Final Programme
SERIN 2013
21 - 23 March 2013
Leuven, Belgium
Symposium on Experimental Rhinology and Immunology of the Nose

www.eaaci-serin.org

PAAM 2013
17 - 19 October 2013
Athens, Greece
Pediatric Allergy and Asthma Meeting
Abstract Submission
Deadline: 30 April 2013

www.eaaci-paam.org

ISMA 2013
5 – 7 December 2013
Vienna, Austria
International Symposium on Molecular Allergology
Save the date!

www.eaaci-isma.org
Welcome to FAAM 2013

Dear friends and colleagues,

Whether you are a longstanding member of EAACI, a new member or first-time visitor to one of our meetings, we warmly welcome you to the 2nd EAACI Food Allergy and Anaphylaxis Meeting (FAAM 2013) here in the wonderful city of Nice!

Just as for the previous meeting in Venice, we have prepared a great conference for you. As you will see in this programme, the event is packed with exciting opportunities to learn about recent scientific developments with the participation of internationally renowned top scientists who will be delivering their latest findings in the field of food allergy and anaphylaxis.

The FAAM 2013 programme starts with a hot topic on the first day: oral immunotherapy (OIT) for food allergy. Over the following days, the meeting continues by looking at important aspects of food allergy and anaphylaxis. For the first time, there is a workshop developed for allied health professionals - specifically dietitians. FAAM 2013 is a unique opportunity to learn and share knowledge and experience in this fast evolving field. In total, the programme comprises three plenary symposia, eight symposia, two workshops and three oral abstract and poster sessions.

We are convinced that all these sessions will maximise opportunities to interact with the scientific community and to present your data. Enjoy all the varied aspects of the meeting, from state-of-the-art reviews to cutting edge science, as well as practical sessions and clinical updates. More than 200 abstracts have been submitted, giving you the opportunity to learn about all the latest scientific and clinical discoveries and insights in our field. We welcome and look forward to exciting discussions about the presentations.

We thank you all for committing yourself to participation and involvement in this Meeting. Your engagement will make it an occasion to remember. We would like to thank the speakers and poster presenters for sharing their expertise with us. The exhibitors and sponsors who through their support have helped to make the meeting possible also deserve our gratitude.

We wish you a productive and enjoyable meeting.

Karin Hoffmann-Sommergruber
Austria, FAAM 2013 Chair and EAACI Food Allergy Interest Group Chairperson

Antonella Muraro
Italy, FAAM 2013 Co-Chair, EAACI Treasurer and Food Allergy and Anaphylaxis Campaign Chair

Berber Vlieg-Boerstra
The Netherlands, FAAM 2013 Co-Chair and EAACI Allied Health Interest Group Chairperson
Welcome to FAAM 2013 | page 3
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Map of Nice with the hotels | page 48

Organising Committee

Karin Hoffman-Sommergruber, Austria, Chair
Antonella Muraro, Italy, Co-Chair
Berber Vlieg-Boerstra, The Netherlands, Co-Chair
Carsten Bindslev-Jensen, Denmark
Anthony Dubois, The Netherlands
Philippe Eigenmann, Switzerland
Susanne Halken, Denmark
Giovanni Pajno, Italy
Lars K. Poulsen, Denmark
Graham Roberts, United Kingdom
Ronald van Ree, The Netherlands
Valerie Verhasselt, France
Thomas Werfel, Germany

EAACI President
Cezmi Akdis

EAACI Vice-President Congresses
J. Christian Virchow

Important Addresses

FAAM 2013 Secretariat
24, rue Chauchat
75009 Paris-France
Tel: +33 (0)1 70 39 35 54
Fax: +33 (0)1 53 85 82 83
infoFAAM2013@mci-group.com

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Genferstrasse 21
8002 Zurich, Switzerland
Tel: +41 44 205 55 33
Fax: +41 44 205 55 39
info@eaaci.org
Clinical and Translational Allergy
A free open access online journal

- Provides a new platform to publish original research and reviews
- Fast publication upon acceptance
- Promotion and press coverage of published articles

NOW ALSO ON PubMed!

www.ctajournal.com
Abstracts
You can find all the abstract titles and authors listed in this Final Programme and texts are published on the website available to all participants. Abstract texts will also be published in the Clinical Translational Allergy (CTA), one of the EAACI official journals.

Accreditation (CME Credits)
The Food Allergy and Anaphylaxis Meeting (FAAM) 2013 is accredited by EBAACI (European Board of Accreditation in Allergy and Clinical Immunology), a joint committee of EAACI CME Accreditation Committee, European Union of Medical Specialists (UEMS) Allergology Section and Board and the European Accreditation Council for Continuing Medical Education (EACCME) to provide 17 CME credits for medical specialists.

The EACCME is an institution of the European Union of Medical Specialists (UEM) www.uems.net. EACCME credits are recognised in Europe and by the American Medical Association towards the Physician’s Recognition Award (PRA). In order to convert EACCME credit to AMA PRA category 1 credit, please contact the AMA office for more information.

Bar codes on the badges will be used to record the CME credits. In order to obtain the CME credits for participation in the Meeting, you are kindly requested to have your badge scanned at the entrance of the congress. Please note that you must have your badge scanned each day to receive the maximum amount of credits.

Bank, Cash Machine and Post Office
The nearest bank is BNP Paribas, 10 Rue Barla 06000 Nice Tel: +33 (0)8 20 82 00 01. The bank is located 5 minutes walking distance from Nice Acropolis. Banks are open Monday to Friday, from 08:45 to 12:00 and from 13:30 to 17:30. BNP Paribas BARLA is closed on Saturday.

You can find an ATM at BNP Paribas BARLA, see above. All ATMs accept all bank cards.

A post office is located 500 metres from Nice Acropolis. Open Monday to Friday, from 08:30 to 19:00 and Saturday from 08:30 to 13:00.

Certificate of Attendance
Participating delegates will receive a Certificate of Attendance with the delegate badge.

Cloakroom
A cloakroom service is available during Meeting hours and is located on the ground floor.

Currency
The local currency is Euro (€).

Disclaimer
The Organisers cannot accept liability for injuries or losses of whatever nature incurred by participants and/or accompanying persons, nor for loss of or damage to their luggage and/or personal belongings.

EAACI Booth
We invite you to visit the EAACI Booth in the exhibition area. If you have any questions regarding EAACI membership or if you want to settle your membership fee, the staff from EAACI Headquarters will be happy to help you. Samples of EAACI publications will be displayed for your perusal as well as information about future EAACI events. We hope to see you at the EAACI Booth.

EAACI Booth Opening Hours
Thursday, 7 February 2013 08:30 – 19:00
Friday, 8 February 2013 08:30 – 18:00
Saturday, 9 February 2013 08:30 – 14:30

EAACI Membership
EAACI membership gives its members priority status at EAACI Congresses and Meeting. Members over 35 years of age receive a discount on the registration fee and Junior members are entitled to register at the low student fee. The Academy also offers free Junior membership to individuals under 35 years of age (with online access to the Journals Allergy and Pediatric Allergy and Immunology). Members from countries with a GNP of less than USD 10,000 per capita receive 50% reduction on membership fees. As an EAACI member you will be kept informed on the lastest research and developments through our official journals Allergy, Pediatric Allergy and Immunology (PAI) and Clinical and Translational Allergy (CTA). For more information and to apply for membership please visit our website www.eaaci.org.

Electricity
The voltage in France is 220 volts. Round European style two-pin plugs are used.

Exhibition
FAAM 2013 includes a commercial exhibition. See page 46 for the exhibition floor plan and exhibitor details.

Food and Beverage
Coffee breaks are included in the registration fee and will be served daily in the exhibition area. There is a cash bar located in the Exhibition Area.
Internet
Wifi access is available for all delegates on level 2 of the Nice Acropolis.
Access codes:
Wifi network: faam2013
Login: faam2013
Password: faam2013

Language
The official language of FAAM 2013 is English.

Local Time
Nice is on Central European Time (CET).

Lost and Found
Please contact the Registration Desk in case of personal belongings being lost or found.

Media/Press
Registered journalists have access to all scientific sessions. Please contact us to arrange interviews with clinicians and researchers who are presenting their work at FAAM 2013.

Contact details:
Macarena Guillamón - Communications Manager
EAACI Headquarters
Genferstrasse 21
8002 Zurich
Switzerland
Direct Tel: + 41 44 205 55 32

Mobile Phone Policy
Please respect the Meeting policy and switch off mobile phones in all meeting rooms and in the exhibition and poster areas.

Name Badges
Your personal badge is your entrance ticket to all sessions, to the exhibition area and to social events. Please remember to always wear your badge in the Nice Acropolis.

Photography
Kindly respect that taking photographs in the session rooms is strictly forbidden.

Poster Exhibition Info
Thematic posters will be displayed in the Poster Exhibition area. Posters can be mounted on Thursday, 7 February from 07:30 to 08:30 and dismantled on Saturday, 9 February from 16:00 to 17:00.
Poster Session 1 is planned on Thursday between 12:30 and 13:30.
Poster Session 2 is planned on Friday between 18:20 and 19:50.
Poster Session 3 is planned on Saturday between 12:30 and 14:30.
All poster presenters are also asked to be present at their posters during all coffee breaks.

Professional Congress Organiser
MCI is the official organiser of FAAM 2013. MCI provides services tailored to the clients’ needs when organising meetings, events, conferences, association management, travel and accommodation. Since 1987, MCI has created corporate events, meetings and incentives; association and governmental conventions, congresses, exhibitions; and managed and provided consulting to associations. MCI’s mission is to help companies, governments and associations bring people together to create meaningful connections and win. Let’s meet, visit www.mci-group.com

Registration Desk
Opening hours
Thursday, 7 February 2013 07:30 – 19:00
Friday, 8 February 2013 08:00 – 20:00
Saturday, 9 February 2013 08:00 – 16:30
Registration Fee for Delegates includes:
- Badge with access to all conferences and exhibition (A name badge will be provided with your registration documents on site. For security and regulation purposes, wearing - this badge is compulsory at all times inside Nice Acropolis)
- Congress Material
- Coffee breaks
- Opening Reception

Safety
Do not wear your badge outside the Venue, and do not give it to anybody even if you are leaving the Meeting. If you carry a laptop, always keep an eye on it. In the event of theft please contact the Registration Desk.

Smoking Policy
In accordance with the policy of EAACI, this is a non-smoking event.

Opening Reception
Thursday, 7 February, 17:30 – 19:00
Included in the registration fee
The Opening Reception is in the Exhibition Area.
Speakers’ Preview Room
The Speakers’ Preview room is in the Foyer Bar Hermès. Please follow the signs.

Speakers’ Preview Room Opening Hours
Thursday, 7 February 2013 07:30 – 18:00
Friday, 8 February 2013 08:00 – 18:00
Saturday, 9 February 2013 08:00 – 14:30

Telephone
The international access code for France is +33. Please note that the 0 in the area code should not be deleted. The outgoing code is 00 followed by the relevant country code (e.g. 0044 for the United Kingdom). Local emergency telephone numbers are:
15 Ambulance
17 Police
18 Fire Department

Public Transportation
The public transportation system in Nice is called Lignes d’Azur (www.lignesdazur.com).

Tourist Information
The Registration Desk will be glad to answer any questions. Tourism Information Office: www.nicetourisme.com.

Website
www.eaaci-faam.org

Venue
FAAM 2013 is held at Nice Acropolis
1 esplanade Kennedy, 06000 Nice, France
Tel: +33 (0)4 93 92 83 00
www.nice-acropolis.com
Thursday, 7 February 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00 - 10:30</td>
<td>Plenary 1: Oral immunotherapy (OIT) for food allergy: where are we now?</td>
<td>Room: Athéna</td>
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<tr>
<td>10:30 - 10:45</td>
<td>Tea &amp; Coffee</td>
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<td><em>Kindly sponsored by ALK</em></td>
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<tr>
<td>10:45 - 12:30</td>
<td>Symposium 1: Oral immunotherapy (OIT) in practice</td>
<td>Room: Athéna</td>
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<tr>
<td>12:30 - 13:30</td>
<td>Lunch and Poster Viewing</td>
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<tr>
<td>13:30 - 14:15</td>
<td>Round table lunch time discussion: Current State of protocols</td>
<td>Room: Risso 6</td>
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<tr>
<td>14:15 - 15:45</td>
<td>Symposium 2: Can we optimise our use of OIT?</td>
<td>Room: Athéna</td>
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<td>15:45 - 16:00</td>
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<td><em>Kindly sponsored by ALK</em></td>
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<tr>
<td>16:00 - 17:30</td>
<td>Symposium 3: OIT: future perspectives</td>
<td>Room: Athéna</td>
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<tr>
<td>17:30 - 19:00</td>
<td>Opening Reception</td>
<td>Exhibition Floor</td>
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## Programme at a Glance

### Friday, 8 February 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00 - 10:30</td>
<td>Plenary 2: Genetic, epigenetic and other early life influences on the development of food allergy</td>
<td>Room: Athéna</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Tea &amp; Coffee: Kindly sponsored by ALK</td>
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<tr>
<td>11:00 - 12:30</td>
<td>Symposium 4: Microbiome and food allergy</td>
<td>Room: Athéna</td>
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<tr>
<td>12:00 - 12:30</td>
<td>Workshop 1: Improving the diagnosis of food allergy</td>
<td>Room: Risso 6</td>
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<tr>
<td>12:30 - 14:30</td>
<td>Lunch</td>
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<tr>
<td>12:45 - 14:15</td>
<td>Satellite Lunch Symposium: MEDA - Where do we stand with Adrenaline Auto-Injectors? Lunch served</td>
<td>Room: Risso 6</td>
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<tr>
<td>14:30 - 16:20</td>
<td>Symposium 5: Immunological mechanisms underlying food allergy</td>
<td>Room: Athéna</td>
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<tr>
<td>14:40 - 16:10</td>
<td>Oral Abstract Session 1: Food Allergy and Anaphylaxis</td>
<td>Room: Risso 6</td>
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<tr>
<td>16:20 - 16:40</td>
<td>Tea &amp; Coffee: Kindly sponsored by ALK</td>
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<tr>
<td>16:40 - 18:10</td>
<td>Symposium 6: Threshold levels and effective avoidance of food allergens</td>
<td>Room: Athéna</td>
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<tr>
<td>16:50 - 18:20</td>
<td>Oral Abstract Session 2: Molecular mechanisms</td>
<td>Room: Risso 6</td>
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<tr>
<td>18:20 - 19:50</td>
<td>Poster Session</td>
<td>Room: Rhodes</td>
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## Programme at a Glance

