

EAACI Pediatric Section

Summary of activities June 2020



EAACI
EUROPEAN ACADEMY OF ALLERGY
AND CLINICAL IMMUNOLOGY



EAACI Pediatric Section Business meeting cancellation

Dear members

We hope this email finds you well in these difficult times

Due to the COVID19 crisis, and the cancelation of the in person EAACI meeting, the Pediatric Section has cancelled the business meeting after considering that the main objective of these meetings is interaction between members, an objective that the digital current format of the congress might not grant

We apologize for the inconvenience that this may cause, but this has been a difficult decision taken after cautiously evaluation of the pros and cons. In case you´d like more information on our task forces, you can have it by clicking [here](#).

We hope we´ll be able to meet at EAACI Madrid 2021

Warm regards, the EAACI Pediatric Section

Chair

Helen Brough
MD PhD



Marta Vazquez-Ortiz
MD PhD



Secretary

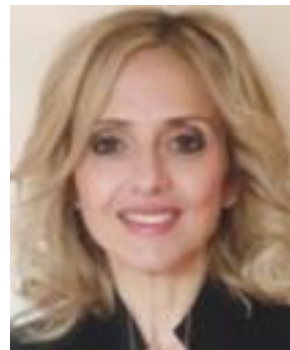
Stefania Arasi
MD PhD



Elena Galli
MD PhD



Sophia Tsabouri
MD PhD

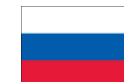
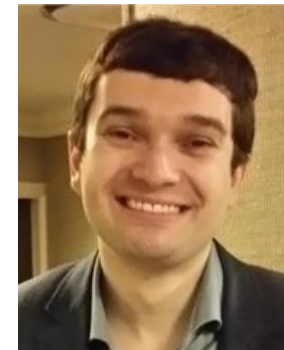


Past Chair

Montserrat Alvaro
Lozano



Daniel Munblit
MD PhD



Burcin Beken
MD - JMA



Pediatric Section Mission Statement

Engaging patients, colleagues, members of the Paediatric Section, other EAACI Sections/IG/WG, national societies and patient organisations

Current number of members: 2903

Education Achievements in 2018-2020



Chair: Montserrat Alvaro Lozano
Secretary: Carmen Riggioni
Collaboration: Pediatric, Immunotherapy, Food allergy, JMA

Participation in all scientific programme committee meetings and marathon meetings



Section participation in formulating and submitting exam questions for the Paediatric arm of the EAACI UEMS exam



PAAM 2019
17 - 19 October 2019
Florence, Italy
www.eaaci.org/paam2019



Chair: Montserrat Alvaro Lozano
Co-Chair and Local-Chair: Antonella Muraro





Accepted Articles

Accepted, unedited articles published online and citable. The final edited and typeset version of record will appear in the future.

REVIEW | Full Access

Preventing food allergy in infancy and childhood: systematic review of randomised controlled trials

Debra de Silva , Susanne Halcken, Chris Singh, Muraro Antonella, Elizabeth Angier, Stefania Arasi, Hasan Arshad, Kirsten Beyer, Robert Boyle, George du Toit, Philippe Eigenmann, Kate Grimshaw, Arne Hoest, Carla Jones, Ekaterina Khaleva, Gideon Lack, Hania Szajewska, Carina Venter, Valérie Verhasselt, Graham Roberts, on behalf of European Academy of Allergy, Clinical Immunology Food Allergy, Anaphylaxis Guidelines Group ... [See fewer authors](#) ^

First published: 12 May 2020 | <https://doi.org/10.1111/pai.13273>

This article has been accepted for publication and undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the Version of Record. Please cite this article as doi:10.1111/pai.13273



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Check for updates

PDF TOOLS SHARE

→ Food Allergy Prevention Guidelines - ongoing







Current state and future of pediatric allergology in Europe: A road map

Olympia Tsilochristou^{1,2}  | Paraskevi Maggina² | Zaraquiza Zolkipli³ |
Silvia Sanchez Garcia⁴ | Pinar Uysal⁵ | Montserrat Alvaro Lozano⁶ |
Marina Atanaskovic-Markovic⁷ | Astghik Baghdasaryan⁸ | Kirsten Beyer⁹ |
George DuToit¹⁰ | Roy Gerth van Wijk¹¹ | Arne Høst¹² | Jonathan O'Hourihane¹³ |
Lars Ingemann¹⁴ | Juho E. Kivistö¹⁵ | Jose Manuel Lopes dos Santos¹⁶ | Erik Melén¹⁷ |
Antonella Muraro¹⁸  | Antonio Nieto¹⁹ | Giovanni Pajno²⁰ | Klaus Rose²¹ |
Lagos A. Réthy²² | Cansin Sackesen²³ | Peter Schmid Grendelmeier²⁴ |
Erkka Valovirta²⁵ | Magnus Wickman²⁶ | Philippe A. Eigenmann²⁷ | Ulrich Wahn⁹ |
Lauri-Ann van der Poel²⁸ 

