IUIS 2023 CAPE TOWN

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WHERE IMMUNOLOGISTS MEET
18th International Congress of Immunology
27 November - 2 December 2023 | Cape Town, South Africa

IUIS2023.org

Date: Monday, 27 November 2023
Time: 12:00-16:00
Location: Room 1.41 - 1.42

Pre-Course of the European Academy of Allergy and Clinical Immunology

This EAACI-sponsored symposium will provide four state-of-the-art lectures from global leaders in allergic disease pathways and how they are modulated by both established treatments, such as allergen immunotherapy and novel biologics. Following this mini-symposium, attendees will be up to date on our current understanding of allergic disease classifications, including the newly proposed EAACI additions. Attendees will improve their understanding of the in vivo consequences of treatments with monoclonal antibodies targeting the IL-4/IL13 pathway, insights that help us to understand the non-redundant roles of these pivotal TH2 cytokines. The latest science of how allergen immunotherapy slowly shifts allergen-specific responses from inflammatory to tolerant, highlighting roles for isotype switching, regulatory T-cells, and phenotypic-alteration of antigen-presenting cells will be covered. Finally, the latest immunopathogenic models in drug hypersensitivity will be discussed, with a particular focus on non-immune and immune pathways that underpin overlapping clinical phenotypes of allergy.

Chairs:
Jonny PETER, *South Africa*
Cezmi A. AKDIS, *Switzerland*

12:45 - 13:00	**Nomenclature of Allergic Diseases and hypersensitivity reactions.** Ioana AGACHE, *Romania*
12:45 - 13:00	**Discussion**
13:00 - 13:45	**Immunomodulation by biologics: Direct in vivo evidence for the immunologic effects of the blocking of IL-4, IL-5 and IL-13 signaling** Ioana AGACHE, *Romania*
13:45 - 14:00	**Discussion**
14:00 - 14:45	**Molecular mechanisms of allergen-specific immunotherapy** Mohamed H. SHAMJI , *United Kingdom*
14:45 - 15:00	**Discussion**
15:00 - 15:45	**Immune pathogenesis of different phenotypes of drug hypersensitivity** María JOSÉ TORRES, *Spain*
15:45 - 16:00	**Discussion**