

The Rebecca Buckley Lectureship



Rebecca Hatcher Buckley, M.D. was born in 1933 in Hamlet, North Carolina. She graduated with an A.B. degree from Duke University in 1954, an MD degree from the University of North Carolina School of Medicine in 1958 and received house staff training in Pediatrics at Duke. Dr. Buckley was a fellow in Allergy under Dr. Susan C. Dees and a fellow in Immunology under Dr. Richard S. Metzgar, all at Duke. She then became a faculty member in the Department of Pediatrics, served as Chief of the Division of Allergy and Immunology from 1974 to 2003 and has been the James Buren Sidbury Distinguished Professor of Pediatrics and Professor of Immunology at Duke since 1979.

Dr. Buckley's research interests have been in the fundamental causes of genetically-determined immunodeficiency diseases. For the past 29 years her research has been on the syndrome of severe combined immunodeficiency (SCID) and the long-term clinical and immunologic outcomes of nonablative T cell-depleted parental bone marrow transplants. This treatment can be provided to all SCID infants, regardless of whether they have a matched sibling donor. For the past one and half decades she has advocated newborn screening for SCID, and the Secretary of HHS officially recommended that this be implemented in May of 2010. Dr. Buckley is the author or co-author of more than 315 scientific publications.

Over 30 national committees and councils have been fortunate to have Dr. Buckley as a member. She was president of The American Academy of Allergy, Asthma and Immunology (AAAAI) from 1979-80. She is a member of the Society for Pediatric Research, the American Pediatric Society (Council 1991-2001; President 1999-2000), American Association for the Advancement of Science, Fellow (2000); Chairman Section on Medical Sciences (2001-2003), American Association of Immunologists (Chairman, Clinical Immunology Committee 1984-87), and American Academy of Pediatrics (Section on Allergy & Immunology; Executive Committee 1981-84). She served two full terms as a Director of the American Board of Allergy and Immunology. Dr. Buckley has also served on a number of editorial boards including the Journal of Immunology, the Journal of Allergy and Clinical Immunology and the Journal of Clinical Immunology, where she was Associate Editor.

She chaired the NIH Immunological Sciences Study Section and was a member of NIAID's Board of Scientific Counselors. Dr. Buckley has received countless awards and honors for her contributions to medicine from organizations such as the National Institutes of Health, the Immune Deficiency Foundation, the American Society for Microbiology and the American Academy of Allergy, Asthma and Immunology where she was named an Honorary Fellow in 1999.

She is a member of Alpha Omega Alpha. In October of 2003 she was elected to the Institute of Medicine of the National Academy of Sciences. On October 13, 2006, she became the recipient of the 2006 William G. Anlyan, M.D. Lifetime Achievement Award from the Duke Medical Alumni Association. On September 30, 2007 she was appointed by the U.S. Secretary of HHS to a 4 year term as a member of the HRSA Advisory Committee on Heritable Disorders of Newborns and Children. On May 3, 2011 she was elected a member of the National Academy of Sciences. Dr. Buckley currently serves on the ITN Data and Safety Monitoring Board for NIAID and as Chairman of the Medical Advisory Committee of the Immune Deficiency Foundation. She remains actively involved in clinical and scientific research, teaching and patient care.

2018 marks the 7th year of the Rebecca Buckley Lectureship. It will be presented at Symposium Session 2307: The Atopic March: What Have We Learned from the Natural History of Atopic Diseases on Saturday, March 3, 2018: 10:45 am to 12:00 pm, Convention Center, South Concourse, Level 2, S230EF.

The Rebecca Buckley Lecturer – Raif S. Geha, MD FAAAAI



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 435 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* and *Journal of Allergy and Clinical Immunology*.

Dr. Geha has received many awards, including 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 120 postdoctoral fellows, many of whom are leaders in the fields of Allergy and Immunology.