### Saturday, 9 February 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 - 10:30</td>
<td>Plenary 3: Anaphylaxis</td>
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<td>Room: Athéna</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Tea &amp; Coffee <strong>Kindly sponsored by ALK</strong></td>
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<tr>
<td>11:00 - 12:30</td>
<td>Symposium 7: Managing anaphylaxis</td>
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<td>Workshop 3: Impact of food production on food allergy</td>
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<td>Room: Athéna</td>
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<td>Room: Risso 6</td>
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<tr>
<td>12:30 - 14:30</td>
<td>Lunch and Poster Viewing</td>
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<td>Pro-Con Session: Patients with food allergies should avoid all food</td>
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<td>Room: Athéna</td>
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<tr>
<td>14:30 - 16:00</td>
<td>Symposium 8: Effective management of food allergy</td>
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<td>Oral Abstract Session 3: Diagnosis and Treatment</td>
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<td>Room: Athéna</td>
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<td>Room: Risso 6</td>
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<tr>
<td>16:00 - 16:15</td>
<td>Farewell Address &amp; Award Ceremony</td>
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<td>Room: Athéna</td>
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## Scientific Programme

### Thursday, 7 February 2013

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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>9:00 - 10:30</td>
<td><strong>Plenary 1: Oral immunotherapy (OIT) for food allergy: where are we now?</strong></td>
<td>Room Athéna</td>
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<td><strong>Chairs:</strong> Giovanni Pajno, Italy and Cezmi Akdis, Switzerland</td>
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<td></td>
<td>Tolerance immunological mechanisms: oral and systemic</td>
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<td></td>
<td><strong>Cezmi Akdis, Switzerland</strong></td>
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<td></td>
<td>What role do the oral and GI mucosas play in OIT?</td>
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<td></td>
<td><strong>Cecilia Berin, United States</strong></td>
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<td>OIT: desensitisation or tolerance?</td>
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<td><strong>Kari Nadeau, United States</strong></td>
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<tr>
<td>10:30 - 10:45</td>
<td><strong>Tea &amp; Coffee</strong></td>
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<tr>
<td>10:45 - 12:30</td>
<td><strong>Symposium 1: Oral immunotherapy (OIT) in practice</strong></td>
<td>Exhibition Floor</td>
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<td><strong>Chairs:</strong> Antonella Muraro, Italy and Martine Morisset, France</td>
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<td></td>
<td>Introduction: The history of OIT</td>
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<td><strong>Bodo Niggemann, Germany</strong></td>
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<td>OIT: native or modified allergen?</td>
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<td><strong>Anna Nowak Wegrzyn, United States</strong></td>
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<td>Which is the optimal dosage protocol: efficacy versus safety?</td>
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<td><strong>Kirsten Beyer, Germany</strong></td>
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<td>When should we stop OIT? And when should it be restarted?</td>
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<td><strong>Giovanni Pajno, Italy</strong></td>
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<tr>
<td>12:30 - 13:30</td>
<td><strong>Lunch and Poster Viewing (see page 21)</strong></td>
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<tr>
<td>13:30 - 14:15</td>
<td><strong>Round Table Lunch Time Discussion: Current State of protocols</strong></td>
<td>Room Risso 6</td>
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<td><strong>Chairs:</strong> Bodo Niggemann, Germany and Robert Wood, United States</td>
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<td>Current protocol for peanut OIT</td>
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<td><strong>Andrew Clark, United Kingdom and Andrew Bird, United States</strong></td>
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<td>Current protocol for cow's milk OIT</td>
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<td><strong>Antonella Muraro, Italy and Ytzhak Katz, Israel</strong></td>
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<td>Current protocol for egg OIT</td>
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<td><strong>Anna Nowak, United States</strong></td>
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<tr>
<td>14:15 - 15:45</td>
<td><strong>Symposium 2: Can we optimise our use of OIT?</strong></td>
<td>Room Athéna</td>
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<td><strong>Chair:</strong> Kirsten Beyer, Germany</td>
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<td>Which factors impact on the success of OIT?</td>
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<td><strong>Katharina Blumchen, Germany</strong></td>
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<td>Are SLIT or epicutaneous immunotherapy alternatives for the oral route?</td>
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<td><strong>Robert Wood, United States</strong></td>
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<td></td>
<td>Can OIT be used to prevent food allergy?</td>
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<td></td>
<td><strong>Gideon Lack, United Kingdom</strong></td>
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</table>
15:45 - 16:00  Tea & Coffee  
Exhibition Floor

16:00 - 17:30  Symposium 3: OIT: future perspectives  
Room Athéna

Chair: Andrew Clark, United Kingdom

Is there a role for anti-IgE?
Hugh Sampson, United States

Immunotherapy with recombinant food hypoallergens: vaccine development
Ronald van Ree, The Netherlands

Clinical Trials and Patients Perspectives
Mary Jane Marchisotto, United States

17:30 - 19:00  Opening Reception  
Exhibition Floor

Friday, 8 February 2013

9:00 - 10:30  Plenary 2: Genetic, epigenetic and other early life influences on the development of food allergy  
Room Athéna

Chairs: Karin Hoffmann-Sommergruber, Austria and Nikos Papadopoulos, Greece

Epigenetics and prenatal influences on the onset of allergic diseases
Harald Renz, Germany

Influence of breastfeeding on neonatal tolerance
Valerie Verhasselt, France

Does microbial exposure influence the development of food allergy?
Liam O’Mahony, Switzerland

10:30 - 11:00  Tea & coffee  
Exhibition Floor

11:00 - 12:30  Symposium 4: Microbiome and food allergy  
Room Athéna

Chairs: Harald Renz, Germany and Mübeccel Akdis, Switzerland

What can we learn from animal models?
Philippe Eigenmann, Switzerland

Galectin-9: a suppressor of allergic symptoms?
Linette Willemsen, The Netherlands

Use of pre- and pro-biotics in the prevention of food allergy
Hana Szajewska, Poland
11:00 - 12:30  Workshop 1: Improving the diagnosis of food allergy  Room Risso 6

Chairs: Sami Bahna, United States and André Knust, The Netherlands

Standardisation of the allergy focused diet history
Berber Vlieg, The Netherlands

Quality requirements of purified allergens for CRD
Stefan Vieths, Germany

CRD diagnosis of food allergy: current and future approach
Barbara K. Ballmer-Weber, Switzerland

12:30 - 14:30  Lunch

12:30 - 14:30  Pro and Con Session  Room Athéna

Component resolved diagnosis: improved management of the food allergic patient?
Clare Mills, United Kingdom and Bodo Niggemann, Germany

Double-blind, placebo-controlled food challenges better than open challenges
George Du Toit and Isabel Skypala, United Kingdom

12:45 - 14:15  Satellite Lunch Symposium - MEDA  Room Risso 6

Where do we stand with Adrenaline Auto-Injectors?
Chair: Nikos Papadopoulos, Greece - Introduction

The Anaphylaxis Paradox
Phil Lieberman, United States

Comparison of Adrenaline Auto-Injectors: A Review of Scientific Data
Ted Song, United States

Shift in Adrenaline Auto-Injector Prescribing Patterns? Barriers and Future Solutions
Margitta Worm, Germany

Discussion and Wrap-up
All

Lunch served during Symposium

14:30 - 16:20  Symposium 5: Immunological mechanisms underlying food allergy  Room Athéna

Chairs: Susanne Halken, Denmark and Philippe Eigenmann, Switzerland

Allergokinetics
Lars Poulsen, Denmark

B regulatory cells and immune tolerance to allergens
Mübeccel Akdis, Switzerland

The role of Treg cells in food allergy
Oscar Palomares, Spain

Basophils and their role in (Food) Allergy
Edward Knol, The Netherlands
14:40  OAS1-01  Emergency treatment of food anaphylaxis: a report of 152 cases registered by the Allergy Vigilance Network
Anne Moneret-Vautrin 1,*

1Nancy University, Vandoeuvre les Nancy, France

14:50  OAS1-02  Drug anaphylaxis in children – data of the German-speaking anaphylaxis registry
Sunhild Gernert 1,* Margitta Worm 2, Hagen Ott 3, Stephanie Hompes 2, Lars Lange 1

1Department of Pediatrics, St. Marien-Hospital Bonn, Bonn, 2Department of Dermatology and Allergy, Charité – Universitätsmedizin Berlin, Berlin, 3Department of Pediatric Dermatology, Catholic Children’s Hospital Wilhelmstift Hamburg, Hamburg, Germany

15:00  OAS1-03  Food Allergens in Mattress Dust in Norwegian Homes: a Significant Source of Allergen Exposure?
Randi J. Bertelsen 1, Christiane Kruse Faeste 2, Berit Granum 1, Eliann Egaas 2, Stephanie J. London 3, Kai-Hakon Carlser 4, Karin Lødrup Carlsen 4, Martinus Lovik 5,*

1Dept. Food, Water and Cosmetics, NIPH, 2Dept. Chemistry and Toxicology, Norwegian Veterinary Institute, Oslo, Norway, 3National Institute of Environmental Health Sciences, National Institutes of Health, Dept. of Health and Human Services, Research Triangle Park, NC, United States, 4Dept. Pediatrics, Oslo University Hospital, 5Dept. Food, Water and Cosmetics, Norwegian Institute of Public Health, Oslo, Norway

15:10  OAS1-04  Comparison of the sensitization profile between children and adults allergic to multiple plant-foods
Mariona Pascal 1,* Joan Bartra 2, Rosa Jiménez-Feijoo 3, Jordi Milà 1, Lucia Millan 1, Maria Mar Folqué 3, Jaume Sánchez-López 2, Antonio Valero 4, Manel Juan 1, Ramon Vilella 1, Ana Maria Plaza 3, Jordi Yagüe 1

1Immunology, Hospital Clinic, 2Unitat Al.lèrgia, Servei de Pneumologia, ICT, Hospital Clinic de Barcelona, Barcelona, 3Immunol. àlèrgia, Hospital Sant Joan de Déu, Esplugues de Llobregat, 4Unitat Al.lèrgia, Servei de Pneumologia, ICT, Hospital Clinic, Barcelona, Spain

15:20  OAS1-05  B cell Activating Factor (BAFF) and Platelet Activating Factor (PAF) could both be markers of non-IgE-mediated reactions
Gabriele Piuri 1,* Jacopo Soriano 2, Michela Carola Speciani 1, Attilio Francesco Speciani 3

1SMA srl, Milano, Italy, 2Department of Statistical Science, Duke University, Durham, NC, United States, 3Food allergy department, GEK srl, Milano, Italy

15:30  OAS1-06  Serum sIgG4, but not sIgA, is involved in induced and natural tolerance to egg allergens
Marta Vazquez-Ortiz 1,* Mariona Pascal 2, Laia Alsina 1, Monica Piquer 3, Jaime Lozano 1, M. Anunciacion Martin-Mateos 1, Ana M. Plaza 3

1Paediatric Allergy and Clinical Immunology Section, Hospital Sant Joan de Deu, 2Immunology Department, Hospital Clinic, 3Paediatric Allergy and Clinical Immunology, Hospital Sant Joan de Deu, Barcelona, Spain

*Presenting Author
15:40 OAS1-07 Benefits of using heated egg (HE) in the management of egg allergy
Angela Claver 1,*, Elena Botej 1, Begoña Navarro 1, Depreux Nathalie 1, Anna Cistero-Bahima 1
1ALLERGY, Instituto Universitario Dexeus. Uab, Barcelona, Spain

15:50 OAS1-08 Treatment of life-threatening food allergy
Caroline Nilsson 1,2,*, Anna Nopp 3, Magnus Wickman 1,4, Gunnar Johansson 3, Gunnar Lilja 1,2
1Allergy department, Sachs’ Children’s Hospital, 2Dept of Clinical Science and Education, Södersjukhuset, 3Dept of Medicine, Clinical Immunology and Allergy, 4Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden

16:00 OAS1-09 Why allergen detection by ELISA is insufficient to protect allergic consumers
Bert Popping 1,*
1Scientific Development, Eurofins, Hamburg, Germany

16:10 OAS1-10 Exotic food allergy: a case of anaphylaxis to litchi in a 13-year-old boy
Enza D’auria 1,*, Francesco di Dio 1, Patrizia Restani 2, Francesca Uberti 2, Elena Penas 2, Samuele Palazzo 1, Piercarlo Poli 1, Enrica Riva 1
1Department of Pediatrics, San Paolo Hospital, 2Department of Pharmacology, University of Milan, Milan, Italy

14:30 - 16:20 Workshop 2: Food Allergy and the Patient’s perspectives
Room Risso 7
Chairs: Anthony Dubois, The Netherlands, Ashok Gupta, India
Allergies to die from or allergies to live with

16:20 - 16:40 Tea & Coffee
Exhibition Floor

16:40 - 18:10 Symposium 6: Threshold levels and effective avoidance of food allergens
Room Athéna
Chairs: Silvia Valtuena Martinez, Italy and Josephine Wills, Belgium
Deriving allergen threshold levels in food allergy
Geert Houben, The Netherlands
Controlling and communicating allergen levels in food products
Rene Crevel, United Kingdom
Communication of risks associated with food products
Chun Han, United Kingdom
Threshold Levels: A Consumer’s perspective
Maria Said, Australia

16:40 - 18:10 Oral Abstract Session 2: Molecular mechanisms
Room Risso 6
16:40
Introductory lecture: What do we need to know about allergenic protein families?
Karin Hoffmann-Sommergruber, Austria

16:50 OAS2-11 Mutational analysis of immunodominant epitopes of caprine ß-casein recognized by IgE antibodies from patients allergic to goat’s milk and tolerant to cow’s milk
Stephane Hazebrouck 1,*, Sandrine Ah-Leung 1, Etienne Bidat 2, Evelyne Paty 3, Marie-Francoise Drumare 1, Sylvain Tilleul 1, Karine Adel-Patient 1, Jean-Michel Wal 1, Hervé Bernard 1
1Laboratoire d’Immuno-Allergie Alimentaire, INRA, Gif-sur-Yvette, 2Service de Pédiatrie, AP-HP, Hôpital Ambroise Paré, Boulogne-Billancourt, 3Université Paris Descartes, AP-HP, Hôpital Necker Enfants Malades, Paris, France

*Presenting Author
17:00  OAS2-12  Molecule-based diagnosis of Apium graveolens allergy: Is there a need to increase the current allergen panel?
Gabriele Gadermaier 1,*, Eva Vejvar 1, Peter Briza 1, Karin Hoffmann-Sommergruber 2, Wolfgang Hemmer 2, Fatima Ferreira 1
1Christian Doppler Laboratory for Allergy Diagnosis and Therapy, University of Salzburg, Salzburg, 2Department of Pathophysiology and Allergy Research, Medical University of Vienna, 3FAZ-Floridsdorf Allergy Center, Vienna, Austria

17:10  OAS2-13  Role of carbohydrate moiety in immunoreactivity of Ovomucoid
Sara Benedé 1, Iván López Expósito 1, Elena Molina 1, Rosina López-Fandiño 1
1Bioactivity and Food Analysis, Institute for Food Science Research (CIAL) (CSIC-UAM), Madrid, Spain

