

Scientific Committee

*I. Ansotegui, S. Bonini, G.W. Canonica, A. Fiocchi, P. Rossi,  
M. Sanchez Borges, A. Martelli*

# WAO Symposium

Hot Topics in Allergy: Pediatric and Regulatory Aspects



## ROME/VATICAN CITY

27-29 April, 2017 - Rome, Italy/Vatican City

A MEETING OF THE WORLD ALLERGY ORGANIZATION



**ROMA EVENTI - Fontana di Trevi  
Piazza della Pilotta, 4**

event  
organized by



**BIO MEDIA**  
The sharing of knowledge





27-29 April, 2017 - Rome, Italy/Vatican City



## SPEAKERS & MODERATORS

- Aiuti Alessandro** (Milan, Italy)  
**Andria Generoso** (Naples, Italy)  
**Ansotegui Ignacio** (Erandio, Spain)  
**Assa'ad Amal** (Cincinnati, USA)  
**Awad El-Sayed Zeinab** (Cairo, Egypt)  
**Bacharier Leonard** (Washington, USA)  
**Berni Canani Roberto** (Naples, Italy)  
**Bonini Sergio** (Rome, Italy)  
**Boyle Robert** (London, UK)  
**Brozek Jan** (Hamilton, USA)  
**Caminati Marco** (Verona, Italy)  
**Canonica Giorgio Walter** (Genoa, Italy)  
**Caraballo Luis** (Cartagena, Colombia)  
**Chippis Brad E.** (Sacramento, CA, USA)  
**Cianferoni Antonella** (Philadelphia, USA)  
**Cicalese Maria Pia** (Naples, Italy)  
**Corsello Giovanni** (Palermo, Italy)  
**Cosmi Lorenzo** (Florence, Italy)  
**Cutrerá Renato** (Rome, Italy)  
**Dahdah Lamia Antanios** (Rome, Italy)  
**Dallapiccola Bruno** (Rome, Italy)  
**Dall'Oglio Luigi** (Rome, Italy)  
**De Angelis Paola** (Rome, Italy)  
**Dupont Christophe** (Paris, France)  
**Ebisawa Motohiro** (Kanagawa, Japan)  
**Eichler Hans-Georg** (London, UK)  
**El Gamal Yehia** (Cairo, Egypt)  
**Fineman Stanley** (Marietta, USA)  
**Fiocchi Alessandro** (Rome, Italy)  
**Garssen Johan** (Utrecht, NL)  
**Gasbarrini Giovanni** (Rome, Italy)  
**González-Díaz Sandra Nora** (Monterrey, Mexico)  
**Greenberger Paul** (Chicago, USA)  
**Herz Udo** (Frankfurt Am Main, Germany)  
**Hossny Elham** (Cairo, Egypt)  
**Indinnimeo Luciana** (Rome, Italy)  
**Isolauri Erika** (Turku, Fin)  
**Jenkner Alessandro** (Rome, Italy)  
**Jensen-Jarolim Erika** (Vienna, Austria)  
**Martelli Alberto** (Milan, Italy)  
**Morais-Almeida Mario** (Lisbon, Portugal)  
**Moretta Lorenzo** (Rome, Italy)  
**Muraro Antonella** (Padua, Italy)  
**Ortega-Martell José Antonio** (Pachuca, Mexico)  
**Papadopoulou Nikos** (Manchester, UK)  
**Passalacqua Giovanni** (Genoa, Italy)  
**Pawankar Ruby** (Tokyo, Japan)  
**Pecora Valentina** (Rome, Italy)  
**Peroni Diego** (Pisa, Italy)  
**Piacentini Giorgio** (Verona, Italy)  
**Putignani Lorenza** (Rome, Italy)  
**Rasi Guido** (London, UK)  
**Rastall Bob** (Reading, UK)  
**Restani Patrizia** (Milan, Italy)  
**Ricci Giampaolo** (Bologna, Italy)  
**Romano Antonino** (Rome, Italy)  
**Rosenwasser Lanny** (Kansas City, USA)  
**Rossi Paolo** (Rome, Italy)  
**Saito Hirohisa** (Tokyo, Japan)  
**Sanchez Borges Mario** (Trinidad Caracas, Venezuela)  
**Sato Sakura** (Kanagawa, Japan)  
**Schünemann Holger Jens** (Hamilton, Canada)  
**Staiano Annamaria** (Naples, Italy)  
**Sublett James** (Louisville, USA)  
**Szajewska Hania** (Warsaw, Poland)  
**Tanno Luciana** (Montpellier, France)  
**Tilles Stephen** (San Diego, California)  
**Tozzi Alberto Eugenio** (Rome, Italy)  
**Valluzzi Rocco** (Rome, Italy)  
**Van Ree Ronald** (Amsterdam, NL)  
**Vesely Richard** (London, UK)  
**Vieths Stefan** (Frankfurt Am Main, Germany)  
**Villani Alberto** (Rome, Italy)  
**Wong Gary** (Hong Kong, China)  
**Zernotti Mario** (Cordoba, Argentina)  
**Ugazio Alberto Giovanni** (Rome, Italy)

