

## [AAAAI Foundation and Michael M. Frank, MD FAAAAI Lectureship \(4<sup>th</sup> year\)](#)

3101 Atopic Dermatitis - New Insights from Bench to Bedside to Populations

Sunday, February 26, 2023

Convention Center, Lobby Level, Hall 2 8:15 am – 9:45 am

**Lecturer: Richard Gallo, MD PhD**

Human Skin Commensal Microbe for Bacteriotherapy of Atopic Dermatitis

The AAAAI Foundation and Michael M. Frank MD FAAAAI Lectureship will be presented by Richard Gallo, MD PhD on February 26<sup>th</sup> during plenary 3101 Atopic Dermatitis - New Insights from Bench to Bedside to Populations in Convention Center, Lobby Level, Hall 2 8:15 am – 9:45 am (presentation at 8:15 am).

### **Michael M. Frank, MD FAAAAI**



The AAAAI Foundation is pleased to honor the life and work of Dr. Michael Frank with the creation of the Michael M. Frank, MD FAAAAI Lectureship. Throughout his long career, Dr. Frank has made an important mark on the Allergy/Immunology specialty, especially in the area of hereditary angioedema and as a beloved mentor to many in our field.

Dr. Frank is the Samuel L. Katz Professor Emeritus of Pediatrics in the School of Medicine at Duke University and an internationally respected physician-scientist. The research of Dr. Frank's laboratory revolves around effector mechanisms of immune damage. Specifically, the laboratory is interested in understanding how antibody and complement contribute to the damage of tissues and micro-organisms. Overlapping areas of interest include the role of mediators in inflammation and the

functions of antibody and complement in the production of autoimmune disease.

Dr. Frank was born and raised in Brooklyn, New York. Discovering a very early scientific interest, he knew he wanted to be a medical researcher before the age of ten. Dr. Frank credits reading *Microbe Hunters* by Paul de Keraf as a young boy as having inspired an early fascination with the immune system.

Entering the University of Wisconsin at age 15, Dr. Frank developed an interest in infectious diseases through microbial biologist, and subsequent Nobel Prize winner, Joshua Lederberg. He then went on to attend Harvard Medical School and was a House Officer in Medicine at Harvard and in Pediatrics at Johns Hopkins Medical School. After completing his training, he joined the NIH in 1966 as clinical director of allergy and infectious disease. His program led the team that found the first effective treatment for hereditary angioedema. Dr. Frank rose to become section chief at NIAID and served as Clinical Director for his last 13 years at the Institute.

After 24 years at the NIH, Dr. Frank was hand-selected by Dr. Samuel Katz to be his successor as Chair of Pediatrics at Duke. While at Duke, Dr. Frank recognized the need for the pediatrics department to have their own building. He helped spearhead the effort towards the creation of a pediatrics hospital and was instrumental in raising funds and even picking architects for its design. Duke Children's Hospital opened in May of 2000 and has gone on to become one of the foremost children's hospitals in the world. Dr. Frank passed away in August of 2019.

### **Richard Gallo, MD PhD**



Rich Gallo received his training at the University of Chicago, the University of Rochester, Johns Hopkins, and Harvard. His work is best known for his seminal discoveries in the fields of innate immunity and the functions of the microbiome on the skin. As a postdoctoral fellow at Harvard, he was the first to describe the existence of antimicrobial peptides in mammalian skin. His lab has since led research towards understanding how these peptides act in host defense of epithelial surfaces and how they interact with the skin microbiome. Gallo's research has contributed to a better understanding of fundamental mechanisms involved in innate immunity and the pathophysiology of human diseases such as rosacea, atopic dermatitis, and acne. Observations stemming from these findings have described mechanisms by which the skin microbiome protects the skin from infection, and has led to clinical trials for novel therapeutic approaches to disease. He has over 450 publications, many in high profile journals, and has been cited over 65,000 times. Rich is also a dedicated mentor, having launched successful careers of many scientists and physicians around the world. As recognition of these accomplishments Dr. Gallo has been elected to several prestigious societies including the American Association for the Advancement of Science, American Society for Clinical Investigation, Association of American Physicians, American Society of Microbiology, and the American Dermatological Association. Dr. Gallo is a frequently invited speaker, has lectured on 6 continents and has received several international named lectureships and awards including a Nobel lectureship, the Montagna lectureship, the Rene' Touraine Lectureship, the Dohi lectureship and the Sulzberger and Rothman awards for his work in the fields of Dermatology, Microbiology and Immunology.

Richard L. Gallo, M.D., Ph.D.  
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