17:20  OAS2-14  Sensitization to Cor a 9 and Cor a 14 is highly specific for a severe hazelnut allergy in Dutch children and adults
Laury Masthoff 1,*, Lars Mattsson 2, Laurian Zuidmeer-Jongejan 3, Jonas Lidholm 1, Kerstin Andersson 2, Jaap H Akkerdaas 3, Serge A Versteeg 3, Cristiano Garino 4, Yolanda Meijer 3, Petra Kentie 3, Astrid Versluis 1, Constanze F den Hartog Jager 1, Carla A.F.M. Bruijnzeel-koomen 1, André C Knulst 1, Ronald van Ree 3, Els van Hoffen 1, Suzanne GMA Pasmans 1
1Dermatology/Allergology, University Medical Center Utrecht, Utrecht, Netherlands, 2Thermo Fisher Scientific, Uppsala, Sweden, 3Experimental Immunology, Academic Medical Center, Amsterdam, Netherlands, 4Pharmaceutical Sciences, Drug & Food Biotechnology Center, University of Piemonte Orientale «A. Avogadro», Novara, Italy, 5Pediatric Pulmonology/Allergology, University Medical Center Utrecht, Utrecht, Netherlands

17:30  OAS2-15  Immunoglobulin E and G4 epitopes of the major allergen of birch pollen Bet v 1 share residues critical for antibody binding
Nicole Groh 1, Brinda Subbarayal 1, Lothar Vogel 1, Christian Möbs 3, Nicolette W. de Jong 4, Wolfgang Pfützner 1, Roy Gerth van Wijk 4, Jonas Lidholm 1, Lisa Meisel 1, Stefanie Randow 1, Thomas Holzhauser 1, Barbara Bohle 2, Stefan Vieths 1, Dirk Schiller 1
1Division of Allergology, Paul-Ehrlich-Institut, Langen, Germany, 2Pathophysiology and Allergy Research and Christian Doppler Laboratory for Immunomodulation, Medical University of Vienna, Vienna, Austria, 3Department of Dermatology and Allergology, Philipps University Marburg, Marburg, Germany, 4Department of Allergology, Erasmus MC-University Medical Center, Rotterdam, Netherlands, 5Thermo Fisher Scientific, Uppsala, Sweden

17:40  OAS2-16  Identification of allergens and epitopes involved in allergy to deamidated gluten
Sandra Denery 1,*, Chantal Brossard 1, Colette Larré 1, Marie Bodinier 1, Florence Pineau 1, Manon Pietri 1, Denise Anne Moneret-Vautrin 2, Evelyne Paty 3
1UR 1268 BIA Nantes, INRA, Nantes, 2Service d’allergologie, Centre Hospitalier Jean Monnet, Epinal, 3Service de Pneumologie et Allergologie Pédiatriques, Groupe hospitalier Necker, Paris, France

*Presenting Author
17:50 OAS2-17  Enzymatic hydrolysis of gluten proteins changes the dose-response of oral sensitization, but not the gluten epitopes
Stine Kroghsbo 1, Nanna Birch Andersen 1, Tina Frid Rasmussen 1, Susanne Jacobsen 2, Charlotte Bernhard Madsen 1*
1Division of Toxicology and Risk Assessment, DTU National Food Institute, Soborg,  
2Enzyme and Protein Chemistry, DTU Systems Biology, Lyngby, Denmark

18:00 OAS2-18  Dietary long chain n-3 polyunsaturated fatty acid induced regulatory T-cells contribute to the prevention of oral sensitization to cow’s milk protein in mice
Lieke Van Den Elsen 1*, Betty van Esch 1,2, Gerard Hofman 1,  
Bert van de Heijning 2, Johan Garssen 1,2, Linette Willemsen 3
1Utrecht Institute for Pharmaceutical Sciences, UTRECHT UNIVERSITY, Utrecht,  
2Danone Research, Wageningen, 3UTRECHT UNIVERSITY, Utrecht, Netherlands

16:40 - 18:10  Allied Health Practical Course Diagnosis Management of food Allergy  Room Risso 7A
Impact of infant feeding on the development of food allergy  
Kate Grimshaw, United Kingdom
Case on mixed Ige and non-IgE mediated food allergy  
Carina Venter, United Kingdom
Case on Ige mediated - teenager  
Berber Vlieg, The Netherlands and Isabel Skypala, United Kingdom

18:20 - 19:50  Poster Session (see page 21)  Exhibition Floor

Saturday, 9 February 2013

9:00 - 10:30  Plenary 3: Anaphylaxis  Room Athéna
Chair: Antonella Muraro, Italy
Anaphylaxis mechanisms: what do we know?  
Manuel Jordana, Canada
Definition of anaphylaxis: implementation in clinical practice  
Carlos Camargo, United States
Identifying patients at risk of anaphylaxis  
Carsten Bindslev-Jensen, Denmark

10:30 - 11:00  Tea & Coffee  Exhibition Floor

11:00 - 12:30  Symposium 7: Managing anaphylaxis  Room Athéna
Chairs: Johannes Ring, Germany and Helen Chan, Hong Kong
When should we transfer responsibility from parent to patient?  
Graham Roberts, United Kingdom
The role of co-factors in food induced anaphylaxis  
Victoria Cardona, Spain
How should we implement anaphylaxis management in the community?  
Laurie Harada, Canada
17:00 - 12:30  Workshop 3: Impact of food production on food allergy  Room Risso 6

Chairs: Ronald Van Ree, The Netherlands and Lars Poulsen, Denmark

Hidden allergens and detection methods: ELISA, PCR
Thomas Holzhauser, Germany

Effect of heating and glycation on allergenicity of Ara h 2/6
Karine Adele-Patient, France

Food processing and allergenicity
Clare Mills, United Kingdom

12:30 - 14:30  Lunch and Poster viewing session (see page 21)

12:30 - 14:30  Pro-con Session: Patients with food allergies should avoid all food with “may contain” labels  Room Athéna

Chair: Carsten Bindslev-Jensen, Denmark
Pro: Tony Dubois, The Netherlands
Con: Graham Roberts, United Kingdom

14:30 - 16:00  Symposium 8: Effective management of food allergy  Room Athéna

Chairs: Sami Bahna, United States and Caroline Nilsson, Sweden

Eosinophilic Esophagitis is a Hot Topic
Alain Schoepfer, Switzerland

Mast cell disease risk for anaphylaxis
Knut Brockow, Germany

What are the threshold levels for egg, milk, hazelnut and peanut?
Esben Eller, Denmark

14:30 - 16:00  Oral Abstract Session 3: Diagnosis and Treatment  Room Risso 6

14:30  Introductory Lecture: Epidemiology of food allergy
Montserrat Fernandez-Rivas, Spain

14:40  OAS3-19  Does Maternal Diet During Pregnancy and Lactation Affect Allergy Outcomes in Their Offspring? A Systematic Review of Food Based Approaches
Merryn Netting 1,*, Philippa Middleton 2, Maria Makrides 1

1Child Nutrition Research Centre, Women’s and Children’s Health Research Institute, 2ARCH: Australian Research Centre for Health of Women and Babies, The Robinson Institute, Discipline of Obstetrics & Gynaecology School of Paediatrics and Reproductive Health, The University of Adelaide, North Adelaide, Australia

14:50  OAS3-20  Changes in Food allergy and sensitisation over a decade: Two birth cohorts from the same geographical area
Veeresh K Patil 1,2,*, Carina Venter 1,3, Jane Grundy 1, Ramesh Kurukulaaratchy 1,2, Tara Dean 1,3, S Hasan Arshad 1,2

1David Hide Asthma & Allergy Research Centre, Newport, 2CES, University of Southampton, Southampton, 3SHSSW, Univrsity of Portsmouth, Portsmouth, United Kingdom

*Presenting Author
15:00 OAS3-21 Prevalence of sensitization to cow’s milk in Europrevall Lithuanian birth cohort
Indre Butiene 1,*, Ruta Dubakiene 1, Odilija Rudzeviciene 2
1Faculty of Medicine, 2Children’s hospital, VILNIUS UNIVERSITY, Vilnius, Lithuania

15:10 OAS3-22 Antibodies induced by immunization with a hypoallergenic mutant of the major fish allergen Cyp c 1 inhibit allergic symptoms in a mouse model of fish allergy
Antonia Charis Gstoettner 1,*, Ulrike Baranyi 2, Margit Focke-Tejkhl 1, Ines Swoboda 1, Frank Stolz 2, Thomas Wekerle 2, Birgit Linhart 1, Rudolf Valenta 1
1Pathophysiology and Allergy Research, 2Department of Surgery, Medical University of Vienna, 3Biomay, Vienna, Austria

15:20 OAS3-23 Involvement of PAF metabolism in anaphylaxis and prevention by Rush-SOTI
Zijin Guo 1, 2,*, Noriko M Tsuji 2, 3
1Laboratory for Epithelial Immunobiology, 2Allergy and mucosal immune tolerance open laboratory, RIKEN Yokohama Institute, Japan, Yokohama City, 3Biomedical Research Institute, The National Institute of Advanced Industrial Science and Technology, Tsukuba City, Japan

15:30 OAS3-24 Vaccination with Recombinant Modified Vaccinia Virus Ankara Prevents the Onset of Intestinal Allergy in Mice
Christoph Bohnen 1, Andrea Wangorsch 1,*, Stefan Schülke 1, Manja Burggraf 2, Yasemin Suezer 1, Astrid Schwantes 2, Gerd Sutter 4, Zoe Waibler 5, Gerald Reese 1, Masako Toda 2, Stephan Scheurer 1, Stefan Vieths 1
1Division of Allergology, 2Junior Research Group “Experimental Allergy Models”, 3Pr Research Group “Recombinant Measles Virus and Vaccines”, Paul-Ehrlich-Institut, Langen, 4Institute for Infectious Diseases and Zoonoses, Ludwig-Maximilians-University, Munich, 5Junior Research Group “Novel vaccination strategies and early immune responses”, Paul-Ehrlich-Institut, Langen, Germany

15:40 OAS3-25 The Safety of Multiple Oral Immunotherapy In Phase one Studies At A Single Center
Tina L. R Dominguez, PA-C, MMS 1,*, Anjuli Mehrotra, MD 1, Shruti Wilson, MD 1, Lisa Winterroth MD 1, Alanna Blakemore 1, Karen Sampson, MD 2, Kari Nadeau, MD, PhD 1
1PEDS Allergy & Immunology, 2Stanford University, Stanford, United States

15:50 OAS3-26 Safety and predictors of adverse events during oral immunotherapy with raw egg white
Marta Vazquez-Ortiz 1,*, Montserrat Alvaro 1, Olga Dominguez 1, Rosa Jimenez-Feijoo 1, M. Teresa Giner 1, M. Anunciacion Martin-Mateos 1, Ana M. Plaza 1
1Paediatric Allergy and Clinical immunology, Hospital Sant Joan de Deu, Barcelona, Spain

16:00 - 16:15 Farewell Address & Award Ceremony Room Athéna

*Presenting Author
The posters are divided in three groups. The first group containing Food Allergy: Therapeutic Options (PS01-001 - PS01-019) and Food Allergy: Case Reports (PS08-146 - PS08-162) will be presented on Thursday, 7 February, 12:30 – 13:30. The second group containing Food Allergy: New Molecular Insight (PS03-039 - PS03-058), Food Allergy: Experimental Aspects and Animal Models (PS05-078 - PS05-097), Food Allergy: Diagnosis & Treatment (PS06-098 - PS06-121) and Food Allergens (PS09-163 - PS09-177) will be presented on Friday, 8 February, 18:20 – 19:50. The third group containing Food Allergy: Clinical Aspects (PS02-020 - PS02-038), Epidemiology of Food Allergy (PS04-060 - PS04-077) and Management of Food Allergy (PS07-122 - PS07-145) will be presented on Saturday, 9 February, 12:30 – 14:30. Each presenter will be asked to deliver a “two minute take home message” and to answer questions, which will allow the moderators to select the best posters for the poster prize awards. The prizes will be handed out at the Award Ceremony on Saturday, 9 February.

Thursday 7, February 2013

**12:30 - 13:30 Food Allergy: Therapeutic Options**

**PS01-001** A novel peanut allergoid is safe and effective in immunotherapy in a peanut allergy mouse model  
Joost Smit 1,*, Raymond Pieters 1, Manon van Roest 1, Laura Kruijssen 1, Stef Koppelman 2, Dirk-Jan Opstelten 2, Hanneke Van der Kleij 2  
1Immunotoxicology, Institute for Risk Assessment Sciences, Utrecht, 2HAL Allergy BV, Leiden, Netherlands

**PS01-002** Specific oral immunotherapy versus allergen avoidance for food allergy in children: systematic review and meta-analysis (update)  
Catalina Iliescu 1,*, Christophe Lamotte 2, Cristian Preda 3  
1Pediatrics, Allergology Centre, Catholic Hospitals of Lille, 2Internal Medecine, Universitary Hospital of Lille, 3Biostatistics, Polytech University 1, Lille, France

**PS01-003** Oral immunotherapy with raw egg: clinical follow-up at 6 and 18 months  
Pedro M Ojeda 1, Isabel Ojeda 1,*, Gema Rubio 1, Fernando Pineda 2  
1Allergy, Clinica de Asma y Alergia Dres. Ojeda, 2Research, Diater Laboratories, Madrid, Spain

**PS01-004** 3-Months Elimination Diet in Childhood EoE: Nutritional and Immunological Aspects  
Diana Colson 1,*, Nicolas Kalach 2, Pascale Soulaines 3, Benedicte Michaud 4, Lucienne Chatenoud 5, Christophe Dupont 3  
1Nutritia Nutrition Clinique, Saint Ouen, 2Institut Catholique de Lille, Lille, 3Hospital Necker Enfants-Malades, 4Laboratoire d’Immunologie Biologie Inserm U 1013, Hospital Necker enfants-Malades, 5U1013, Hospital Necker Enfants-Malades, Paris, France

**PS01-005** Case-report: oral desensitization in patient with cow’s milk allergy  
Elena Korovkina 1,  
1Allergologcal, Mechnikov's research institute for vaccines and sera, Moscow, Russian Federation

**PS01-006** A new OIT protocol for severe peanut allergy  
Anna Kaarina Kukkonen 1,*, Anna Pelkonen 1, Mika Mäkelä 1, Helena Vuoutilainen 1, Soili Mäkinen-Kiljunen 1 Helsinki University Central Hospital  
1Skin and Allergy Hospital, Pediatric department, Helsinki University Central Hospital, Helsinki, Finland
PS01-007 Identification of epicatechin as the bioactive constituent in polyphenol enriched extracts that demonstrate a beneficial effect on allergic symptoms
Anurag Singh 1, Audrey Demont 1, Lucas Actis Goretta 1, Antoine Lévéques 1, Sébastien Holvoet 1, Sophie Nutten 1*
1Nestlé Research Center, Lausanne, Switzerland

PS01-008 Use of food-grade enzymes to obtain milk proteins hydrolysates with hypoallergenic properties
Isabel Herranz 1, Elena Molina 1, Iván López Expósito 1*
1Bioactivity and Food Analysis, Institute for Food Science Research (CIAL) (CSIC-UAM), Madrid, Spain