# PROGRAMME

**Thursday, April 27th, 2017**

- 08.30      **SESSION 1**  
**Allergic disease: biological facts**  
**Chairpersons: Bruno Dallapiccola, Giovanni Gasbarrini**
- 08.30-08.50      The genetic basis of allergic responses  
*Luis Caraballo*
- 08.50-09.10      Prenatal and early life factors impact on the gut microbiome and the development of asthma in childhood  
*Leonard Bacharier*
- 09.10-09.30      The allergic sensitization from innate to adaptive immunity  
*Lorenzo Cosmi*
- 09.30-09.50      Discussion
- 09.50-10.30      **Meeting opening address**  
**Mario Sanchez Borges, Paolo Rossi, Sergio Bonini, Antonella Muraro, Stephen Tilles, Alberto Villani, Marzia Duse, Renato Cutrera, Giorgio Walter Canonica, Bruno Dallapiccola, Mariella Enoc, Massimiliano Raponi**
- 10.30-10.55      **Chairperson: Walter Canonica**  
**Lecture: NK cells and other ILCs**  
**Lorenzo Moretta**
- 11.00      **SESSION 2**  
**Controversies in allergy prevention**  
**Chairpersons: Giovanni Corsello, Holger Schünemann**
- 11.00-11.20      Will pro- and prebiotics reduce the burden of allergic disease?  
The GLAD P guidelines  
*Ruby Pawankar*
- 11.20-11.40      Are fatty acids able to reduce the burden of wheeze and asthma?  
*Erika Isolauri*
- 11.40-12.00      Hydrolyzed infant formulas: do they reduce the risk of allergic disease?  
*Robert Boyle*
- 12.00-12.20      Discussion
- 12.20-12.45      **Chairperson: Yehia El Gamal**  
**Lecture: The allergy epidemics. Where are we?**  
**Ignacio Ansotegui**

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- 13.00-14.00 **Lunch break – Danone satellite symposium\***  
**The Power of Synbiotics in Allergy and Immunity**  
**Chairpersons: Roberto Berni Canani, Udo Herz**
- Early development of the immune system, environmental exposure and nutrition  
*Nikos Papadopolous*
- Microbiota, allergy, and fitness of the immune system – what is the connection?  
*Johan Garssen*
- Prebiotics, probiotics and synbiotics; an evolution to a modern day concept  
*Bob Rastall*

14.00 **SESSION 3**  
**Controversies in food allergy**  
**Chairpersons: Sakura Sato, Annamaria Staiano**

- 14.00-14.20 Controversies of peanut allergy prevention  
*Gary Wong*
- 14.20-14.40 Controversies of egg allergy prevention  
*Hirohisa Saito*
- 14.40-15.00 Does OIT accelerate the resolution of food allergy?  
*Valentina Pecora*
- 15.00-15.20 Discussion

- 15.30-15.55 **Chairperson: Ignacio Ansotegui**  
**Lecture: Chronic Urticaria in Childhood**  
**Mario Sanchez Borges**

