

ASCIA 2018 PROGRAM

CFAR Food and Allergy Symposium Hot Publications I

Tuesday 4 September 2018

Bradman Theatre, National Convention Centre, Canberra, Australia



10.00-10.30 HOT PUBLICATIONS IN FOOD ALLERGY RESEARCH I

Vicki McWilliam – Murdoch Children's Research Institute

Patterns of tree nut sensitisation and allergy in the first 6 years of life in a population-based cohort

Vicki McWilliam, Rachel Peters, Mimi LK Tang, Shyamali Dharmage, Anne-Louise Ponsonby, Lyle Gurrin, Kirsten Perrett, Jennifer Koplin*, Katrina J Allen* for the HealthNuts investigators

The Journal of Allergy and Clinical Immunology – accepted

Dr Rachel Peters – Murdoch Children's Research Institute

Early exposure to cow's milk protein is associated with a reduced risk of cow's milk allergic outcomes

Rachel L Peters, Jennifer J Koplin, Shyamali C Dharmage, Mimi L K Tang, Vicki L McWilliam, Lyle C Gurrin, Melanie Neeland, Adrian J Lowe, Anne-Louise Ponsonby, and Katrina J Allen

The Journal of Allergy and Clinical Immunology: in Practice – accepted

Dr Kristina Rueter – The University of Western Australia

Direct UV light exposure is associated with eczema and immune development

Kristina Rueter*, Anderson P Jones*, Aris Siafarikas, Ee-Mun Lim, Natasha Bear, Paul S Noakes, Susan L Prescott, Debra J Palmer

The Journal of Allergy and Clinical Immunology – accepted

Increased Use of Adrenaline in the Management of Childhood Anaphylaxis Over the Last Decade

Kristina Rueter, Brennan Ta, Natasha Bear, Michaela Lucas, Meredith L. Borland, Susan L. Prescott

The Journal of Allergy and Clinical Immunology: in Practice – in press

<https://doi.org/10.1016/j.jaip.2017.11.038>

Dr Rachel Peters – Murdoch Children's Research Institute

Patterns of carriage of prescribed adrenaline auto injectors in 10-14 year old food allergic students: a population based study

Marnie Robinson*, Jennifer J. Koplin*, Michael J. Field, Mari Sasaki, Rachel L. Peters, Vicki McWilliam, Susan M. Sawyer, George C. Patton, Peter J. Vuillermin, Jo Douglass, Lyle C. Gurrin, Mimi L.K. Tang, Shyamali C. Dharmage, Katrina J. Allen

The Journal of Allergy and Clinical Immunology: in Practice – in press

<https://doi.org/10.1016/j.jaip.2018.06.025>

ASCIA 2018 PROGRAM

CFAR Food and Allergy Symposium Hot Publications II

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13.30-14.15 HOT PUBLICATIONS IN FOOD ALLERGY RESEARCH II

Yichao Wang – Murdoch Children's Research Institute

Increasing hospital presentations for anaphylaxis in the pediatric population in Hong Kong

Yichao Wang, Jennifer Julia Koplin, Marco Hok Kung Ho, Wilfred Hing Sang Wong, Katrina Jane Allen
The Journal of Allergy and Clinical Immunology: in Practice 2018; 6:3, 1050-1052

Thimo Ruethers – James Cook University

Characterization of Ras k 1 a novel major allergen in Indian mackerel and identification of parvalbumin as the major fish allergen in 33 Asia-Pacific fish species

Thimo Ruethers, Marianne Raith, Michael F. Sharp, Martina Koeberl, Juan N. Stephen, Roni Nugraha, Thu T.K. Le, Santiago Quirce, Hong X.M. Nguyen, Sandip D. Kamath, Sam S. Mehr, Dianne E. Campbell, Christopher R. Bridges, Aya C. Taki, Ines Swoboda, Andreas L. Lopata
Clinical & Experimental Allergy 2018; 48:4, 452-463

Rapid and comprehensive discovery of unreported shellfish allergens using large-scale transcriptomic and proteomic resources

Roni Nugraha, Sandip D. Kamath, Elecia Johnston, Kyall R. Zenger, Jennifer M. Rolland, Robyn E. O'Hehir, Andreas L. Lopata
The Journal of Allergy and Clinical Immunology 2018; 141:4, 1501-1504.e8

Dr Melanie Neeland – Murdoch Children's Research Institute

Early life innate immune signatures of persistent food allergy

Melanie R. Neeland, Jennifer J. Koplin, Thanh D. Dang, Shyamali C. Dharmage, Mimi L. Tang, Susan L. Prescott, Richard Saffery, David J. Martino*, Katrina J. Allen
The Journal of Allergy and Clinical Immunology – in press
<https://doi.org/10.1016/j.jaci.2017.10.024>

Identification and analysis of peanut-specific effector T and regulatory T cells in children allergic and tolerant to peanut

Katherine A. Weissler, Marjohn Rasooly, Tom DiMaggio, Hyejeong Bolan, Daly Cantave, David Martino, Melanie R. Neeland, Mimi L.K. Tang, Thanh D. Dang, Katrina J. Allen, Pamela A. Frischmeyer-Guerrero
The Journal of Allergy and Clinical Immunology 2018; 141:5, 1699-1710

Dr David Martino – Telethon Kids Institute

Epigenetic dysregulation of naïve CD4+ T-cell activation genes in childhood food allergy

David Martino, Melanie Neeland, Thanh Dang, Joanna Cobb, Justine Ellis, Alice Barnett, Mimi Tang, Peter Vuillermin, Katrina Allen, Richard Saffery
Nature Communications – accepted

Dr Thanh Dang – Murdoch Children's Research Institute

B cell phenotype and function in infants with egg allergy

Melanie R. Neeland, David J. Martino, Thanh D. Dang, Jennifer J. Koplin, Rachel L. Peters, Alexander Grishin, Shyamali C. Dharmage, Mimi L. Tang, Hugh A. Sampson, Richard Saffery and Katrina J. Allen
Allergy – under review

Please note that this is a provisional program and may be amended