PS01-009 Eosinophilic esophagitis after induction of oral tolerance for cow’s milk proteins
Cristina Muñoz Archidona 1*, Javier Francisco Viada Bris 1, Sergio José Quevedo Teruel 1, Sonia Fernández Fernández 1, Ana Isabel Rayo Fernández 1, Teresa Bracamonte Bermejo 1, Luis Angel Echeverría Zudaire 1
1Pediatrics, Hospital Severo Ochoa, Leganés, Madrid, Spain

PS01-010 The role of elimination diet in adults with atopic dermatitis
Barbara Rymarczyk 1*, Joanna Gluck 1, Barbara Rogala 1
1Dept. and Clinic of Internal Diseases, Allergology and Clinical Immunology, Medical University of Silesia, Katowice, Poland

PS01-011 Immune dampening effects of the vagus nerve in a model for food allergy
Annick De Vries 1*, Pedro J. Gomez Pinilla 1, Ruben De Keyser 1, Gianluca Matteoli 1, Martina Di Giovangiuilo 1, Guy E. Boeckxstaens 1
1TARGID, KU Leuven, Leuven, Belgium

PS01-012 Oral tolerance induction with heated egg in children and adolescents
Liseth Villafana 1*, Soledad Terrados 1, Aicha Ibrahim 1, Belen De la Hoz 1, Pilar Berges-Gimeno 1
1Hospital Ramón y Cajal, Madrid, Spain

PS01-013 Specific oral tolerance induction to lentil: a home-based protocol
Pedro M Ojeda 1, Isabel Ojeda 1*, Gema Rubio 1, Fernando Pineda 2, Luis Ortiz 3
1Allergy, Clínica de Asma y Alergia Dres. Ojeda, 2Research, Diater Laboratories, Madrid, 3Pediatrics, Clínica de Pediatría Luis Ortiz, Badajoz, Spain

PS01-014 Safer oral immunotherapy for children with cow’s milk anaphylaxis
Maria Flora Martin-Muñoz 1*, Teresa Belver 1, Federico Godet 2, Santiago Quirce 1
1Alergia, 2Pediatric critical care, Idipaz (Instituto de investigación, Hospital Universitario La Paz, Madrid, España), Madrid, Spain

PS01-015 Anaphylaxis due to sulfite intolerance: a protective effect from cyanocobalamin
Pedro M Ojeda 1, Isabel Ojeda 1*, Gema Rubio 1
1Allergy, Clínica de Asma y Alergia Dres. Ojeda, Madrid, Spain

PS01-016 Long term nutritional outcome of children fed an amino-acid formula
Diana Colson 1*, Benedicte Michaud 2, Pascale Soulaines 1, Christophe Dupont 3
1Nutritia Nutrition Clinique, Saint Ouen, 2Laboratoire Laboratoire d’Immunologie Biologie INSERM U1013, 3Hôpital Necker Enfants-Malades, Paris, France

PS01-017 Induction of oral tolerance for cow’s milk proteins. Is everything under control?
Cristina Muñoz Archidona 1*, Sergio José Quevedo Teruel 1, Javier Francisco Viada Bris 1, Teresa Bracamonte Bermejo 1, Luis Angel Echeverría Zudaire 1
1Pediatrics, Hospital Severo Ochoa, Leganés, Madrid, Spain
PS01-018 Oral immunotherapy with raw egg: immunological data at 6 and 18 months
Pedro M Ojeda 1, Isabel Ojeda 1*, Gema Rubio 1, Fernando Pineda 2
1Allergy, Clínica de Asma y Alergia Dres. Ojeda, 2Research, Diater Laboratories, Madrid, Spain

PS01-019 Non-IgE-mediated food allergy: a tolerance induction protocol
Cristina Arêde 1*, Antonio Cabral 1, Susana Piedade 1, Mário Morais-Almeida 1
1Immuonoallergy Department, CUF Descobertas Hospital, Lisbon, Portugal

12:30 - 13:30 Food Allergy: Case Reports

PS08-146 Wheat desensitization treatment in patient with gluten sensitivity
Arianna Aruanno 1*, Eleonora Nucera 1, Alessandro Buonomo 1, Valentina Pecora 1, Amira Colagiovanni 1, Angela Rizzi 1, Lucilla Pascolini 1, Anna Giulia Ricci 1, Simona Mezzacappa 1, Alessia Di Rienzo 1, Manuela Ferraion 1, Michele Centrone 1, Domenico Schiavino 1
1Allergy Department, Policlinico A. Gemelli, Rome, Italy

PS08-147 A 74-year-old soybean allergy woman with anaphylaxis after propofol injection
An Soo Jang 1*, Choon-sik Park 1, Do Jin Kim 1, Sung-woo Park 1
1Soonchunhyang University Bucheon Hospital, Bucheon, Korea, Republic Of

PS08-149 Food allergen thresholds: CM-allergic infants managed with hypoallergenic formulas are a more sensitive population
Christopher Cordle 1*, Larry W Williams 2, Gera Duska-McEwen 2, Michael J Farrow 2
1Pediatric Product Development, 2Abbott Nutrition, Columbus, United States

PS08-150 Severe peach allergy in patients non-sensitized to Pru p 3
Maria Chiara Leoni 1*, Davide Caimmi 1, Anca Mirela Chiriac 1, Marie Pascale Demoly 1, Pascal Demoly 1
1Département de Pneumologie et Addictologie, Unité d’Allergologie INSERM U657, Hôpital Arnaud de Villeneuve, University Hospital of Montpellier, France, Montpellier, France

PS08-151 Food anaphylaxis to mushrooms?
Isabel Carrapatoso 1*, Borja Bartolome 2, Emila Faria 1, Filipa Ribeiro 1, António Segorbe Luís 1
1Imunoallergy Department, Coimbra University Hospital, Coimbra, Portugal, 2R&D Department, Bial-Aristegui, Bilbao, Spain

PS08-152 Mammal’s meat and cow’s milk allergy – case report
Filipa Ribeiro 1*, Isabel Carrapatoso 1, Borja Bartolome 2, António Segorbe Luís 1
1Imunoallergology Department, Coimbra University Hospital, Coimbra, Portugal, 2R&D Department, Bial-Aristegui, Bilbao, Spain

PS08-153 Allergy to citrus suice
Thierry Bourrier 1*, Cecile Pereira 1
1Hospital, NICE, France

PS08-154 Two pediatric cases of pine nuts allergy proved by oral food challenge
Juliette Ponsaille 1, Thierry Bourrier 2*
1private practice, 2Pediatric Pneumology and Allergy Department, GCS Hôpitaux Pédiatriques de Nice CHU Lenoir, Nice, France
PS08-155 Syndrome latex-fruit: report of a case with cassava anaphylaxis
Zulay maria Almeida Sanchez 1, gucimara lucia hernandez santana 1, elena rodriguez plata 1, juan antonio martinez tadeo 1, jose carlos garcia robaina 1, cristina gonzalez colino 1
1alergologia, hospital universitario nuestra señora de la candelaria, santa cruz de tenerife, Spain

PS08-156 Angioedema after ingestion of persimmon fruit
Esmeralda shehu 1,*, mehmet hoxta 2, diana qama 3, alfred priftanji 2
1Internal Medicine, Allergy and Clinical Immunology, Regional hospital of Durres, Durres, 2Allergy and Clinical Immunology, UHC *Mother Teresa*, Tirane, 3allergy and clinical immunology, regional hospital of Berat, Berat, Albania

PS08-157 A case of isolated allergy to sheep’s milk
Roberta bonaguro 1,*, Francesca lazzarotto 1, Alice toniolo 1, Chiara zorzin 1, Maria antonella muraro 1
1Department of Pediatrics - University of Padua, Food Allergy Centre - Veneto Region, Padova, Italy

PS08-158 Anaphylaxis- don’t forget lupin!
Melina makatsori 1,*, Antonio cappella 1, Rebecca McKenzie 1, Isabel sky pala 1
1Allergy Department, Royal Brompton Hospital, London, United Kingdom

PS08-159 chronic angioedema caused by navel orange but not citrus allergy: case report
Sawad boonpiyathad 1,∗
1Department of medicine, Phramonkutklao Hospital, Bangkok, Thailand

PS08-160 Generalized anaphylactic reaction after ingestion of shrimp in patient with bronchial asthma
Natalia ukleja-sokolowska 1, ewa gawronska-ukleja 1, Magdalena zbikowska-gotz 1, zbigniew bartuzi 1
1Department and Clinic of Allergy, Clinical Immunology and Internal Diseases, Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University, Torun, Bydgoszcz, Poland

PS08-161 Eosinophilic esophagitis after SOTI with cow’s milk
Pedro M Ojeda 1, isabel Ojeda 1,*, Gema Rubio 1, alfredo lucendo 2
1Allergy, Clínicas de Asma y Alergia Dres. Ojeda, Madrid, 2Gastroenterology, Hospital de Tomelloso, Tomelloso, Spain

PS08-162 Exercise-related anaphylaxis with food allergy to cross-reactive LTPs
Teresa vieira 1, Ana M Pereira 2, Diana Silva 1, André Moreira 1,3, Luís delgado 1,2,3,∗
1Department of Allergy, 2Immunology Lab, Department of Clinical Pathology, Hospital São João, EPE, 3Department of Immunology, 4CINTESIS and Biostatistics and Medical Informatics, Faculty of Medicine, University of Porto, Porto, Portugal
18:20 - 19:50  Food Allergy: New Molecular Insight

**PS03-039 Component Resolved Diagnosis in relation to severity of hazelnut allergy across Europe**

Mareen Riekelina Datema 1,*, Laurian Zuidmeer 1, Cristiano Garino 2, Justin Marsh 3, Alison Lovegrove 3, Michael Clausen 4, David Gislason 5, Ruta Dubakiene 6, Isabella Reig 7, Laura Barreales 7, Andre C Knulst 8, Thuy-My Le 8, Marek L Kowalski 9, Monika Jedzzejczak 9, Jonas Lidholm 10, Tanya Krailmarkova 11, Tidor Popov 11, Riccardo Asero 12, S Seneviratne 13, Nasos Sinaniotis 14, Nikos Papadopoulos 14, Ashok Purohit 15, Frederic de Blay 15, Peter Bures 16, Stefan Vieths 17, Montserrat Fernández-Rivas 17, Karin Hoffmann-Sommergruber 18, Ronald van Ree 1, Barbara Ballmer-Weber 18

1Experimental Immunology, Academic Medical Center, Amsterdam, Netherlands, 2DISCAFF & Drug and Food Biotechnological Center, Università del Piemonte Orientale, Novara, Italy, 3Rothamsted Research, Harpenden, Hertfordshire, Hertfordshire, United Kingdom, 4Landspitali University Hospital, Reykjavik, Iceland, 5Vilnius University, Vilnius, Lithuania, 6Allergy Department, Hospital Clinico San Carlos, Madrid, Spain, 7Department of Dermatology/Allergology, University Medical Center Utrecht, Utrecht, Netherlands, 8Department of Immunology, Rheumatology and Allergy, Faculty of Medicine, Medical University of Lodz, Lodz, Poland, 9Department of Dermatology/Allergology, National Heart and Lung Institute, Imperial College London, London, United Kingdom, 10Allergy Department, 2nd Pediatric Clinic, University of Athens, Athens, Greece, 11Division of Allergy, Department of Chest Diseases, University Hospitals of Strasbourg, Strasbourg, France, 12Allergy Unit, Department of Dermatology, University Hospital of Zürich, Zürich, Switzerland, 13Division of Allergology, Paul-Ehrlich-Institut, Langen, Germany, 14Department of Pathophysiology, Medical University of Vienna, Vienna, Austria

**PS03-040 Proteomic and immunoassay characterization of a new food allergen from hazelnut (corylus avellana)**

Gianluca Picariello 1,*, Rita Nocerino 2, Chiara Nitrilde 3, Gianfranco Mamone 1, Riccardo Troncone 4, Pasquale Ferranti 3, Roberto Berni Canani 4

1Institute of Food Sciences – CNR, Avellino, 2Department of Pediatrics, University of Naples “Federico II”, Naples, 3Department of Food Science, University of Naples “Federico II”, Portici (Naples), 4Department of Pediatrics and European Laboratory for the Investigation of Food Induced Diseases (ELFID), University of Naples “Federico II”, Naples, Italy

**PS03-041 Atopy patch tests are useful to predict oral tolerance in children with gastrointestinal symptoms related to non-ige-mediated cow’s milk allergy**

Rita Nocerino 1,*, Viviana Granata 1, Vincenza Pezzella 1, Ludovica Leone 1, Margherita Di Costanzo 1, Annalisa Passariello 1, Gianluca Terrin 1, Riccardo Troncone 4, Roberto Berni Canani 4

1Department of Pediatrics, University of Naples “Federico II”, 2Monaldi Hospital, Naples, 3Department of Women’s Health and Territorial Medicine, University of Rome “La Sapienza”, Rome, 4Department of Pediatrics and European Laboratory for the Investigation of Food Induced Diseases (ELFID), University of Naples “Federico II”, Naples, Italy

**PS03-042 Usefulness of micro-arrays technology in ethiological diagnosis of eosinophilic esophagitis**

Alicia Armentia 1,*, Jesus Barrios 2, Blanca Martin 1, Alejandro Sanchez 1, Noelia Alcalde 2, Pilar Fernandez-Orcajo 2, Sara Martin 3

1ALLERGY UNIT, 2Gastroenterology Service, 3Paediatrics Service, Hospital Universitario Rio Hortega, Valladolid, Spain
PS03-043  AhR pathway activation prevents food allergy in mice partly by preserving CD25-positive Tregs in the thymus
Raymond Pieters 1,*, Veronica Schulz 1, Marianne Bol-Schoenmakers 1, Joost Smit 1
1Institute for Risk Assessment Sciences, Utrecht University, Utrecht, Netherlands

PS03-044  House dust mite-specific immunotherapy and tropomyosin sensitizations: harm or benefit for patients?
Branko Pevec 1,*, Mira Radulovic Pevec 1, Asja Stipic Markovic 1, Irena Batista 2
1Department of Clinical Immunology, Pulmology, and Rheumatology, 2Immunological Laboratory, Clinical Hospital Sveti Duh, Zagreb, Croatia

PS03-045  Elicitors and cofactors of food-induced anaphylaxis
Stephanie Hompes 1, Linus Grabhenhenrich 2, Josefine Grünhagen 1, Sabine Dölle 1, Margitta Worm 1
1Department of Dermatology and Allergy, 2Institute for Social Medicine, Epidemiology and Health Economics, Charité - Universitätsmedizin, Berlin, Germany

PS03-046  NKG2D-dependent interaction between intestinal epithelial cells and intraepithelial lymphocytes influences food allergic sensitization
Marianne Bol-Schoenmakers 1, Marisa Marcondes Rezende 1, Laura Kruijssen 1, Lewis L Lanier 2, Louis Boon 3, Raymond H.H. Pieters 1, Joost J. Smit 1
1Institute for Risk Assessment Sciences, Utrecht University, Utrecht, Netherlands, 2Department of Microbiology and Immunology, and the Cancer Research Institute, University of California San Francisco, San Francisco, United States, 3Bioceros, Utrecht, Netherlands