Pediatr Allergy Immunol 2018;29:9-17

Diagnosis and management of Non-IgE gastrointestinal allergies in breastfed infants—An EAACI Position Paper

Rosan Meyer¹  | Adriana Chebar Lozinsky² | David M. Fleischer³ |
Mario C. Vieira⁴ | George Du Toit⁵ | Yvan Vandenplas⁶ | Christophe Dupont⁷ |
Rebecca Knibb⁸  | Pinar Uysal⁹ | Ozlem Cavkaytar¹⁰ | Anna Nowak-Wegrzyn¹¹  |
Neil Shah¹² | Carina Venter³ 

ENIGMA Task force collaboration with Allied Health IG and Food Allergy IG

Clement von Pirquet Foundation Fellowship

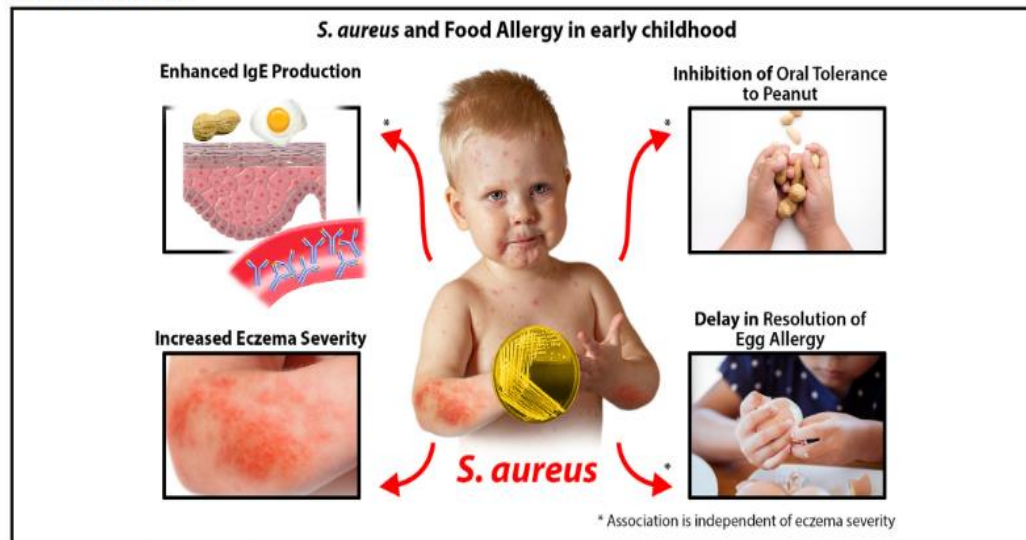
Food allergy and gastrointestinal disease

Association of *Staphylococcus aureus* colonization with food allergy occurs independently of eczema severity

Check for updates

Olympia Tsilochristou, MD,^{a,b} George du Toit, MB, BCh, FRCPC, ^{a,b,c} Peter H. Sayre, MD, PhD,^d Graham Roberts, FRCPC, DM,^{e,f} Kaitie Lawson, MS,^g Michelle L. Sever, MSPH, PhD,^g Henry T. Bahnson, MPH,^h Suzana Radulovic, MD,^{a,b,c} Monica Basting, MA,^{a,b,c} Marshall Plaut, MD,ⁱ and Gideon Lack, MB, BCh, FRCPC, ^{a,b,c} for the Immune Tolerance Network Learning Early About Peanut Allergy Study Team *London, Southampton, and Isle of Wight, United Kingdom; San Francisco, Calif; Chapel Hill, NC; and Bethesda, Md*

GRAPHICAL ABSTRACT



J Allergy Clin Immunol 2019; 144:494-503

EAACI Annual Congress 2019

S. aureus an important risk factor contributing to food allergy in children with atopic dermatitis



S. aureus could be an important risk factor contributing to food allergy in children with atopic dermatitis, according to the newly released study results that Professor George du Toit presented on 2 June at the EAACI Annual Congress in Lisbon, during the Presidential Symposium on Immunomodulation in Food Allergy (Practall 2018). These results were published two days earlier in the Journal of Allergy and Clinical Immunology and were presented for the first time during the Congress Session.

