

**The AAAAI Foundation and K. Frank Austen, MD FAAAAI & Albert L. Sheffer, MD FAAAAI Lectureship: Bench to Bedside (4<sup>th</sup> year)**

1601 Presidential Plenary: Paradigm Shifts in Drug Allergy  
Friday, February 24, 2022  
Convention Center, Lobby Level, Hall 2, 1:45 pm – 3:15 pm  
**Lecturer: Tanya Laidlaw, MD FAAAAI**  
New Insights in the Immunopathology of AERD

The AAAAI Foundation and K. Frank Austen, MD FAAAAI & Albert L. Sheffer, MD FAAAAI Lectureship: Bench to Bedside will be presented by Tanya Laidlaw, MD FAAAAI on February 24<sup>th</sup> during the Presidential Plenary: Paradigm Shifts in Drug Allergy (1601) in Convention Center, Lobby Level, Hall 2, 1:45 pm – 3:15 pm (presentation at 1:50pm)

**K. Frank Austen, MD FAAAAI  
Albert L. Sheffer, MD FAAAAI**



For more than 50 years, Drs. K. Frank Austen and Albert L. Sheffer worked in concert, making advances in the discipline and impacting generations of physicians and investigators who've gone on to become leaders in the specialty. Their career arcs were not only parallel, but complementary, with Austen as the consummate bench researcher and Sheffer the master clinician. Through the Allergy Clinic and the Allergy Training Program they founded in 1966, they have

trained hundreds of physicians who are now in academic positions or in practice. Over 90 of their former fellows are full professors or an equivalent rank at the NIH or other research institutes.

Austen has been instrumental in understanding the mechanisms that trigger, amplify, and control the inflammatory response. He is considered a pioneer in the biochemistry of the release of mast cell mediators and the biological properties of leukotrienes. He currently is Astra Zeneca Professor of Respiratory and Inflammatory Diseases in the Department of Medicine at Harvard Medical School and Brigham and Women's Hospital. His research into autoimmune diseases and asthma produced some of the pioneering work in the field. Dr. Austen also served as President of the American Academy of Allergy, Asthma & Immunology in 1981.

Sheffer conducted innovative clinical research to create or expand treatment options for conditions such as allergic rhinitis, bronchial asthma and hereditary angioedema. He provided care to thousands of patients with allergic and immunologic diseases, as well as training and mentorship to more than 100 fellows. He was President of the American Academy of Allergy, Asthma & Immunology in 1987, was the first chair of the expert panel that generated the National Heart, Lung, and Blood Institute's Guidelines for the Diagnosis and Treatment of Asthma, and cochairman of the first Global Initiative for Asthma (GINA) Committee. Dr. Sheffer passed away in December of 2015.

Austen and Sheffer were close friends outside of the clinic as well as colleagues within. Their inextricable professional lives make this Lectureship and Award a fitting tribute in honor of a remarkable partnership that laid pivotal foundations for the specialty that will have impact for years to come.

### **Tanya Laidlaw, MD FAAAAI**



Dr. Tanya M. Laidlaw completed her medical degree at the University of Massachusetts Medical School, her residency in pediatrics at Massachusetts General Hospital, and then entered an Allergy/Immunology fellowship at the Brigham and Women's Hospital in Boston, Massachusetts.

She performed her research training in the laboratory of Joshua A. Boyce, MD, where she focused on the pathogenesis of asthma, chronic rhinosinusitis with nasal polyps, and Aspirin-Exacerbated Respiratory Disease (AERD), with a focus on the pro-inflammatory role of mast cells, platelets, and specific lipids in these disorders. She joined the faculty in 2009 and is now an Associate Professor of Medicine at Harvard Medical School and is the Director of the Section of Clinical and Translational Sciences in the Division of Allergy and Clinical Immunology and is the Director of the AERD Center at the Brigham and Women's Hospital. Her research continues to be focused on understanding AERD and nasal polyposis, and she is dedicated to investigating the causative mechanisms and exploring new treatments for these diseases. Her group at the Brigham and Women's Hospital's AERD Center follows over 2300 patients with AERD and nasal polyps and severe asthma and has several ongoing research studies that are recruiting and enrolling patients.