PS03-047  T cell response and cytokines production after allergen stimulation in children allergic to cow’s milk protein
Federica Angelini 1,2,*, Valentina Pacciani 3, Stefania Corrente 3,4, Emanuela Monteferrario 4, Maria Luisa Romiti 1, Romina Silenzi 4, Viviana Moschese 4, Loredana Chini 4
1Division of Pediatrics, University of Rome Tor Vergata, Rome, Italy, 2Immunology, Allergology and Rheumatology Unit, Department of Pediatrics, Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland, 3Department of Pediatrics, Children’s Hospital Bambino Gesù, 4Division of Pediatrics, Allergy and Immunology Unit, University Hospital of Tor Vergata, University of Rome Tor Vergata, Rome, Italy

PS03-048  House dust mite (Derp 10) and crustacean allergic patients may be at risk when consuming food containing mealworm proteins
Kitty C.M. Verhoeckx 1,2,3,*, Sarah van Broekhoven 4, Marco Gaspari 5, Stans C.F. de Hartog-Jager 2,3, Govardus de Jong 1, Harry Wichers 6, Els van Hoffen 2,3, Geert Houben 5,2,3, Andre C Knulst 2,3
1TNO, Zeist, 2Dermatology/Allergology, University Medical Center Utrecht (UMCU), 3Utrecht Center for Food Allergy (UCFA), Utrecht, 4Laboratory of Entomology, Wageningen University and Research Centre, Wageningen, Netherlands, 5Dipartimento di Medicina Sperimentale e Clinica, Università «Magna Graecia» di Catanzaro, Catanzaro, Italy, 6Food & Biobased Research, Wageningen University and Research Centre, Wageningen, Netherlands

PS03-049  Reduced Th1 and Treg immune responses in a pediatric egg-allergic group susceptible for an OIT protocol
Iván López Expósito 1,*, Marta Reche 2, Teresa Valbuena 2, Antonia Padial 2, Cristina Pascual 2, Laura Perezábad 1, Rosina López-Fandiño 1, Elena Molina 1
1Bioactivity and Food Analysis, Institute for Food Science Research (CIAL) (CSIC-UAM), 2Allergy Service, Infanta Sofia Hospital, Madrid, Spain
PS03-050 Serum imbalance between the extracellular matrix metalloproteinases (MMP-2 and MMP-9) and their tissue inhibitor (TIMP-1) in patients with food and airborne allergy.
Andrzej Kuźmiński 1,*, Michał Przybyszewski 1, Małgorzata Graczyk 1, Magdalena Żbikowska-Gotz 1, Zbigniew Bartuzi 1
1Department of Allergology, Clinical Immunology and Internal Medicine, Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń, Bydgoszcz, Poland

PS03-051 Enhanced Th2 immune response in milk-allergic children against the major milk proteins as the starting point for an OIT protocol
Marta Reche 1, Teresa Valbuena 1, Cristina Pascual 1, Antonia Padial 1, Laura Perezábad 2, Rosina López-Fandiño 2, Elena Molina 2, Iván López Expósito 2, 2,*
1Allergy Service, Infanta Sofia Hospital, 2Bioactivity and Food Analysis, Institute for Food Science Research (CIAL) (CSIC-UAM), Madrid, Spain

PS03-054 Gad c1 efficiency in the diagnosis of fish allergy in children
O Domínguez 1, P Carrillo 2, MT Giner 1, M Piquet 1, M Alvaro 1, R Jimenez-Feijoo 1, J Lozano 1, M Pascal 3, AM Plaza 1
1Allergy and Clinical Immunology Department, Hospital Sant Joan de Deu, Barcelona, 2Allergy Department, Hospital Virgen Arrixaca, Murcia, 3Immunology Department, CDB. Hospital Clinic, Barcelona, Spain

PS03-055 Identification of major allergens in spices by mass spectrometry
Marlene Hummel 1,*, Jens Brockmeyer 1
1Institute of Food Chemistry, WWU Muenster, Muenster, Germany

PS03-056 Detection of nut allergens by mass spectrometry and structure analysis after food processing
Silke Lepski 1,*, Judith Gerwin 1, Jens Brockmeyer 1
1Institute of Food Chemistry, WWU Muenster, Muenster, Germany

PS03-057 Many faces of peach allergy: component-resolved diagnosis of the main allergens.
Ekaterina Golysheva 1,*, Marina Mokronosova 1
1Mechnikov’s Research Institute for Vaccines and Sera, Moscow, Russian Federation, Moscow, Russian Federation

PS03-058 Lipid Transfer Protein: a link between food and respiratory allergy
Jaime Sanchez-Lopez 1,*, Leticia Tordesillas 2, Araceli Diaz-Perales 2, Mariona Pascal 3, Maria Rueda 1, Rosa Muñoz-Can 1, Ramón Vilella 1, Antonio Valero 1, Cesar Picado 1, Joan Bartra 1
1Pulmonology and Respiratory Allergy. ICT., Hospital Clinic, Barcelona, 2Departament of Biothecnology, ETS Ingenieros Agronomos. Universidad Politécnica de Madrid, Madrid, 3Immunology, Hospital Clinic, Barcelona, Spain

18:20 - 19:50 Experimental Aspects and Animal Models

PS05-078 Immunological and metabolic consequences of continued antigen ingestion by sensitized mice
Nathalia Vieira Batista 1, Rafaela Vaz Sousa Pereira 1, Roberta Cristelli Fonseca 1, Adaliene Versiani Matos Ferreira 2, Denise Carmona Cara 1, 1
1Morphology, 2Enfermagem Básica, UFMG, Belo Horizonte, Brazil

PS05-079 Differences in potential allergenicity of food extracts after oral exposure in Balb/C mice: a research about animal model
Cui Zhou 1,*, Na Sun 1, Jing Wang 1, Cuiyang Wang 1, Shulan Xu 2, Huilian Che 1
1College of Food Science and Nutritional Engineering, 2College of Humanities and Development Studies, China Agricultural University, Beijing, China
PS05-080 Using human-severe combined immunodeficiency (hu-SCID) mice as a model for testing allergenicity of genetically modified organisms (GMOs)
RuiYun Lee 1,*, Daniela Reiner 1, Anita Maccó 2, Noémi Bakos 2, Éva Gelencsér 2, T. J. V. Higgins 3, Michelle M. Epstein 1
1Division of Immunology, Allergy and Infectious Diseases, Experimental Allergy, Department of Dermatology, Medical University, Vienna, Austria, 2Unit of Biology, Central Food Research Institute, Budapest, Hungary, 3Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra, Australia

PS05-081 Design of dendrimeric structures to treat allergic disorders
Ana Belen Blazquez 1,*, Ana Aranda 1, Ainhoa Mascaraque 2, Maria Jose Torres 3, Cristobalina Mayorga 1, Javier Rojo 2, Miguel Blanca 3
1Research Laboratory, IMABIS Foundation-Carlos Haya Hospital/Bionand, Malaga, 2Glycosystems Laboratory, Instituto de Investigaciones Quimicas, CSIC, Sevilla, 3Allergy Service, Carlos Haya Hospital, Malaga, Spain

PS05-082 Selective ablation of mast cells or basophils in mice reduces peanut-induced anaphylaxis
Laurent L Reber 1,*, Thomas Marichal 1, Kaori Mukai 1, Axel Roers 2, Karin Hartmann 2, Hajime Karasuyama 3, Kari C Nadeau 4, Mindy Tsai 1, Stephen J Galli 1
1Department of Pathology, Stanford University, Stanford, United States, 2Department of Dermatology, University Hospital Cologne, Cologne, Germany, 3Department of Immunology, Tokyo Medical and Dental University Graduate School, Tokyo, Japan, 4Department of Pediatrics, Stanford University, Stanford, United States

PS05-083 Treatment with synthetic β-lactoglobulin peptides can prevent clinical symptoms in a mouse model for cow’s milk allergy
L.A.P.M Meulenbroek 1,2, Betty van Esch 1,3, Gerard Hofman 1, Alma Nauta 1,3, Linette Willemsen 1, Carla Bruinzeel-Koomen 2, Johan Garssen 1,3, Els van Hoffen 2, Leon Knippels 1,3,*
1Pharmacology, Utrecht Institute for Pharmaceutical Sciences, 2Dermatology/Allergology, University Medical Center Utrecht, Utrecht, 3Immunology, Danone Research Centre for Specialised Nutrition, Wageningen, Netherlands

PS05-084 Genetically modified α-amylase inhibitor peas are not specifically allergenic in mice
Daniela Reiner 1,*, RuiYun Lee 1, T. J.V. Higgins 2, Michelle M. Epstein 1
1Department of Dermatology, Division of Immunology, Allergy and Infectious Diseases, Medical University of Vienna, Vienna, Austria, 2Plant Industry, CSIRO, Canberra, Australia

PS05-085 IgE cross-reactivity between the major peanut allergen Ara h 2 and the non-homologous allergens Ara h 1 and Ara h 3
Merima Bublin 1,*, Maria Kostadinova 1, Christian Radauer 1, Christine Hafner 2, Zsolt Szépfalusi 3, Eva-Maria Varga 4, Soheila J. Maleki 3, Heimo Breiteneder 1, Karin Hoffmann-Sommergruber 1
1Department of Pathophysiology and Allergy Research, Medical University of Vienna, Vienna, 2Karl Landsteiner Institute for Dermatological Research, Karl Landsteiner Institute for Dermatological Research, St. Poelten, 3Department of Paediatrics and Adolescent Medicine, Medical University of Vienna, Vienna, 4Department of Paediatrics, Respiratory and Allergic Disease Division, Medical University Graz, Graz, Austria, 5U.S. Department of Agriculture, Agricultural Research Service, Southern Regional Research Center, New Orleans, United States

PS05-086 Revisiting egg yolk involvement in children food allergy to egg
Chantal Brossard 1, Fabienne Rancé 2, Agnès Juchet 2, Martine Drouet 3, Evelyne Paty 4, Sandrine Legoué-Morillon 1, Françoise Nau 5, Marc Anton 1, Sandra Denery 1,*
1UR1268 Biopolymères, Interactions, Assemblages, INRA, Nantes, 2Pédiatrie - Pneumologie, Allergologie, CHU Toulouse, Toulouse, 3Pneumologie - Unité Allergologie Générale, CHU d’Angers, Angers, 4Pneumo Allergologie Infantile, CHU Necker, Paris, 5Centre de Recherche et d’Education en Allergie Alimentaire, CHU de Nantes, Nantes, 6UMR1253 Sciences et Technologie du Lait et de l’Oeuf, INRA/AgroCampus Ouest, Rennes, France
PS05-087  Identification and characterization of Lyc e 4, a Bet v 1 homologous PR-10 protein, in tomato fruits
Annette Jamin 1,*, Andrea Wangorsch 1, Vera Mahler 2, Anna Helena Malczyk 1, Detlef Bartel 1, Kay Foetisch 1, Jonas Lidholm 3, Stefan Vieths 1, Stephan Scheurer 1
1Division of Allergology, Paul-Ehrlich-Institut, Langen, 2Department of Dermatology, University Hospital of Erlangen, Erlangen-Nuremberg, Germany, 3Thermo Fisher, Uppsala, Sweden

PS05-088  Perspectives for the allergenicity assessment of key allergens in GM plants
Antonio Fernandez 1,*, Clare Mills 2, Martinus Lovik 3, Armin Spoek 4, Andrea Germini 1, Arne Mikalsen 5, Jean-Michel Wal 6
1European Food Safety Authority, Parma, Italy, 2University of Manchester, Manchester, United Kingdom, 3Norwegian Institute of Public Health, Oslo, Norway, 4Inter-University Research Centre for Technology, Work and Culture, Graz, Austria, 5Norwegian Scientific Committee for Food safety, Oslo, Norway, 6INRA-CEA, Gif sur Yvette cedex, France

PS05-090  Clinical relevance of IgE-antibodies to PR-10 proteins in patients with syndrome of oral allergy
Evgeniya Bass 1,*, Marina Mokronosova 1
1Mechnikov’s Research Institute for Vaccines and Sera, Moskow, Russian Federation

PS05-091  Variability of allergenicity within 29 genotypes including some genetically modified genotypes
Roberta Lupi 1,2, Stefania Masci 2, Florence Pineau 1, Sandra Denery-Papini 1, Colette Larré 1
1BIA-ALL, INRA, Nantes, France, 2DAFNE, Università degli Studi della Tuscia, Viterbo, Italy

PS05-092  IgE-levels to peanut allergen component Ara h 2: relation to peanut symptoms in 8-year-olds
Anna Asarnoj 1,2,*, Gunilla Hedlin 2, Marianne van Hage 3, Magnus Wickman 1
1Institute of Environmental Medicine, Karolinska Institutet, 2Dept. of Paediatrics, Astrid Lindgren Children’s Hospital, Karolinska University Hospital, 3Clinical Immunology and Allergy Unit, Department of Medicine, Karolinska Institutet and University Hospital, Stockholm, Sweden

PS05-094  Increased gut permeability in newborns with food allergy
Svetlana Makarova 1,*, Tatiana Borovik 1, Vera Skvortsova 1, Galina Yatsyk 1, Ivan Gmoshinskij 2, Vladimir Mazo 2
1Scientific Center of Children’s health, RAMS, 2Institute of nutrition, RAMS, Moscow, Russian Federation

PS05-095  Selected acute phase protein in the diagnosis of late allergic response and the development of tolerance in food allergy
Ewa Maria Springer 1,*, Magdalena Sobieska 2
1Center of Diagnostics and Treatment od Allergy, SNZOZ Alergologia Plus, 2Chair and Clinic for Physiotherapy, Rheumatology and Rehabilitation, University of Medical Sciences, Poznań, Poland

PS05-096  The IgE repertoire in patients with food allergy resolved at component level
Simona Belohlavkova 1,*, Martin Fuchs 1, Lucie Mackova 1, Ivana Svarcova 1
1Immuno-flow, Prague, Czech Republic

PS05-097  The use of clinical and biomarker data to predict severity of allergic reactions to kiwi fruit
Audrey Dunngalvin 1,*, Hilary Whitworth 2, Sarah Lynch 3, Anthony Williams 2,3, Andrew F. Walls 2, Jane S. Lucas 2,3
1School of Applied Psychology, University of Cork, Cork, Ireland, 2Academic Unit of Clinical and Experimental Sciences, Faculty of Medicine, University of Southampton, 3University Hospital Southampton NHS Foundation Trust, Southampton, United Kingdom
18:20 - 19:50  Food Allergy: Diagnosis & Treatment

**PS06-098**  Allergic sensitization and IgE/IgG4 profile to Soy food and respiratory allergens in Cuban adults and children
Maytee Mateo Morejón 1,*, Raiza Cruz 2, Mirta Alvarez 3, Alexander Ciria 4, Marlen Jimenez 5, Raul Castro 6, Marycarmen Reyes 6, Alexis Labrada 6
1Allergen, National Center of Bioproducts, 2Allergenos, Centro Nacional de Biopreparados, Mayabeque, 3alergia, University Hospital Calixto Garcia, 4Allergy, Hospital William Soler, 5Allergy, Hospital Ángel Arturo Aballi, Havana, 6Allergen, Centro Nacional de Biopreparados, Mayabeque, Cuba