"We yet do not know the exact mechanisms that lead from atopic dermatitis to food allergy. However, our results suggest that Staphylococcus aureus could be an important factor contributing to this outcome"

said Dr Olympia Tsilochristou, King's College London, the leading author of the paper. This study presents results from an exploratory secondary analysis of data from the groundbreaking Learning Early About Peanut Allergy (LEAP) study which Professor Gideon Lack has been leading at King's College London. The authors demonstrated that children with severe atopic dermatitis (AD) and/or egg allergy who had skin colonisation with *S. aureus* had higher sIgE values against peanut and egg white as opposed to those who were never colonised with *S. aureus*. Of note, these results were independent of AD severity.

Additionally, it was shown that children with skin and/or nasal *S. aureus* colonisation were more likely to have their egg allergy persist until the age of 5

"The role of S. aureus should be considered in future studies aimed at inducing and maintaining tolerance to food allergens in infants with AD"

said Professor du Toit, co-author of the paper and leading author of previous LEAP publications, while Professor Lack concluded by highlighting that

"Further prospective longitudinal studies measuring S. aureus with more advanced techniques and interventional studies eradicating S. aureus in early infancy will help elucidate its role in the development of AD or food allergy"

These study results are important as the analysis was made by correcting for AD severity. Previous findings in the literature that *S. aureus* colonisation in AD is associated with food sensitisation and allergy may have been confounded by AD severity. *S. aureus* has been implicated in the development and severity of atopic diseases namely AD, allergic rhinitis and asthma and the findings presented today extend these observations to the development of food allergy, independent of AD severity.

EAACI would like to take the opportunity to highlight the dynamics the new generation of allergists within its membership. Olympia Tsilochristou, based at King's College London, has been an active Junior Member of the Academy and was once awarded an EAACI Clinical Fellowship.

Task forces table of Content

- 1 Food immunotherapy practice in Europe (FIND project)
- 2 Allergic diseases in adolescents and young people
- 3 Clinical outcomes of efficacy in food allergen immunotherapy trials
- 4 Targeting the skin barrier in atopic dermatitis
- 5 Chronic urticaria in children
- 6 Perceptions, Beliefs, Attitudes, and Decision making in parents of children with allergic diseases (PARANOID)

1 Food immunotherapy practice in Europe (FIND project)

Objectives

- .- Mapping the number and characteristics of centers performing food AIT across Europe

Current situation

- .- Data collection and analysis phase finished. Manuscript on preparation

Potential finishing date

- .- End 2020

Deliverables

- .- Manuscript in an EAACI journal



2

TF on Adolescents and Young Adults (AYA) with allergy and asthma



Objectives

To provide a framework on the particular features of AYA with allergic diseases, their challenges and specific needs, as well as on strategies proven effective to improve their self-care and wellbeing. This will allow produce specific recommendations to optimize healthcare and outcomes in this critical age group, as well as to identify unmet needs and further work required in the field.

Deliverables/Output

Published scientific papers:

- Knibb RC, et al. The effectiveness of interventions to improve self-management for adolescents and young adults with allergic conditions: a systematic review. *Allergy*. 2020. PMID: 32159856
- Khaleva E, et al. Current transition management of adolescents and young adults with allergy and asthma: A European survey. *Clinical Traslational Allergy* 2020 (in press).
- Roberts G, et al. EAACI guideline on the effective transition of adolescents and young adults with allergy and asthma. *Allergy*. 2020
- Vazquez-Ortiz M, et al. Understanding the challenges faced by adolescents and young adults with allergic conditions: a systematic review. *Allergy*. 2020. PMID: 32141620

Upcoming papers:

- Parents and AYA perspectives on practice recommendations for transitional care in allergy
- 'The teen toolkit' EAACI position paper on how to implement effective transitional care in allergy in clinical practice

Dissemination/Training:

- Short videos on TF output, EAACI Autumn 2019 and Spring 2020 Newsletters, Symposia at FAAM 2018, EAACI 2019 and 2020, PAAM 2019.
- Masterclass on Adolescents and Young Adults – 2021, Geneva
- Elearning module on Adolescents and Young Adults – late 2021

Estimated TF completion: 2021



3 Clinical outcomes of efficacy in food allergen immunotherapy trials

Objectives

.- Literature review on clinical efficacy outcomes used so far, assessment of the impact of using different definitions of efficacy and different statistical methods for analysis, gather information on the patient's perspective on efficacy outcomes