16.00 **SESSION 4**  
**Controversies in pediatric asthma**  
**Chairpersons: Leonard Bacaharier, Zeinab Awad El-Sayed**

- 16.00-16.20 Topical steroids should be used continuously  
*Giorgio Piacentini*
- 16.20-16.40 Topical steroids should be used intermittently  
*Brad E. Chipps*
- 16.40-17.00 What is really effective treatment for children with moderate to severe asthma  
*Paul Greenberger*
- 17.00-17.20 Discussion

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17.30-17.55 **Chairpersons: Salvatore Tripodi**  
**Lecture: Innovation in pediatric allergy medicine**  
**Alberto Eugenio Tozzi**

17.55-18.25 **Chairperson: Motohiro Ebisawa**  
**Lecture: EBM in allergy diagnosis and treatment**  
**Jan Brozek**

## Friday, April 28, 2017

08.00 **Chairperson: Giovanni Alberto Ugazio**  
**Lecture: Towards the new DRACMA guidelines: open questions in CMA \***  
**Alessandro Fiocchi**

08.30 **SESSION 5**  
**Controversies in allergen immunotherapy**  
**Chairpersons: Stan Fineman, Giampaolo Ricci**

08.30-08.50 Immunotherapy should be a regular drug  
*Walter Canonica*

08.50-09.10 Immunotherapy should remain a compounded allergen mixture  
*Stephen Tilles*

09.10-09.30 SLIT or SCIT, that is the question  
*Gianni Passalacqua*

09.30-09.50 Discussion

10.00 **SESSION 6**  
**Controversies in cow's milk allergy (DRACMA session)**  
**Chairpersons: J. A. Ortega-Martell, Amal Assa'ad**

10.00-10.20 Milk intolerance: does it exist?  
*Alberto Martelli*

10.20-10.40 Hydrolyzed CM formulae will keep the leadership among milk substitutes\*  
*Udo Herz*

10.40-11.00 Non CM (rice & AA formulae) will replace Hydrolyzed CM formulae  
*Lamia Dahdah*

11.00-11.20 Discussion

\*Not included in Continuing Medical Education programme

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- 11.30-11.55 **Chairperson: Alessandro Fiocchi**  
**Lecture: DRACMA - Update & perspectives**  
**Holger Jens Schönemann**
- 12.00-13.00 **Lunch break - DBV satellite symposium\***  
**Investigational Epicutaneous Immunotherapy:  
Scientific Innovation in Food Allergies**  
**Chairperson: Antonella Cianferoni**  
The Unique Immune Properties of the Skin  
*Christophe Dupont*  
Clinical Data Update for Viaskin® Peanut  
*Stanley Fineman*
- 13.00 **SESSION 7**  
**Controversies in pediatric asthma**  
**Chairpersons: Luciana Indinnimeo, Leonard Bacharier**
- 13.00-13.20 Should systemic steroids be used in preschool children with recurrent wheezing?  
*Elham Hossny*
- 13.20-13.40 Tiotropium in pediatric asthma  
*Renato Cutrera*
- 13.40-14.00 Role of FeNO in pediatric asthma  
*Jim Sublett*
- 14.00-14.20 Discussion
- 14.30 **SESSION 8**  
**Controversies in eosinophilic diseases**  
**Chairpersons: Luigi dall'Oglio, Paola De Angelis**
- 14,30-14.50 Eosinophilic chronic rhinosinusitis and eosinophilic otitis media, new targets to biologics?  
*Mario Zernotti*
- 14.55-15,10 EoE may be treated with elimination diet  
*Antonella Cianferoni*
- 15.10-15.30 EoE as target for biologics  
*Amal Assa'ad*
- 15.30-15.50 Discussion

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16.00 **Chairperson: Ruby Pawankar**  
**Lecture: Food labeling and safety of allergic consumers: where are we?**  
**Patrizia Restani**

16.40 **SESSION 9**  
**Probiotics in allergy**  
**Chairpersons: Lorenza Putignani, Diego Peroni**