**PS06-100**  Characterization of Putative IgE-reactive N-terminal Peptides from the 7S Vicilin-like Globulin of English Walnut (Juglans regia)
Melanie Downs 1,2, Joseph Baumert 3, Steve Taylor 4, E N Clare Mills 1
1University of Manchester, Manchester, United Kingdom, 2Food Allergy Research & Resource Program, University of Nebraska-Lincoln, Lincoln, United States

**PS06-101**  Usefulness of the ratio total IgE / specific IgE (sIgE) to predict tolerance in children allergic to cow’s milk proteins (CMP)
Adriana Machinena 1, Montserrat Alvaro 1, Jaime Lozano 1, Mónica Piquer 1, Olga Domínguez 1, Ana María Plaza 1, Maria Teresa Giner 1
1Pediatric Allergy and Clinical Immunology Section, Hospital Sant Joan de Déu. Universitat de Barcelona, Esplugues (Barcelona), Spain

**PS06-102**  Generation of a protein scaffold for the analysis of functional immunoglobulin epitopes of Bet v 1-like allergens
Christina Pekar 1, Hanna Berkner 2, Lothar Vogel 1, Michaela Gubesch 1, Lisa Meisel 1, Stefanie Randow 1, Lena Ries 1, Thomas Holzhauser 1, Jonas Lidholm 1, Stefan Vieths 1, Paul Rösch 4, Olivia Hartl-Spiegelhauer 4, Dirk Schiller 4
1Division of Allergology, Paul-Ehrlich-Institut, Langen, 2Thermo Fisher Scientific, Freiburg, Germany, 3Thermo Fisher Scientific, Uppsala, Sweden, 4Department of Biopolymers, University of Bayreuth, Bayreuth, Germany

**PS06-103**  Analysis of the levels of myeloperoxidase and neutrophil elastase in patients with food allergy
Małgorzata Graczyk 1,*, Michal Przybyszewski 1, Andrzej Kuźmiński 1, Magdalena Żbikowska-Gotz 1, Jacek Tlappa 2, Jacek Mućka 2, Katarzyna Napiórkowska 1, Ewa Szynkiewicz 1, Zbigniew Bartuzi 1
1Department of Allergy, Clinical Immunology and Internal Medicine, 2Emergency Unit, CM in Bydgoszcz, Nicolaus Copernicus University in Toruń, Bydgoszcz, Poland

**PS06-104**  Concentration of interleukin 17A and measurement properties of the neutrophiles with food allergy hypersensitivity Patients
Magdalena Żbikowska-Gotz 1,*, Krzysztof Pałgan 1, Ewa Gawrońska-Ukleja 1, Andrzej Kuźmiński 1, Michal Przybyszewski 1, Zbigniew Bartuzi 1
1Department of Allergology, Clinical Immunology and Internal Medicine Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń, Bydgoszcz, Poland

**PS06-105**  Quantitative evaluation of the symptoms provoked during the oral food challenge using the Anaphylaxis Scoring Aichi (ASCA)
Komei Ito 1,*, Naoyuki Kando 1, Asuka Hino 2
1Department of Allergy, Aichi Children’s Health and Medical Center, Obu, 2Department of Pediatrics, Midori Hospital, Gifu, Japan
PS06-106 Risk factors for re-admittance due to allergic food reactions in a cohort of patients from pediatric emergency departments in Stockholm
Mirja Vetander1,*, Diana H Ly2, Niclas Håkansson3, Magnus Wickman4, Anna Bergström3
1Sachs’ Children’s Hospital, Department of Paediatrics, Södersjukhuset, Stockholm, Sweden, 2Karolinska Institute, Department of Clinical Science and Education, Södersjukhuset, Stockholm, Sweden, 3Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden, 4Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden

PS06-108 The prospective clinical monitoring of children with atopic dermatitis due to food allergy
Vera A. Revyakina1,*, Elena D. Kuvshinova1, Elena Yu. Berezina1, Anna M. Timofeeva1, Olga Yu. Monosova1, Elena V. Pavlovskaya1
1Research Institute of Nutrition, Russian Academy of Medical Sciences, Moscow, Russian Federation

PS06-109 Prevalence and clinical relevance of low levels of Pru p 3 specific IgE in patients with peach sensitization
Mariona Pascal1,*, Anna Mensa1, Jaume Sánchez-López2, Jordi Milà1, Lucía Millan1, Manel Juan1, Antonio Valero3, Ramon Vilella1, Cesar Picado2, Jordi Yagüe1, Joan Bartra2
1Immunology, Hospital Clinic, 2Unitat Al.lèrgia, Servei de Pneumologia, ICT, Hospital Clinic de Barcelona, 3Unitat Al.lèrgia, Servei de Pneumologia, ICT, Hospital Clinic, Barcelona, Spain

PS06-110 Characteristics of ante- and postnatal risk factors of the food allergy in infants
Svetlana N. Denisova1,*, Marina Yu. Belitskaya1, Tatiana B. Sentsova2, Vera A. Revyakina2, Elena V. Pavlovskaya2, Alexandra A. Trofimova1
1Russian National Research Medical University, 2Research Institute of Nutrition, Russian Academy of Medical Sciences, Moscow, Russian Federation

PS06-111 Algorithm of the choice of nutritional therapy in infants with food allergy
Marina Yu. Belitskaya1, Svetlana N. Denisova1,*, Tatiana B. Sentsova2, Vera A. Revyakina2, Alexandra A. Trofimova1, Elena V. Pavlovskaya2
1Russian National Research Medical University, 2Research Institute of Nutrition, Russian Academy of Medical Sciences, Moscow, Russian Federation

PS06-112 The dynamics of soluble apoptosis markers during diet therapy in infants with food allergy
Tatiana B. Sentsova1,*, Vera A. Revyakina1, Elena V. Pavlovskaya1, Svetlana N. Denisova2, Ilia V. Vorozhko1, Olga Yu. Monosova1, Olga O. Kirillova1
1Research Institute of Nutrition, Russian Academy of Medical Sciences, 2Russian National Research Medical University, Moscow, Russian Federation

PS06-113 Insufficient labelling of allergen traces in foodstuffs- a survey for parents of children with food allergy
Birgit Kalb1,*, Valérie Trendelenburg1, Johanna Bellach1, Kirsten Beyer1
1Charité University Hospital, Berlin, Germany

PS06-114 Clinical characteristics of food allergy post paediatric liver transplantation
Ruth De Bruyne1,*, Melissa Dullaers2, Stephanie Van Biervliet1, Saskia Vande Velde1, Philippe Gevaert3, Myriam Van Winckel1
1Department of Paediatric Gastroenterology, Hepatology and Nutrition, Ghent University Hospital, 2Department of Pulmonary Medicine, Ghent University Hospital, 3Department of Otorhinolaryngology, Ghent University Hospital, Ghent, Belgium
PS06-115 Bioinformatic, immunological and biological properties of chicken egg white ovomucoid
Na Sun 1,*, Cui Zhou 1, Jing Wang 1, Cuiyan Wang 1, Xin Zhou 1, Huilian Che 1
1College of Food Science and Nutritional Engineering, China Agricultural University, Beijing, China

PS06-116 Diagnostic value of IgE antibodies to ω-5 gliadin, HMW-glutenin and gliadins in wheat
challenged children
Nora Nilsson 1,*, Sigrid Sjolander 2, Eishin Morita 3, Malin Berthold 2, Gunilla Hedlin 1, Magnus
Borres 2, Caroline Nilsson 4
1Allergic and Pulmonary Diseases, Astrid Lindgrens Childrens Hospital, Stockholm, Stockholm, 2Thermo
Fischer Scientific, Uppsala, Sweden, 3Dep of Dermatology, Shimane University Faculty of Medicine, Izumo,
Japan, 4Dep of Clinical Science and Education, Sachs Children's Hospital, Stockholm, Sweden

PS06-117 Risky Business? Whether a more accurate picture of risk assessment in food allergic children and
young people affects behaviours in school nurses and school first aiders
Heather Hanna 1,*, Thisanayagam Umasunthar 1, John Warner 1, Robert Boyle 1
1Department of Paediatrics, Imperial College, London, United Kingdom

PS06-118 Comparative analysis of patients with birch pollinosis and patients with associated plant food
allergy
Katarzyna Napiórkowska-Baran 1,*, Zbigniew Bartuzi 1, Małgorzata Graczyk 1, Joanna
Kołodziejczyk 1
1Department of Allergy, Clinical Immunology and Internal Medicine, CM in Bydgoszcz Nicolaus Copernicus
University in Toruń, Bydgoszcz, Poland

PS06-119 Anaphylaxis in Infants with Cow’s Milk Protein Allergy: clinical aspects
Ana Paula beltan moschione Castro 1,*, Diana Kimie Dias 1, Leticia Belinasso Ferreira 1, Glauce
Hiromi Yonamine 2, Cleonir Lui Beck 1, Andrea Fujinami Gushken 1, Antonio Carlos Pastorino 1,
Cristina Miuki Abe Jacob 1
1Department of pediatrics, 2Divisão de Nutrição, Child’s Institute, São Paulo, Brazil

PS06-120 Food Allergy is an important diseases associated to Fibromyalgia
Franca Alis Puccio 1, 2,*, Rafael Rojas 1, Isaac Mosquera 3, Alonso Hernandez 1, Romer Mosquera 1,
Luis Jaua 3, Maria Lizarrale 3, Domenico Cifarrelli 2, Rosalia Reeyes 3
1Unidad de inmunologia, Instituto de Neurologia y Neurociencias aplicadas, 2Lab inmunopatologia,
Instituto de Biomedicina UCV, 3Instituto de Neurologia y Neurociencias aplicadas, Caracas, Venezuela,
Bolivarian Republic Of

PS06-121 Anaphylactic reactions during oral food challenge test in pediatric patients
Andrea Fujinami Gushken 1, Leticia Aki Watanabe 1,*, Cleonir Lui Beck 1, Ana Paula beltan
moschione Castro 1, Glauce Hiromi Yonamine 2, Antonio Carlos Pastorino 1, Cristina Miuki Abe
Jacob 1
1Department of pediatrics, 2Divisão de Nutrição, Child’s Institute, São Paulo, Brazil
Specific IgE to Ara h 2 is the best predictor for peanut allergy in adults and is correlated to clinical severity
Rob Klemans 1, Henrike Broekman 1, Edward Knol 1, Carla Bruijnzeel-Koomen 1, Henny Otten 2, Suzanne Pasmans 1, André Knulst 1,*
1Dermatology/Allergology, 2Immunology, University Medical Center Utrecht, Utrecht, Netherlands

ISAC112 in vitro testing: improved overall analytical characteristics compared to ISAC103
Douwe De Boer 1,*, Judith A.P. Bons 1, Chris M.G. Nieuwhof 2, Paul P.C.A. Menheere 1
1Central Diagnostic Laboratory, 2Digestive Diseases Department of Internal Medicine, Maastricht University Medical Center, Maastricht, Netherlands

The association of month of birth with allergic sensitization in pediatric patients with asthma in Mureș county, Romania
Brîndusa Capilna 1,2,*, Capilna Radu 3
1Pediatric Department, University of Medicine and Pharmacy Targu Mures, 2Pediatric Clinic, 3Department of Cardiovascular Surgery, County Emergency Hospital Targu Mures, Targu Mures, Romania

A case of eosinophilic esophagitis, with sensitization to BSA (meat allergy) and rhinconjunctivitis due to dog epithelium
Laura Vázquez Fuertes 1,*, M. Socorro Perez Bustamante 1, Armando Bueso Fernandez 1, Andrea Gonzalez Pino 2, Fernando Pineda De La Losa 3
1Allergy, 2gastroenterology, Torrejon Hospital (Madrid), 3laboratory department, diater laboratory, Madrid, Spain

Basophil response to peanut allergens in the mediterranean area
Cristobalina Mayorga 1,*, Maria Jose Torres 2, Ana Belen Blazquez 1, Francisca Gomez 2, Ana Aranda 1, SJ Koppelman 3, Araceli Diaz Perales 4, Stephan Vieths 5, Miguel Blanca 2
1Resarch Laboratory, IMABIS Foundation-Carlos Haya Hospital/Bionand, 2Allergy Service, Carlos Haya Hospital, Malaga, Spain, 3HAL Allergy, HAL Allergy, Leiden, Netherlands, 4Centre for Plant Biotechnology and Genomics, UPM-INIA, Pozuelo de Alarcon, Spain, 5Division of Allergology, Paul-Ehrlich-Institut, Federal Institute for Vaccines and Biomedicines, Landen, Germany

Ara h 6 complements Ara h 2 as an important marker for ige reactivity to peanut
James Hindley 1,*, Audrey Koid 2, Robert G Hamilton 3, Ronald van Ree 4, Serge A Versteeg 4, Stephen C Dreskin 5, Martin D Chapman 2, Sabina Wunschmann 2
1INDOOR Biotechnologies Ltd, Cardiff, United Kingdom, 2INDOOR Biotechnologies Inc, Charlottesville, 3Johns Hopkins University School of Medicine, Baltimore, United States, 4Academic Medical Centre, Amsterdam, Netherlands, 5University of Colorado, Denver, United States

Allergy to apple in a mediterranean population
Francisca Gomez 1,*, Cristobalina Mayorga 2, Ana Aranda 2, Araceli Diaz-Perales 3, Natalia Blanca-Lopez 4, Gabriela Canto 4, Arancha Palacín 5, Maria Garrido 3, Miguel Blanca 1, Maria Jose Torres 1
1Allergy Service, Carlos Haya Hospital, 2Research Laboratory, IMABIS Foundation-Carlos Haya Hospital/Bionand, Malaga, Spain, 3Centre for Plant Biotechnology and Genomics, UPM-INIA, Pozuelo de Alarcon, Madrid, 4Allergy Service, Infanta Leonor Hospital, Madrid, 5Centre for Plant Biotechnology and Genomics, UPM-INIA, Pozuelo de Alarcon, Madrid, Spain