Current situation

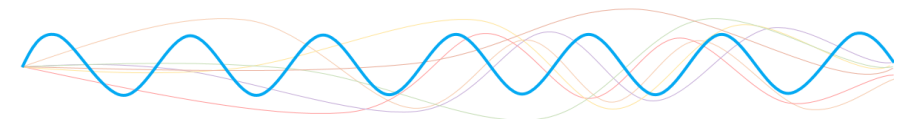
.- Partial completion of all work packages

Potential finishing date

.- For the literature results first Q 2021, for the evaluation on efficacy definitions end of 2021 and for the patient's perception on the treatment 2022

Deliverables

.- Most probably 1 manuscript per objective



CO-FAITH

Clinical Outcomes in Food-AIT trials Harmonization



4

Targeting the skin barrier in atopic dermatitis

Objectives

.- To provide evidence on whether the daily use of topical moisturizers or emollients soon after birth and for the first months of life could reduce the occurrence of atopic dermatitis and/or its severity, thus representing a low cost, easy to apply, safe and effective approach for the primary prevention of such disease

Current situation

.- Currently reviewing published randomized clinical trials

Potential finishing date

.- December 2020

Deliverables

.- Manuscript publication

5 Chronic urticaria in children

Objectives

- determine present clinical practice and challenges that arise from diagnosing and treating children with CU
- form a collaborative network to review and optimise diagnosis and treatment of children with CU via working groups

Current situation

- A clinical survey of 35 questions has been disseminated to all the EAACI members of the pediatric section and was answered by 358 participants from 69 countries
- The first results have been analysed and will be presented to the digital EAACI 2020

Potential finishing date

- at the end of 2020

Deliverables

- A survey report summarizing current referral and management practices for chronic urticaria and angioedema in children across Europe
- To address questions on the use of omalizumab in the treatment of children with CU
- The establishment of a multi-centred international network for CU in children, with maximal inclusion of those who manage the condition in children, from EAACI's member countries

6

Perceptions, Beliefs, Attitudes, and Decision making in parents of children with allergic diseases (PARANOID)

Objectives

- Assess worries and beliefs, anxiety, allergic diseases perception, medical trust/mistrust and compliance among the parents of allergic children residing in different European countries
- Study factors impacting above mentioned outcomes with a particular focus on internet social networks

Current situation

Survey questionnaire development

Potential finishing date

June 2021

Deliverables

Position paper on pan-European perceptions, beliefs and attitudes in parents of allergic children

Collaboration with other Sections/IG/WG

Task force title	Chair/Secretary	Section/ IG
Creating a video about immunotherapy for the public using the EAACI Clinical Village	Montserrat Alvaro Lozano Mohamed Shamji	Immunotherapy IG
Guidelines for Food Allergy and Anaphylaxis <ul style="list-style-type: none"> • Prevention of Food Allergy 2020 Guideline • Anaphylaxis Guideline 	Antonella Muraro, Graham Roberts Susanne Halcken, Antonella Muraro , Graham Roberts Antonella Muraro, Margitta Worm and Graham Roberts	Food Allergy and Anaphylaxis Guidelines Group
Eustachian tube dysfunction: the role of immunity and allergy	Ludger Klimek Helen Brough	ENT Section
Immunological outcome measures for AIT in children and adults	Mohamed Shamji Montserrat Alvaro Lozano	Immunotherapy IG
Public outreach: lay summaries for EAACI position papers	Rodrigo Jimenez-Said Henry McSorley	Immunology
Food allergy in children with atopic dermatitis: an algorithm for diagnosis and risk evaluation	Charlotte Mortz Barbara Ballmer-Weber	Dermatology
Expert review on Allergen immunotherapy and Prevention of allergy in children.	Umit Sahiner	Immunotherapy IG

Engagement with patients

Mental Health Needs and Access to Care among Patients with Food Allergy

Collaborative project with EAACI Patient Organisation Committee

- Assess food allergy patients' psychosocial needs and access to mental health care in Europe, Australia, Canada.
- Compare findings from these countries to the findings from the United States.
- To improve food allergy patient outcomes by ensuring that patients' psychosocial needs are met.
- Successful grant application to Novartis
- Questionnaires designed and undergoing translations

Patient advocacy work



- 1. Advocating against discrimination of people with food allergy, with a special focus on vulnerable groups (e.g. children)
- 2. Identifying the unmet needs and raising awareness on the quality of life of people with food allergies and on the burden of the disease among policy makers
- 3. Improving the management of food allergens by food business operators and restaurants
- The 'Food DETECTives' report was presented to Members of the European Parliament in Brussels in Dec 2019
 - https://www.efanet.org/images/2019/FD_FINAL.pdf
 - Outlines legislative gaps in food labelling for food allergic patients and recommendations for policymakers, public health authorities and the food industry