16.40-17.00 Allergy & microbiota modulation strategies  
*Hania Szajewska*

17.00-17.20 Primum non nocere: possible side affects of allergy treatments  
*Rocco Valluzzi*

17.20-17.40 Adjuvants in AIT: the good, the bad, the ugly  
*Erika Jensen-Jarolim*

17.40-18.00 Discussion

17.30 **Chairperson: Antonino Romano**  
**Lecture: Drug allergy in adults and children**  
**Sandra Nora Gonzalez-Diaz**



**Saturday, April 29th, 2017**

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## ***Regulatory Aspects of Immunotherapy and Biologics***

***Chairperson: Mario Sanchez Borges***

09.00-09.30 **Keynote lecture: EMA initiatives to foster innovation: focus on allergen immunotherapy and biologics**  
*Guido Rasi*

09.30 **SESSION 10**  
**Allergen products. Regulatory aspects**  
***Chairpersons: Generoso Andria, Sergio Bonini***

09.30-09.50 ICD-11 - towards the new classification of allergic diseases  
*Luciana Tanno*

09.50-10.10 Regulatory aspects of immunotherapy  
*Stefan Vieths*

10.10-10.30 Can adaptive licensing facilitate marketing authorization of allergen products?  
*Sergio Bonini, Hans-Georg Eichler*

10.30-11.00 Discussion

11.00-11.30 Break

**SESSION 11**  
**Allergen products. Clinical Aspects**  
***Chairpersons: Ignacio Ansotegui, Ronald Van Ree***

11.30-11.50 Allergy diagnosis. Will in vitro replace in vivo tests?  
*Motohiro Ebisawa*

11.50-12.10 Allergen immunotherapy. An evidence-based EAACI Task Force  
*Antonella Muraro*

12.10-12.30 Pediatric Investigational Plans for allergen immunotherapy in children  
*Alessandro Jenkner*

12.30-13.00 Discussion

# PROGRAMME

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- 14.00            **SESSION 12**  
**Biologics, Biosimilars... and more**  
**Chairpersons: Marco Caminati, Morais-Almeida Mario**
- 14.00-14.20    Targets for biologics  
*Lanny Rosenwasser*
- 14.20-14.40    Regulatory aspects of biologics & biosimilars  
*Carlo Pini*
- 14.40-15.00    Biomarkers for allergen immunotherapy and biologics  
*Richard Veselý*
- 15.00-15.20    New advanced therapies for primary immunodeficiencies  
*Alessandro Aiuti, Maria Pia Cicalese*
- 15.20-15.40    Discussion
- 15.40-16.20    **PANEL DISCUSSION**  
**Allergen immunotherapy, Biologics and Biosimilars in the World**  
**Chairpersons: Stephan Vieths, Elham Hossny**  
*Paul Greenberger; Hirohisa Saito; Ruby Pawankar; Ronald Van Ree, Mario Morais-Almeida, Sandra Gonzalez-Diaz*
- 16.20-16.30    **Summing-up**  
*Sergio Bonini*

# GENERAL INFORMATION

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## MEETING VENUE

ROMA EVENTI - Fontana di Trevi  
Piazza della Pilotta, 4 - 00187 Roma - Italia  
Tel. +39 (06) 67015176-5177  
Fax: + 39 (06) 67015178  
e-mail: [trevi@roma-eventi.com](mailto:trevi@roma-eventi.com)  
[www.roma-eventi.com/](http://www.roma-eventi.com/)

## DESTINATION AND MANAGEMENT AGENCY

e.mail: [biomediatravel@biomedia.net](mailto:biomediatravel@biomedia.net)

## REGISTRATION

Please fill the registration form on the website <http://www.worldallergy.org/rome2017/>

## REFUND POLICY

A 50% processing fee is deducted for cancellation.  
Refund requests must be received by regular mail, e-mail or fax 15 days before the event.  
No refunds will be made thereafter.