Oleosines in sesame allergy
Pedro M Ojeda 1,*, Isabel Ojeda 1, Gema Rubio 1, Fernando Pineda 2
1Allergy, Clínica de Asma y Alergia Dres. Ojeda, 2Research, Diater Laboratories, Madrid, Spain
**PS09-171** Evidence for higher sensitivity of recombinant Tri a 36 compared to omega-5-gliadin for diagnosis of wheat food allergy
Alexandra Baar 1,*, Sandra Pahr 1, Claudia Constantin 2, Stavroula Giavi 3, Manoussaki Alkistib 3, Nikolaos G. Papadopoulos 1, Christof Ebner 4, Adriano Mari 1, Susanne Vrtala 6, Rudolf Valenta 7
1Department of Pathophysiology and Allergy Research, Christian Doppler Laboratory for the Development of Allergen Chips, Medical University of Vienna, Austria, 2Department of Pathophysiology and Allergy Research, Medical University Vienna, Vienna, Austria, 3Allergy and Immunology Research Centre, University of Athens, Athens, Greece, 4Ambulatory for Allergy and Clinical Immunology, Ambulatory for Allergy and Clinical Immunology, Vienna, Austria, 5Center for Molecular Allergology, IDI-IRCCS, Rome, Italy, 6Department of Pathophysiology and Allergy Research, Christian Doppler Laboratory for the Development of Allergen Chips, 7Department of Pathophysiology and Allergy Research, Christian Doppler Laboratory for Allergy Research, Medical University Vienna, Vienna, Austria

**PS09-172** Subjects sensitized to sunflower seed (Helianthus annuus) are tolerant in a high proportion of cases
Ana Aranda 1,*, Maria Luisa Macias 1, Francisca Gomez 2, Natalia Blanca-Lopez 3, Elena Seoane 3, Gabriela Canto 3, Miriam Osorio 1, Cristina Gomez-Casado 4, Araceli Diaz-Perales 4, Miguel Blanca 2
1Research Laboratory, IMABIS Foundation-Carlos Haya Hospital, 2Allergy, Carlos Haya Hospital, Malaga, 3Allergy, Infanta Leonor, Madrid, 4Biotechnology, Center for Plant Biotechnology and Genomics, Madrid, Spain

**PS09-173** Sequential IgE-epitopes of ovomucoid exposed by glutathione are relevant in persistent egg allergy
Tamar Kinaciyan 1,*, Franziska Roth-Walter 1,2,3, Philipp Starkl 3, Thorsten Zuberbier 4, Richard Brunner 3, Isabella Pali-Schöll Pali-Schöll 2,3, Janis Kinkel 1, Ferdinand Felix Felix 3, Erika Jensen-Jarolim 2,3
1DIAID, Dept of Dermatology, Medical University of Vienna, 2Messerli Forschungsinstitut, Veterinärmedizinischen Universität Wien, 3Institute of Pathophysiology and Allergy Research, Medical University of Vienna, Vienna, Austria, 4Department of dermatology, Charite’Universitätsmedizin, Berlin, Germany

**PS09-174** Identification and characterization of meat allergens for improved diagnosis of meat allergy
Christoph Klug 1,*, Margarete Focke 2, Wolfgang Hemmer 3, Herbert Wank 1, Ines Swoboda 1
1Department Applied Life Sciences, University of Applied Sciences FH Campus Vienna, 2Department of Pathophysiology and Allergy Research, Medical University of Vienna, 3Floridsdorf Allergy Center (FAZ), Vienna, Austria

**PS09-175** Identification of new manioc allergens and successful oral immunotherapy in a Brazilian allergic patient
Keity Souza Santos 1,*, Ariana Campos Yang 2, Gabriele Gadermaier 3, Clovis Eduardo Galvão 2, Eva Vejvar 3, Adriano Mari 1, Fatima Ferreira 3, Jorge Kalil 1, Fabio Fernandes Morato Castro 2
1Department of Medicine, Division of Clinical Immunology and Allergy, University of São Paulo School of Medicine, FMUSP, 2Division of Allergy, Clinics Hospital of FMUSP, Sao Paulo, Brazil, 3Christian Doppler Laboratory for Allergy Diagnosis and Therapy, University of Salzburg, Salzburg, Austria, 4Center for Molecular Allergology, IDI-IRCCS, Rome, Italy, 5Christian Doppler Laboratory for Allergy Diagnosis and Therapy, University of Salzburg, Salzburg, 6Allergy and Immunology, LIM-19, Heart Institute (InCor), Sao Paulo, Brazil

**PS09-176** Molecular and Immunological Characterisation of Peanut Ingredients for Double Blind Placebo Controlled Food Challenge (DBPCFC)
Phil Johnson 1,*, Anuradha Balasundaram 1, Aafke Taekema 2, Neil Rigby 3, Clare Mills 1
1Institute of inflammation and Repair, University of Manchester, Manchester, United Kingdom, 2Wageningen University, Wageningen, Netherlands, 3Institute of Food Research, Norwich, United Kingdom
PS09-177  Hypoallergenic allergen derivatives of Pru p 3 for immunotherapy of IgE-mediated peach allergy
Birgit Linhart 1,*, Antonia Gstoettner 1, Cristina Gamez 2, Ines Swoboda 1, Adriano Mari 3, Nikolaos Papadopoulos 4, Rudolf Valenta 1
1Dept. of Pathophysiology and Allergy Research, Medical University of Vienna, Vienna, Austria, 2Institute for Medical Research, Foundation Jimenez Diaz, Madrid, Spain, 3Center for Molecular Allergology, IDI-IRCCS, Rome, Italy, 4Allergy Research Center, 2nd Pediatric Department, National & Kapodistrian University of Athens, Athens, Greece

Saturday, 9 February 2013

12:30 - 14:30  Food Allergy: Clinical Aspects

PS02-020  Omalizumab as successful treatment option in severe peanut allergy
Eleonora Dehlink 1, Christina Bannert 1,*, Thomas Eiwegger 1, Susanne Diesner 1, Saskia Gruber 1, Zsolt Szépfalusi 1
1Department of Pediatrics and Adolescent Medicine, Medical University Vienna, Vienna, Austria

PS02-021  Safety and efficacy of oral desensitization to swordfish in children with persistent and multiple fish allergy
Susana Piedade 1,*, Graça Sampaio 1, Mário Morais-Almeida 1
1Immunoallergy Department, CUF-Descobertas Hospital, Lisboa, Portugal

PS02-022  Histamine poisoning caused by blues cheese
Chrys Tsakona 1,*
1Immunology Department, The Dudley Group of Hospitals NHS Foundation Trust, Birmingham, United Kingdom

PS02-023  Lupine seed allergy in a patient after liver transplantation diagnosed by component resolved diagnosis
Simona Belohlavkova 1,*, Martin Fuchs 1
1Immuno-flow, Prague, Czech Republic

PS02-024  Safety and efficacy of a sublingual-oral desensitization protocol in cow’s milk allergy treatment
Susana Piedade 1,*, Graça Sampaio 1, Ângela Gaspar 1, Cristina Arêde 1, Luis Miguel Borrego 1, Cristina Santa-Mart 1, Mário Morais-Almeida 1
1Immunoallergy Department, CUF Descobertas Hospital, Lisbon, Portugal

PS02-025  Systemic mastocytosis mistaken as food allergy: a case report highlighting the importance of assessing the levels of mast cell tryptase
Chrys Tsakona 1,*
1Immunology Department, The Dudley Group of Hospitals NHS Foundation Trust, Birmingham, United Kingdom

PS02-026  Gluten sensitivity in San Marino Republic
Giuseppe Menna 1,*, Nicola Antonio Romeo 1
1Pediatrics, ISS Security Social Institute, Borgo Maggiore, San Marino
PS02-027 Higher prevalence of sausages allergy in children from sarajevo
Adnan Bajraktarevic 1,*, Milan Miokovic 1, Andrea Kurilic Pahor 1, Nermina Perva 1, Ismet Suljevic 2, Amra Dzinovic 2, Teodora Frankic 4, Edina Redzic 4, Aida Djulepa Djurdjevic 6, Lutvo Sporisevic 6
1Pediatrics Department, Public Health Institution of Health Center Sarajevo, 2Biochemistry Department, Clinical Medical Center Sarajevo, 3Pediatrics allergology Department, Pediatrics Clinic, 4Department for Clinical Pharmacology, Pharmacy Faculty Sarajevo, 5Pediatrics Department, General Hospital Sarajevo, 6Pediatrics Department, First Medical Aid Sarajevo, Sarajevo, Bosnia and Herzegovina

PS02-028 Histological changes in the small intestine and mucosal nitrooxide production in food intolerance children
Nelli Prikhodchenko 1,*, Tatiana Shumatova 1, Lamara Grigoryan 1
1Vladivostok medical university, Vladivostok, Russian Federation

PS02-029 Folate metabolism and folate gene polymorphism in food intolerance children
Nelli Prikhodchenko 1,*, Tatiana Shumatova 1
1Vladivostok medical university, Vladivostok, Russian Federation

PS02-030 The analysis of system and local tumors necrosis factor alpha production in food allergy children and immunno-genetic mechanisms of its regulation
Nelli Prikhodchenko 1,*, Tatiana Shumatova 1
1Vladivostok medical university, Vladivostok, Russian Federation

PS02-031 From pollinosis to digestive allergy
Luljeta Neziri-Ahmetaj 1,*, Arber Neziri 1, Kokollari Fatime 1
1Allergology and Immunology, O.Sh.Ylli, Prishtina, Serbia

PS02-032 Oral allergy syndrome case report
Zsuzsanna Nagy 1
1Dermatology, Jósa András Teaching Hospital, Nyíregyháza, Hungary

PS02-033 Near fatal anaphylaxis at general anesthesia in a 11 year old boy
Magnus Wickman 1,*, Lene Heise Garvey 2, Marianne Mörrby Ramberg 3
1Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2Danish Anaesthesia Allergy Centre, Copenhagen University Hospital, Gentofte, Denmark, 3Deptm of Anaesthetiology, South General Hospital, Stockholm, Sweden

PS02-034 Immunotherapy protocol with extensively heated milk/egg: preliminary results
Francesca Lazzarotto 1,*, Roberta Bonaguro 1, Alice Toniolo 1, Maria Antonella Muraro 1
1Department of Pediatrics-University of Padua, Italy, Food Allergy Centre-Veneto Region, Padua, Italy

PS02-035 Incidence and potential risk factors of post-transplant food allergy in paediatric liver and renal transplant recipients
Ruth De Bruyne 1,*, Melissa Dullaers 2, Stephanie Van Biervliet 1, Saskia Vande Velde 3, Ann Raes 4, Philippe Gevaert 5, Myriam Van Winckel 3
1Department of Paediatric Gastroenterology, Hepatology and Nutrition, 2Department of Pulmonary Medicine, Ghent University Hospital, 3Department of Paediatric Gastroenterology, Hepatology and Nutrition, 4Department of Paediatric Nephrology, 5Department of Otorhinolaryngology, Ghent University Hospital, Ghent, Belgium

PS02-036 Food allergy in Venezuelan scholar children
Puccio Alis Franca 1,*, Domenico Cifarelli 1, Elianska Lopez 1, Luis Sarmiento 1, Lissette Machado 1, Ghezzi Maria 1
1Lab immunopatologia, Instituto de Biomedicina UCV, Caracas, Venezuela, Bolivarian Republic Of
PS02-037  Food Hypersensitivity among Asthmatic Children – single center experience
Saad S Alani 1, Suleiman Al-Hammadi 2,*
1Pediatrics, Khorfakkan Hospital, Khorfakkan, 2Pediatrics, College of Medicine and Health Sciences, UAE
University, Al-Ain, United Arab Emirates

PS02-038  Suboptimal care of peanut allergic children in Germany concerning professional dietary advice
and the supply of self-injectable epinephrine
Valérie Trendelenburg 1,*; Katharina Blümchen 1, Frank Ahrens 2, Armin Gruebl 3, Eckard
Hamelmann 4, Gesine Hansen 5, Andrea Heinzmann 6, Katja Nemat 7, Bodo Niggemann 8, Kirsten
Beyer 1
1Dept. of Pediatric Pneumology and Immunology, Charité University Medicine, Berlin, 2Children’s Hospital
“Altona”, Hamburg, 3Dept. of Pediatrics, Technical University Munich, Munich, 4Dept. of Pediatrics, Ruhr-
University Bochum, Bochum, 5Dept. of Pediatric Pneumology, Allergology and Neonatology, Hannover
Medical School, Hannover, 6Center for Pediatrics and Adolescent medicine, University of Freiburg,
Freiburg, 7Dept. of Pediatrics, University Hospital Carl Gustav Carus, Technical University of Dresden,
Dresden, 8Pediatric Allergology and Pneumology, German Red Cross Hospital Westend, Berlin, Germany

12:30 - 14:30  Epidemiology of Food Allergy

PS04-059  Frequency of LTP (Pru p 3) and profilin (Pru p 4) sensitization in 1052 patients referenced to an
Imunoallergology Department in Lisbon
Pedro Morais Silva 1,*; Leticia Pestana 1, Ana Celia Costa 1, Manuel Pereira Barbosa 1
1Imunoallergology, Hospital de Santa Maria, Lisboa, Portugal

PS04-060  Food allergy and non-allergic diseases among university students in Yerevan sity, Armenia.
Zaruhi Gevorg Kalikyan 1,*; Spartak Gambarov 1
1Allergology, Yerevan State Medical University after Mkhitar Heratsi, Yerevan, Armenia

PS04-061  The prevalence of IgE-dependent food allergy in asthmatic children.
Aneta Krogulska 1,*; Jakub Białek 1, Marzena Funkowicz 1, Krystyna Wasowska-Królikowska 1
1Department of Pediatric Allergology, Gastroenterology and Nutrition, Medical University Lodz, Poland,
Łódź, Poland

PS04-062  Prevalence of food sensitization in children
Lucilla Pascolini 1,*; Alessandro Buonomo 1, Amira Colagiovanni 1, Valentina Pecora 1, Angela Rizzi 1,
Arianna Aruanno 1, Giulia Ricci 1, Alessia Di Rienzo 1, Simona Mezzacappa 1, Michele Centrone 1,
Eleonora Nucera 1, Domenico Schiavino 1
1Allergy Department, Catholic University, Rome, Rome, Italy

PS04-063  Anisakis simplex hypersensitivity in central and southern Italy: clinical features
Amira Colagiovanni 1,*; Michele Centrone 1, Alessandro Buonomo 1, Angela Rizzi 1, Arianna
Aruanno 1, Lucilla Pascolini 1, Giulia Ricci 1, Alessia Di Rienzo 1, Simona Mezzacappa 1, Eleonora
Nucera 1, Domenico Schiavino 1
1Allergy department, Policlinico A.Gemelli, Roma, Italy

PS04-064  Food hypersensitive in patients treated with specific allergen immunotherapy (SIT) for
aeroallergens
Jacek Gocki 1,*; Zbigniew Bartuzi 1
1Allergy, Clinical Immunology and Internal Diseases, Collegium Medicum. University Nikolaus Copernicus,
Bydgoszcz, Poland
PS04-065 Influence of specific allergy immunotherapy (SIT) for aeroallergens on coexisting food hypersensitivity
Jacek Gocki 1*, Zbigniew Bartuzi 1
1Allergy, Clinical Immunology and Internal Diseases, Collegium Medicum. University Nikolaus Copernicus, Bydgoszcz, Poland

