

The Isil Berat Barlan Memorial Lectureship



Professor Dr. Işıl Berat Barlan (1958-2015) was born in Trabzon, Turkey. She attended Robert College in Istanbul and received her medical degree from Istanbul University Cerrahpaşa Faculty of Medicine. She completed her residency in Pediatrics at Marmara University Faculty of Medicine, Istanbul. She trained in Allergy and Immunology first with Dr. Müjdat Başaran at Marmara University and later with Dr. Raif Geha at the Boston Children's Hospital. She went on to become the Chair of Pediatrics and the Chief of the Division of Pediatric Allergy and Immunology at Marmara University.

Professor Barlan was a visionary physician-scientist who made a profound impact on the science and health care delivery in Allergy and Immunology in Turkey and beyond. She was a highly productive investigator, with more than 120 peer-reviewed papers in international and national Journals. Critically, she engaged in building a research and academic infrastructure in Allergy and Immunology in Turkey, established enduring international collaborations and mentored a large number of investigators and practitioners in the field. Professor Barlan has made numerous key contributions to the field of Allergy and Immunology at large. In a series of highly cited papers, she established the efficacy of pharmacotherapy with intranasal steroids in allergic rhinitis and rhinosinusitis, and that of sublingual immunotherapy for allergic upper airway disease and asthma. She also pioneered combination subcutaneous and sublingual immunotherapy for allergic asthma.

Professor Barlan made critical contributions in the field of primary immunodeficiencies (PID). Professor Barlan actively engaged in national and international collaborations on the investigation, diagnosis and management of primary immunodeficiency diseases. She played a critical role in studies that led to the identification of DOCK8 deficiency as the underlying cause of the autosomal recessive form of the hyper IgE syndrome as well as other novel immunodeficiencies.

The ambitious scope of Professor Barlan's studies was enabled by her creation of productive research and training programs and community outreach efforts. She established the first Jeffrey Modell Center for Primary Immunodeficiency and the first International Patient Organization for Primary Immunodeficiencies chapter in Turkey, both placed at Marmara University. A critical achievement of Dr. Barlan was her training of a large number of academic physician-scientists in Allergy/Immunology, with many of her trainees assuming leadership positions in Turkey and abroad. Professor Barlan had a particular interest in women advancement in science, an issue that she strongly advocated for in both national and international forums. She trained several women physician-scientists, who went on to lead their own programs in Allergy and Immunology. Professor Barlan was a member of the AAAAI, and an active participant and speaker at its annual meetings. She served on the executive committee of the European Academy of Allergy and Clinical Immunology (EAACI). She was the recipient of a number of awards, including the highly prestigious Sedat Simavi Prize in Turkey for her scientific contributions in the field of immunotherapy, as well as multiple prizes by the Turkish Society of Pediatrics, Marmara University Medical Faculty and Istanbul Provincial Directorate for her medical research and clinical excellence.

2019 marks the 3rd year of the Isil Berat Barlan Memorial Lectureship. It will be presented in Plenary Session 2101: Systemic Regulation of Susceptibility and Pathogenesis of Allergic Inflammation, Sunday, February 24, 2019: 8:15 AM - 9:45 AM, Moscone Center South, Hall A

The Isil Berat Barlan Memorial Lectureship – Raif Geha, MD



Dr. Raif Salim Geha is the James Gamble Professor of Pediatrics, Harvard Medical School and the Chief of the Division of Immunology, Allergy, Rheumatology and Dermatology Division at Boston Children's Hospital. He received his M.D. degree in 1969 from the American University of Beirut, Lebanon, and trained in Pediatrics and Immunology at Boston Children's Hospital and Harvard Medical School. Dr. Geha's research interests are in molecular and cellular mechanisms of primary immunodeficiencies and atopic dermatitis/food allergy. He has contributed to more than 450 original articles, 150 reviews several monographs and a book. His publications have appeared in *Cell*, *Immunity*, *Nature*, *Nature Genetics*, *Molecular Cell*, *PNAS*,

Journal of Experimental Medicine, *Journal of Immunology*, *Journal of Allergy and Clinical Immunology*, *Journal of Clinical Investigation* and *Science Immunology*.

Dr. Geha has received the E. Mead Johnson Award for Pediatric Research, considered the highest award for pediatric research, the Kuwait Foundation for the Advancement of Sciences Prize, and the American Association of Immunologists Prize in Human Immunology Research. He has served on a number of NIH study sections and on the NIAID council, has been a director of the American Board of Allergy and Immunology, was elected to the American Society of Clinical Investigation and the American Association of Physicians, has presided over the Clinical Immunology Society and chaired the WHO/IUIS Committee on Immunodeficiency. Dr. Geha has trained more than 150 postdoctoral fellows, many of whom are leaders in the fields of Allergy and Immunology.