## REGISTRATION FEE

Physicians	€ 500,00 (VAT included)
Allied Health (nurses, midwives, dietitians, medical students, & Junior members (doctors in training under 35)	€ 250,00 (VAT included)

## CERTIFICATE OF ATTENDANCE

All registered participants will receive a certificate of participation.  
The certificate will not be delivered on paper but must be printed by the participant from April 28 via the website [www.biomedia.net](http://www.biomedia.net). (area My login)

## EUROPEAN ACCREDITATION

**N.12** European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME)

- 001.** Clinical trial to evaluate the safety of camel milk intake in patients with cow's milk protein allergy  
*L.A. Ríos, C.R. Alcover (Mexico), E. Navarrete, B.E. Del Rio, V. Gonzalez, B. Velasco, H. Perez, R.J. Fernandez, F.C. Pozo*
- 002.** Prevalence of allergic symptoms with respect to age and socio-economics: a hospital-based case study among the population of west Bengal, India  
*P. Karak (India), N. Pandey, A. Chakraborty, K. Bhattacharya*
- 003.** Weaning in Italy between Myths and Reality  
*G. Rumi (Italy)*
- 004.** Prevalence of Anaphylaxis among children 3 to 18 years old in Kuwait  
*A.J. Farhan (Kuwait), H. Arshad, A. Hussain*
- 005.** Safety and efficacy of SLIT in children with an allergic asthma and a high level of IgE  
*O. Sharikadze (Ukraine), O. Okhotnikova, J. Alcover, D. Rodriguez, F. Pineda*
- 006.** Long term outcomes following baked milk - containing diet for IgE - mediated milk allergy  
*I. Dalal (Israel), J. Weinbrand-Goichberg, S. Benor, M. Rottem, S. Kivity*
- 007.** Long term follow-up of oral immunotherapy for food anaphylaxis  
*S. Sato (Japan), N. Yanagida, M. Ebisawa*
- 008.** Sublingual immunotherapy to house dust mites in paediatric patients with co-morbid asthma  
*T. Umanets (Ukraine), Y. Antipkin, V. Lapshyn, V. Barzylovich, F. Pineda*
- 009.** Safety and efficacy of sublingual bacterial inactivated whole-cell suspension in adolescents with chronic rhinosinusitis: novel strategy of personalized approach?  
*T. Umanets (Ukraine), M. Umanets, S. Yuriev, F. Pineda, D. Rodriguez, J. Alcover*
- 010.** How family practitioners are ideally positioned to perform preschool screening for the silent epidemic of mouth breathing developing from chronic allergic rhinitis  
*S. Bekir (Australia), T. Pincock*
- 011.** A dust mite (HDM) lower dose intradermal immunotherapy (IDIT): a cost-effective approach for allergy rhinitis patients in underserved population  
*A. Vieira Hernandez (Venezuela), A. Capriles Hulett, M. Sanchez Borges, F. Fabiano, C. Albarran*
- 012.** Comparison of food allergy prevalence among Indian infants in non metro city of India, 2009 versus 2016  
*R. Goyal (India), S. Gupta, G. Gaurav*
- 013.** An atypical presentation of mast cell activation syndrome  
*T. Gavrilova (USA), J. Toh*