PS04-066 Food allergy in adults: the experience of a center in the North of Portugal
Mariana Couto 1, Alice Coimbra 2*, Diana Silva 2, Natacha Santos 2, Ana Pereira 3, José Luís Plácido 2
1Serviço de Imunoalergologia, Centro Hospitalar São João EPE; Immunology, Faculty of Medicine, University of Porto, 2Serviço de Imunoalergologia, Centro Hospitalar São João EPE, 3Serviço de Imunoalergologia, Centro Hospitalar São João EPE; Health Information and Decision Sciences Department Faculty of Medicine, University of Porto, Porto, Portugal

PS04-067 Five Great Food Clusters of specific IgG for 44 common food antigens. A new approach to the epidemiology of food allergy
Attilio Francesco Speciani 2*, Jacopo Soriano 1, Michela Carola Speciani 3, Gabriele Piuri 3
1Department of Statistical Science, Duke University, Durham, NC, United States, 2Food allergy department, GEK srl, 3SMA srl, Milano, Italy

PS04-068 Reported characteristics of children referred from primary care to pediatric allergy specialist care
Thecla M Brakel 1*, Bertine M. J. Flokstra-de Blok 1, Janneke N. G. Oude Elberink 2, Marie Louise A. Schutteelaar 3, Wianda A. Christoffers 3, Emmy M. Roerdink 4, Thys van der Molen 1, Anthony Ewoud J. Dubois 4
1Department of General Practice, 2Department of Allergology, 3Department of Dermatology, 4Department of Pediatric Pulmonology and Pediatric Allergy, University Medical Center Groningen, Groningen, Netherlands

PS04-069 Food sensitisation is associated with abnormal liver function in adults: sex difference
Ivy Shiue 1*
1The Institute for Behavioral Research, University of Georgia, Athens, United States

PS04-070 Urinary cadmium, arsenic, pesticide, and phthalate concentrations are associated with food sensitisation: US NHANES, 2005-2006
Ivy Shiue 1*
1The Institute for Behavioral Research, University of Georgia, Truro, United Kingdom

PS04-071 Profile of sensitization to sunflower seed in a large population highly exposed
Mª Luisa Macías 1*, Ana Aranda 1, Francisca Gómez 2, Natalia Blanca-López 2, Elena Seoane 3, Gabriela Canto 3, Jose Luis Rodríguez-Bada 1, Leticia Tordesillas 4, Araceli Díaz-Perales 4, Miguel Blanco 2
1Allergy, Firmabis, 2Allergy, Hospital Carlos Haya, Málaga, 3Allergy, Hospital Infanta Leonor, 4Biotechnology, Center for Plant Biotechnology and Genomics, Madrid, Spain

PS04-072 Shrimp allergy: clinical characteristics and food challenge outcome in a centre in the North of Portugal
Alice Coimbra 1*, Linda Cruz 1, Jose Ferraz Oliveira 1
1Serviço de Imunoalergologia, Centro Hospitalar São João, Porto, Portugal
PS04-073  A system of surveillance of anaphylaxis: a direct connection between Emergency Department and Allergy Unit
Paola Minale 1,*, Donatella Bignardi 2, Susanna Voltolini 3, Paola Dignetti 4, Matteo Caiiti 4, Roberto Lerza 5
1allergy unit, IRCCS azienza ospedaliera san martino, savona, 2allergy unit , IRCCS az ospedaliera san martino, 3allergy unit, IRCCS az san martino, genova, 4emergency dept, 5emergency department, ospedale san paolo, savona, Italy

PS04-074  Fennel (Phoeniculum vulgare) allergy
Maria Filomena Caiaffa 1,*, Anna Bellotti 1, Alessandra De Serio 1, Luciana d’Elia 1, Andrea Nico 2, Anita Lotti 2, Lucia Giliberti 2, Luigi Macchia 2
1Department of Allergology and Clinical Immunology, University of Foggia, Foggia, 2Department of Allergology and Clinical Immunology, University of Bari, Bari, Italy

PS04-075  Allergy to pomegranate and artichoke, novel food allergens of the Mediterranean diet
Luigi Macchia 1,*, Lucia Anna Giliberti 1, Anita Lotti 1, Maria-Pia Rossi 1, Georgios Kourtis 1, Elisabetta Damiani 1, Antonio Ferrannini 1, Annaincoronata Bellotti 2, Luciana D’Elia 2, Andrea Nico 1, Maddalena Vacca 1, Maria Filomena Caiaffa 2
1Allergology and Clinical Immunology, University of Bari - Aldo Moro, Bari, 2Allergology and Clinical Immunology, University of Foggia, Foggia, Italy

PS04-076  Evaluation of the Frequency and Severity of Seasonal Allergic Rhinoconjunctivitis Caused by Grass Pollen in Children with Hazelnut Sensitization
Ozlem Cavkaytar 1,*, Betul Buyuktiryaki 1, Ilginc Kizilpinar 1, Ebru Arik Yilmaz 1, Ayfer Tuncer 1, Cansin Sackesen 1
1Department of Pediatric Allergy and Asthma, Hacettepe University Medical Faculty, Ankara, Turkey

PS04-077  The prevalence of food allergy among Aboriginal people in Canada
Lianne Soller 1,*, Megan Knoll 1, Moshe Ben-Shoshan 1, Daniel W Harrington 2, Joseph Fragapane 1, Lawrence Joseph 1, Yvan St. Pierre 1, Yvan St. Pierre 1, Sebastien La Vieille 3, Kathi Wilson 2, Susan J Elliott 4, Ann E Clarke 1
1McGill University, Montreal, 2University of Toronto, Toronto, 3Health Canada, Ottawa, 4University of Waterloo, Waterloo, Canada

12:30 - 14:30  Management of Food Allergy

PS07-122  Successful oral desensitization in a teenage boy with severe cow’s milk allergy
Zeynep ulker Tamay 1,*, Behruz Aliyev 2, Fatih Dilek 3, Nermin Guler 1
1Department of Pediatric Allergy and Immunology, 2Department of Pediatrics, Istanbul Medical Faculty, 3Department of Pediatrics, Ethica Incirli, Istanbul, Turkey

PS07-123  Adrenaline auto-injector devices: do current prescription and training measures work?
Saima Alam 1,*, Bogusia Kasternow 1, Joanna Lukawska 1, Christopher Corrigan ‘Guy’s and St Thomas’ NHS Trust
1Allergy, Guy’s and St Thomas’ NHS Trust, London, United Kingdom
PS07-124  Is Molecular Allergology Cost-Effective And Cost Saving In Children With Suspected Peanut Allergy Compared To Double Blind Placebo Controlled Food Challenge (DBPCFC), Open Oral Food Challenge And Skin Prick Test In Sweden?
Susanne Glaumann 1,*, Lisse-Lotte Hermansson 2, Barbara Mascalino 2, Gijs Hubben 3, Magnus P Borres 1, 4, Caroline Nilsson 1
1Department of Clinical Science and Education, Södersjukhuset, Karolinska Institutet, Stockholm, 
2Thermo Fisher Scientific, Uppsala, Sweden, 3BaseCase Software, Berlin, Germany, 4Department of Paediatrics, Sahlgrenska Academy of Gothenburg University, Gothenburg, Sweden

PS07-125  Athelier with cronic allergic patients: a therapeutic educational approach
Celina Stafie 1,*, Food Allergy, Cluj, Romania
1Allergology and Clinical Immunology, University of Medicine Gr.T.Popas Iasi, IASI, Romania

PS07-126  Preferences and satisfaction of food allergy sufferers using Internet resources
Andreas Arens 1,*, Sabine Schnadt 2, Frank Feidert 2, Ralph Mösges 3, Petra Schmalz 4, Norbert Rösch 1
1CR SANTEC, Public Research Centre Henri Tudor, Luxembourg, Luxembourg, 2German Allergy and Asthma Association, Mönchengladbach, Germany, 3ORL-Eich, Centre Hospitalier de Luxembourg, Luxembourg, Luxembourg, 4IMSIE, University Hospital of Cologne, Cologne, Germany

PS07-127  Advisory warning labels: what do dietitians advise parents of food-allergic children?
Paul Turner 1,*, Adam Fox 2
1Paediatric Allergy & Immunology, Imperial College London, 2Allergy Academy, Kings College London, London, United Kingdom

PS07-128  Effects of dietary counselling on protein intake and plasmatic protein profile in children with food allergy
Enza D’auria 1,*, Piercarlo Poli 1, Francesco di Dio 1, Giovanni Radaelli 2, Alessandra Barassi 3, Marcello Giovannini 1
1Department of Pediatrics, San Paolo Hospital, 2Unit of Medical Statistics, San Paolo Hospital, 3Department of Health Sciences, University of Milan, Milan, Italy

PS07-129  Applicability of a real-time PCR system to verify labelling compliance of nut allergens in chocolates
Joana Costa 1,*, M B P Oliveira 1, Isabel Mafra 1
1REQUIMTE, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Porto, Portugal

PS07-130  Online self management training for patients with food allergy
Harmieke Van Os-Medendorp 1,*, Anouska Michelsen 1, Marieke Prong-Kleinjan 1, André Knulst 1
1dermatology & allergology, UMC Utrecht, Utrecht, Netherlands

PS07-131  Peanut allergy in France: preliminary results of the MIRABEL pilot study
Van Mai Nguyen-Grosjean 1, 2,*
1Allergy Vigilance Network, VANDOEUVRE LES NANCY, 2Allergy department, Hospital E Dürkheim, Epinal, France

PS07-132  Characterization of an extensively hydrolyzed whey infant formula with a low bitterness
Monika Rapp 1, Christine Martin-Paschoud 2, Sophie Nutten 2, Carine Blanchard 2, Alexandre Panchaud 2, Anette Jarvi 3, Martinas Kuslys 3
1Nestlé PTC Konolfingen, Konolfingen, 2Nestlé Research Center, Lausanne, 3Nestle Health Science S.A, Lutry, Switzerland
PS07-133 Can Cow's milk allergic children on an elimination diet have a nutritional intake comparable to non-allergic children?
Alice Toniolo 1,*, Chiara Zorzin 1, Maria Antonella Muraro 1, Roberta Bonaguro 1, Francesca Lazzarotto 1
1Department of Pediatrics - University of Padua, Food Allergy Centre – Veneto Region, Padua, Italy

PS07-134 Frequency, severity and causes of unexpected allergic reactions to food, a systematic literature review
Astrid Versluis 1,*, André Knulst 1, Astrid Kruizinga 2, Anouska Michelsen 1, Geert Houben 2, Joe Baurnert 3, Harmieke Van Os-Medendorp 1, 1
1dermatology & allergology, UMC Utrecht, Utrecht, 2TNO, Zeist, Netherlands, 3Food Science and technology department, University of Nebraska-Lincoln, Lincoln, United States

PS07-135 First results of MIRABEL: a research program to develop tools for risk and cost/benefit analysis of peanut allergy
Amélie Crépet 1,*, Chabi Fabrice Elegbede 1, Stéphan Marette 2, Denise-Anne Moneret-vautrin 3, Alexandra Papadopoulos 1, Jutta Roosen 4
1DER, ANSES, Maisons-Alfort, 2Public economy, INRA, Thiverse-Grignon, 3Allergo-vigilance Network, Vandoeuvre Les Nancy, France, 4TUM, München, Germany

PS07-136 Development of a food allergy educative program: In-person vs Online
Javier Contreras-Porta 1,*, Armando Ruiz-Baqués 2, Francisca Capel 3, Montserrat Ariño 4, Arpil Zorrozua 5
1La Paz University Hospital, Madrid, 2Autonomous University of Barcelona, Topping Medical Research, Barcelona, 3AEPNAA, Spanish Association of Food and Latex Allergy, Madrid, 4Imunititas Vera, Catalanian Association of Food and Latex Allergy, Barcelona, 5Elkalte, Basque Association of Food Allergy, Bilbao, Spain

PS07-137 Sample size optimisation when designing sampling plan for risk assessment relating to adventitious presence of allergens in food
Chabi Fabrice Elegbede 1,*, Alexandra Papadopoulos 1, Amélie Crépet 1
1UMERPC, ANSES, Maisons-Alfort, France

PS07-138 The economic impact of childhood food allergy in the United States
Ruchi S Gupta 1,2,*, David A Holdford 3, Lucy A Bilaver 1, Ashley Dyer 1, David Meltzer 4
1Northwestern University Feinberg School of Medicine, 2Ann & Robert H. Lurie Children’s Hospital of Chicago, Chicago, 3Virginia Commonwealth University School of Pharmacy, Richmond, 4University of Chicago, Chicago, United States

PS07-139 Secondary prevention of peanut allergy - continuous feeding or restriction of peanut protein
Johanna Bellach 1,*, Bodo Niggemann 2, Kirsten Beyer 1, Birgit Ahrens 1
1Department of Pediatrics, Division of Pneumology and Immunology, Charité Universitätsmedizin, 2Department of Pediatrics, DRK-Kliniken Westend, Berlin, Germany

PS07-140 The quality of life of university students with food allergy in Yerevan sity, Armenia
Zaruhi Gevorg Kalikyan 1
1Allergology, Yerevan State Medical University after Mkhitar Heratsi, Yerevan, Armenia

PS07-141 Legume Allergy: clinical threshold doses in legume-allergic individuals
Benjamin C. Remington 1, W. Marty Blom 1,*, Geert F. Houben 2,3, André C Knulst 3, Joseph L. Baumert 1, Steve L. Taylor 1
1Food Allergy Research & Resource Program, Department of Food Science & Technology, University of Nebraska-Lincoln, Lincoln, NE, United States, 2Food and Nutrition, TNO, Zeist, 3Department of Dermatology/Allergology, University Medical Center Utrecht, Utrecht, Netherlands
PS07-142 Multicenter validation of a mouse model for cow’s milk allergy to assess the allergenicity of hydrolysed cow’s milk based infant formulae
Betty C A M van Esch 1, 2, Jolanda Hubertina Maria Van Bilsen 3,*, Prescilla V Jeurink 2, Johan Garssen 1, 2, Kitty C M Verhoeckx 3, Joost J Smit 4, Raymond H H Pieters 4, Leon M J Knippels 1, 2
1Utrecht Institute for Pharmaceutical Sciences, Utrecht, 2Danone research Centre for Specialised Nutrition, Wageningen, 3TNO, Zeist, 4Institute for Risk Assessment Sciences, Utrecht, Netherlands

PS07-143 Unexpected allergic reactions to food, a prospective study
Anouska Michelsen 1,*, Harmieke van Os-Medendorp 1, Astrid Versluis 1, Astrid Kruizinga 2, Jacqueline Castenmiller 3, Hub Noteborn 3, Geert Houben 2, André Knulst 1
1Dermatology and Allergology, UMC Utrecht, Utrecht, 2Netherlands Organisation for Applied Scientific Research, Zeist, 3Dutch Food and Consumer Product Safety Authority, Utrecht, Netherlands

PS07-144 Development of a novel system based on single-tube nested real-time pcr system for the quantification of hazelnut in complex foods
Joana Costa 1,*, M B P P Oliveira 1, Isabel Mafra 1
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PS07-145 Parental Knowledge, Attitudes and Beliefs regarding Food Allergy in the Netherlands – a Cross-Cultural Comparison with the USA
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