



Allergens: Science, Health Effects and Innovations

September 26th-27th 2017, Indoor Biotechnologies, Cardiff, UK

Speaker profiles



Matthew Perzanowski PhD

Associate Professor Environmental Health Sciences

Columbia University

Dr. Perzanowski's research is focused on understanding exposures that lead to allergic sensitization and asthma. While many environmental exposures are hypothesized to have contributed to the global asthma epidemic that started in the latter half of the 20th century, a unifying theory has not been proven. Dr. Perzanowski began his research career at a preeminent allergen exposure laboratory and participated in studies conducted in communities as different as inner-city Atlanta and rural Kenya. He continued with his doctoral research working with the OLIN group in northern Sweden at the Arctic Circle where asthma is common but dust mites and cockroaches, exposure to which is important to asthma elsewhere, are not found. As a co-investigator on several established prospective cohort studies, Dr. Perzanowski's current research is exploring paradigms of exposures related to asthma in an area of the world with one of the greatest asthma burdens, low and middle-income neighbourhoods in New York City. He is the principal investigator on the NIH (NIEHS) and HUD funded, NYC Neighbourhood Asthma and Allergy Study which is examining neighbourhood differences in asthma prevalence and persistence to better understand the disparity in asthma risk between children living just city blocks apart. Two other major research aims of his laboratory work are implementing non-invasive measurements of airway inflammation in paediatric population based studies and evaluating the relevance of the 'hygiene hypothesis' to inner-city asthma.



Paolo Matricardi MD

Charité Hospital, Berlin

Profile coming soon.



Ronald van Ree PhD

Academic Medical Centre, Amsterdam

Profile coming soon.



Chun-Han Chan PhD

Food Standards Agency, Imperial College, London

Profile coming soon.



Frederic de Blay MD

Hopitaux Universitaires, Strasbourg

Profile coming soon.



Oliver Pfaar MD

Centre for Rhinology & Allergology, Wiesbaden

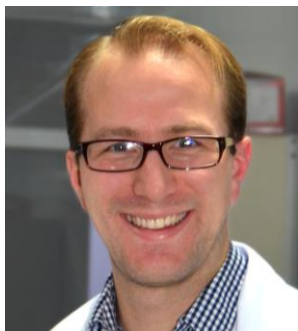
Profile coming soon.



Anna Pomés PhD

Research Director Indoor Biotechnologies, Inc.

Dr. Pomés' research focuses on the study of the molecular structure and function of allergens and their contribution to allergic disease. She is interested in elucidating the influence of molecular and biochemical properties of allergens in immunological mechanisms that lead to the development of allergy. Her studies have involved cloning, expression, purification and measurement of allergens, as well as the determination of the molecular structures of allergens from cockroach, mite, peanut, fungi and helminths. Recently, the structures of allergen/antibody complexes have been solved by X-ray crystallography to define conformational B cell epitopes, analyze antigenic determinants of allergens and produce hypoallergenic mutants for immunotherapy, in order to better understand the B cell repertoire in allergic disease. Dr. Pomés is the principal investigator for the RO1 Award from the National Institute of Allergy and Infectious Diseases that funds the current studies. Dr. Pomés obtained her PhD from the University of Barcelona-Consejo Superior de Investigaciones Científicas, Spain, did a Post-doctoral fellowship at Merck and co., Inc. (Rahway, NJ), and was faculty at the University of Virginia before becoming Research Director of Indoor Biotechnologies in 2001. She was awarded the Pharmacia Allergy Research Foundation Award on "Determinants of Allergenicity" in 2002. She is Fellow of the American Academy of Allergy, Asthma and Immunology since 2006, member of the European Academy of Allergy and Clinical Immunology and the Collegium Internationale Allergologicum, member and secretary of the WHO/IUIS Allergen Nomenclature SubCommittee and serves as editor of Current Allergy and Asthma Reports.



James Hindley PhD

Executive Director, Indoor Biotechnologies, LTD.

James Hindley, BSc, PhD is Executive Director of Indoor Biotechnologies Ltd a leading provider of products and services for allergy research. James obtained both his BSc in Medical Biochemistry and his PhD in Immunology from Cardiff University in 2006 and 2010, respectively. James initially worked with InBio as a student intern at their laboratory in Charlottesville, Virginia, USA during his undergraduate degree in 2004/2005. In 2012, following completion of his BSc and PhD, James set up a new UK facility for InBio in Cardiff, Wales. James now oversees a wide range of operations for the company, including R&D, contract research, analytical services and product sales to over 50 different countries. James is an active member of EAACI, BSACI and the ILSI Food Allergy Task Force. More recently James has headed the opening of InBio's new facility in India and was named one of Wales's Rising Stars of business.



Maria Oliver PhD

Senior Scientist, Indoor Biotechnologies, LTD.

Profile coming soon.



Martin Chapman PhD

President/CEO Indoor Biotechnologies, Inc.

Martin D. Chapman, PhD, is President and CEO of Indoor Biotechnologies, a company he founded and spun out of the University of Virginia. Indoor Biotechnologies is a biotechnology manufacturing company which produces molecular products for allergy and asthma research (www.inbio.com). The company has bio-manufacturing and R&D facilities in Charlottesville, Cardiff, UK, and Bangalore, India, and distributors in Japan, Korea and China. InBio products include purified allergens for research and diagnostic use; test kits for assessing environmental allergen exposure; and Ventia, a consumer test for dust mites that is sold on Amazon.com. The company has an extensive range of laboratory services for allergen and food testing and provides contract research services. InBio has a patented dust collection device (DUSTREAM®) and has a single state-of-the-art test (MARIA®) for all common allergens in homes. In 2015, InBio completed construction of a \$2.7MM bio-manufacturing and research facility in downtown

Charlottesville, which also includes the CREATE art gallery/exhibition space and the Silk Mill Salon, a conference suite for 50 people. InBio supports emerging biotechnology and technology-based companies in Central Virginia with a focus on innovation, entrepreneurship and economic development.