- 014.** **Decreased exacerbations and hospitalizations in adolescents enrolled in PROSPERO (prospective observational study to evaluate predictors of clinical effectiveness in response to omalizumab)**  
*A.T. Luskín, N.M. Griffin, A. Wagelie-Steffen, B.L. Benjamin L. Trzaskoma, S.L. Limb, W.W. Busse, R.S. Zeiger, E. Gonzalez-Reyes, T.B. Casale, B.E. Chipps (USA)*
- 015.** **Comparison of infantile allergic disease prevalence with a 12 year interval (3rd report)**  
*C. Sugizaki (Japan), F. Goto, S. Sato, N. Yanagida, M. Ebisawa*
- 016.** **Rush oral immunotherapy is a safe and effective treatment for children with severe wheat allergy**  
*A. Yamaide (Japan), K. Mitsunaga, M. Tomiita, A. Hoshioka, N. Shimojo*
- 017.** **Cow`s milk allergy in cystic fibrosis children**  
*P. Liviu (Romania), C. Ioana-Mihaela, T. Liviu, P. Corina, L. Marilena*
- 018.** **Serum Zonulin levels are higher in paediatric allergic patients than that in healthy children**  
*F. Yamaide (Japan), B. Fikri, H. Sato, N. Shimojo*
- 019.** **Possible application of the pack cooking that helps food allergic patients at the time of disaster**  
*N. Okishima (Japan), M. Kobayashi, M. Takai, K. Nishigata, R. Yoda, Y. Oana, C. Kajiwara, M. Shimodaira, T. Suzuki, H. Iizawa, K. Kamijo*
- 020.** **Study on seasonal variation of airborne fungal spores in urban and rural areas of west Bengal, India and a search for novel allergens from *Aspergillus terreus***  
*B. Karmakar (India), S. Gupta Bhattacharya*
- 021.** **Epidemiology of food allergy in Czech children, results of dafall**  
*S. Bělohávková (Czech Republic), E. Kopelentová, P. Víšek, J. Štádler, I. Šetinová, J. Novobilská*
- 022.** **Long-term safety and efficacy of perinatal probiotic intervention: evidence from a follow up study**  
*K. Lundelin, S. Salminen, E. Isolauri (Finland)*
- 023.** **A case of an allergic reaction to *Colocasia Antiquorum* or eddoe**  
*T. Pitt (Canada), T. Flanders*
- 024.** **Efficacy and safety of Beltavac® Polimerizado administered in children between 3 and 11 years**  
*M. Peñalver (Spain), P. Martínez, M. Lluch, A. Malet*
- 025.** **Effect of pollen immunotherapy on the oral allergy syndrome**  
*N. Young-Hee (Korea), J. Hyun Jung, L. Soo-Keol*
- 026.** **Skin test reactivity to *Dermatophagoides pteronyssinus* and *Dermatophagoides farinae* among Thai children with respiratory allergy**  
*P. Kulalert (Thailand), P. Sritipsukho, J. Pathumanond*
- 027.** **The Lymphocyte Activation test – clinical utility in delayed skin reactions in paediatric age group: a prospective study**  
*K. Baynova (Spain), M. Labella, T. De Aramburu, M. Prados*

- 028. Burden of allergic disease and child well-being**  
*L. Haanpää, J. Aarnio, M. Nermes, P. af Ursin, A. Kaljonen, E. Isolauri (Finland)*
- 029. Clinical profile, aeroallergen sensitivity and assessment of pulmonary function in paediatric chronic rhinosinusitis**  
*A. Anamika (India), A. Chakravarti, R. Kumar*
- 030. Mapping indoor allergens in the homes of allergic children in urban India**  
*N. Bala (India), K. Bhagwat, J. Hindly, M. Chapman, S. Baalasubramanian*
- 031. Biomonitoring of airborne fungal spores in indoor and outdoor environments of Agartala, Tripura and detection of allergenicity of *Trichoderma viride***  
*P. Karmakar (India), K. SenGupta, S. Gupta Bhattacharya, P. Das, A.K. Saha*
- 032. Probiotic microorganism *Lactobacillus Reuteri* impact on the prevalence of allergic asthma in five years old Slovene children**  
*L. Besednjak-Kocijancic (Slovenia)*
- 033. Immunoproteomic study on allergens of *Aspergillus oryzae*: a major allergy sensitizing mould**  
*K. SenGupta (India), S. Gupta Bhattacharya*
- 034. High healthcare resource use in children with severe or poorly controlled asthma**  
*B. Chipps, E. Antonova, A.M. Kong, A. Iqbal (USA), W.G. Teague*
- 035. Heterologous sweat allergy in adolescents**  
*A.K. Kjaer, O.D. Wolthers (Denmark)*
- 036. Omalizumab treatment increases the likelihood of being free of exacerbations and healthcare use in children**  
*B. Chipps, E. Antonova, B. Trzaskoma, B. Ortiz, B. Paknis, A. Iqbal (USA), K. Rosen, S.. Szeffler*
- 037. Forced oscillation measurements for the assessment of respiratory function in Emirati Children**  
*A. Alblooshi, S. Al-Hammadi (United Arab Emirates)*
- 038. Use of an electronic device and a computerized mathematic algorithm to detect the allergic food reactions through the analysis of heart rate variability**  
*A. Vega (Spain), R. Gutiérrez-Rivas, A.M. Alonso, J.M. Beitia, M.B. Mateo, R. Cárdenas, J.J. García-Domínguez*
- 039. Children and adolescents out-of-hospital asthma deaths in Brazil**  
*R.R. Pitchon (Brasil), C.G. Alvim, C. Andrade, A. Reis, H. Ribeiro*
- 040. Seasonal ragweed pollen exposure during infancy is associated with increased risk of subsequent childhood rhinoconjunctivitis**  
*C. Panaitescu Bunu (Romania), L. Marusciac, S. Paralescu, P. Tamas*
- 041. Allergy Unit in Oncology Institute. First national experience. About the first 600 desensitisations to chemotherapeutics and monoclonal antibodies**  
*E. Martí Guadaño (Spain), C. Escobar Bolaños, N. Martí José, P. Pau Casanovas, G. Biarnés Rib, M. Castells*

