bülent Tutluoğlu  Dept of Pulmonology and Allergy, Istanbul University, Turkey
COPD and comorbidities

Roman Khanferyan  Lab. of Immunology, Federal Research Center of Nutrition and Biotechnology, Moscow, Russia
Cytokine/chemokine and growth factors of dendritic and mononuclear cells and IgE response

Sergey M. Deyev  Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Moscow, Russia
Smart immunotherapeutic principles

Sunday, April 22, 10.00 – 17.00

Renaissance Barcelona Fira Hotel, Main Congress Hall (Europa 2+3)

POSTER SESSION

Moderators: Luchia Andrieş
Manana Chikhladze

R.H. Begaydarova, G.K. Alshinbekova, K.G. Devdariani, A.E. Dyusembaeva, O.A. Zolotoreva,
V.R. Atakishiyeva  Karaganda State Medical University, Karaganda. Kazakhstan
Saccharomyces boulardii in the treatment of intestinal infections in children
G.A. Chudilova¹, S.V. Kovaleva¹, L.V. Lomtididze¹, T.V. Rusinova¹, I.V. Nesterova²
¹Kuban State Medical University, Krasnodar; ²Peoples’ Friendship University of Russia (RUDN University), Moscow, Russia
Experimental remodeling in vitro of transformed cd16⁺cd32⁺cd11b⁺ phenotype subset of neutrophilic granulocytes in patients with atypical chronic bacterial infection

N.A. Sivakova, L.V. Lipatova
Saint-Petersburg V.M. Bekhterev Psychoneurological Research Institute, St. Petersburg, Russia
The change in the expression of the neurotrophic brain factor (BDNF) in patients with epilepsy and depression with immunomodulation

V.I. Sokolova, D.A. Sychev, E.I. Vasil’eva, M.B. Babarina, T.S. Khlobystova
Russian Medical Academy for Continuing Medical Education, Moscow, Russia; Scientific Clinical Center of Russian Railways, Moscow, Russia
Diabetic foot. Clinical and microbiological aspects, treatment strategy

S.A. Alieva
Azerbaijan Medical University, Baku, Azerbaijan
Comparative characteristics of the size of the “side fan” in an adult

Sh.F. Ganbaeva, E.A. Khydyrov
Azerbaijan Medical University, Baku, Azerbaijan
Osteometric characteristics of normal and narrowal forms female patients in the age group 16–21 year

V.I. Bondarchuk
Russian Medical Academy of Continuing Professional Education, Moscow, Russia
Electropunctural diagnostics and electropunctural therapy in rehabilitation of patients with migraine

E.N. Zharova, V.A. Almazov
Scientific Medical Research Center, St. Petersburg, Russia
Possibilities of methods of physiotherapy for brain injury in acute period

N.S. Zaitseva, L.P. Siziakina, D.S. Lubimov
Rostov State Medical University, Rostov-on-Don, Russia
Adaptive restructuring of the immune response in military personnel under professional stress

Russian University of Friendship of Peoples (RUDN University), Moscow; Research Institute of Computer Technologies and Telecommunications, Pacific State University, Khabarovsk, Russia
Assessment of personal risks in children

G. Kausova¹, R. Issayeva², K. Pushkarev³
¹Kazakhstan’s Medical University “KSPH”; ²Kazakh Medical University of Continuing Education, Almaty, Kazakhstan
Availability of Torch-infection in newborn with the hemorrhagic stroke

O.V. Sergeeva¹², A.A. Rushanian¹³, T.V. Kosenova¹³
¹Department of Social Protection of the Voronezh Region; ²Main Bureau of Medical and Social Expertise in the Voronezh Region, Voronezh, Russia
Analysis of the level of disability of children and adolescents due to pathology of the musculoskeletal system and connective tissue in the Voronezh region, ways and solutions

N.A. Ryabchikova, Ur.E. Moskalenko
Lomonosov Moscow State University, Moscow, Russia
Correlation between human cognitive function and circulation processes

V.P. Mudrov¹, V.N. Nelyubin², E.S. Vorobieva³, E.Y. Lisyuk⁴, S.Y. Ivanov⁵
¹Laboratory Department, 9th Medical-Diagnostic Center; ²A.I. Evdokimov Moscow State University of Medicine & Dentistry, ³GF Group Ltd.; ⁴Institute of Gene Biology; ⁵Sechenov State Medical University, Moscow, Russia
Application of immunotrophic therapy for periodontitis
Monday, April 23, 10.00 – 12.00

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**PLENARY SESSION**

*Chairmen:*
- Sergey Deyev
- Roman Khanferyan
- Nunu Mitskevich

**Sergey M. Deyev**  *Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Moscow, Russia*

- Immunotargeting of detect and therapeutic agents

**Roman Khanferyan**  *Lab. of Immunology, Federal Research Center of Nutrition and Biotechnology, Moscow, Russia*

- Nutrients as immunomodulatory factors in asthmatic patients with metabolic disorders

**Nunu Mitskevich**  *Division of Immunology and Microbiology, Faculty of Exact and Natural Sciences Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

- Role of dendritic cells in the regulation of anti tumor immunity

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