- 042.** A case report of lethal food-induced anaphylaxis (FIA) in an adolescent  
*T. de Vicente Jiménez (Spain)*
- 043.** The efficiency of immunotherapy to the subjects with allergy to bee venom and its positive influence in pollen allergy  
*L. Hana-Lleshi (Kosovo)*
- 044.** Tolerance to milk- and egg-free biscuits in children affected by milk and egg allergy  
Rome  
*V. Fierro (Italy), V. Marzano, C. Riccardi, O. Mazzina, L. Dahdah*
- 045.** Food Protein Induced Enterocolitis Syndrome in patients with Down Syndrome  
*V. Pecora (Italy), D. Valentini, M. Mennini, L. Dahdah, O. Mazzina, R. Valluzzi*
- 046.** Subcutaneous pollen immunotherapy by needleless injection device  
*G. Traina (Italy), R. Valluzzi, V. Fierro, C. Riccardi, M.C. Artesani, A. Fiocchi, A.G. Martelli*
- 047.** Allergic sensitization in eosinophilic oesophagitis  
*M. Mennini (Italy), C. Riccardi, P. De Angelis, F. Rea, M. Malamisura, R. Tambucci, A. Fiocchi, L. Dall'Oglio*
- 048.** IgE Apheresis as introduction to Omalizumab for treatment of severe asthma with multiple food anaphylaxis  
*V. Fierro, M.C. Artesani, L. Dahdah (Italy), C. Riccardi, M. Mennini, O. Mazzina, G. Leone, M. Montanari*
- 049.** Anaphylaxis to casein in Montelukast 10mg tablets  
*R. Valluzzi (Italy), F. Colombo, V. Pecora, C. Di Lorenzo, M.C. Artesani, F. Orgiu, V. Fierro, P. Restani, A. Fiocchi*
- 050.** Bifidobacterium longum & breve modulation of infant microflora in food allergy  
*M. Mennini (Italy), F. Del Chierico, T. Napolitano, S. Reddel, P. Vernocchi, A. D'Ambrosio, L. Putignani, A. Fiocchi*
- 051.** Food Protein-Induced Enterocolitis Syndrome (FPIES) is not an allergic disease  
*V. Pecora (Italy), G. Prencipe, R. Valluzzi, L. Dahdah, A. Insalaco, A. Fiocchi, F. De Benedetti*
- 052.** Omalizumab gets tolerance in patients with severe food allergy  
*M. Mennini, M.C. Artesani (Italy), O. Mazzina, V. Pecora, P.L. Koch, R. Valluzzi, A. Fiocchi*
- 053.** Hypoallergenicity of a new amino acid-based formula in children with cow's milk allergy  
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