



Marc A. Riedl, MD, MS

Professor of Medicine

Clinical Director – US HAEA Angioedema Center

Clinical Service Chief & Training Program Director

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Marc A. Riedl, MD, MS, is a professor of medicine at the University of California, San Diego (UCSD), and the clinical director of the US HAEA Angioedema Center at UCSD in La Jolla, CA, where he also serves as training program director for the Allergy-Immunology Fellowship Program. He received his medical degree from the University of Chicago–Pritzker School of Medicine, completed a residency in internal medicine at Barnes-Jewish Hospital of Washington University in St. Louis (Missouri), and a fellowship in clinical immunology and allergy at the University of California, Los Angeles. Dr Riedl received a Master of Science degree in clinical research and completed advanced training in clinical pharmacology at UCLA. He is board certified in internal medicine, clinical pharmacology, and allergy and immunology.

Dr Riedl's professional interests include angioedema conditions and primary immunodeficiencies. He has published extensively in these areas, serves on numerous editorial boards and scientific committees, as well as appointed expert panels for the FDA and NIH, and directs an active clinical research program at UCSD.



Aleena Banerji, MD

*Clinical Director, Allergy and Clinical Immunology
Director, Drug Allergy Program
Associate Professor, Medicine, Harvard Medical School
Division of Rheumatology, Allergy and Immunology
Boston, MA*

Aleena Banerji, MD, is an associate professor of medicine at Harvard University in Boston, MA and a clinical researcher with a strong reputation in the field of drug allergy and angioedema. She is also the clinical director at Massachusetts General Hospital. Dr Banerji serves as the Director of the Drug Allergy Program, which she built to better manage patients with drug hypersensitivity reactions. Dr Banerji graduated from Northwestern University in Evanston, IL with a BS in Biomedical Engineering before undertaking her medical training at Northwestern University in Chicago, IL. Following her graduation, Dr Banerji completed her internal medicine residency training at University Hospitals of Cleveland/Case Western Reserve in Cleveland, OH. She then joined Massachusetts General Hospital for her allergy/immunology fellowship training and became a member of the allergy/immunology faculty. Dr Banerji is board certified in internal medicine and allergy & immunology.

Dr Banerji leads the inpatient desensitization program for patients with reactions to chemotherapeutics and monoclonal antibodies. As part of this drug allergy program, she collects standardized data on all patients evaluated for drug hypersensitivity to identify risk factors for true hypersensitivity and improve drug allergy diagnosis with skin testing and challenges. Dr Banerji has collaborated with industry on multiple novel agents for hereditary angioedema, including national and international guidelines for the management of angioedema. Dr Banerji has actively participated as an investigator on multiple large clinical trials in hereditary angioedema, several of which were investigator-initiated studies. To date, she has authored/co-authored >70 peer-reviewed papers, including manuscripts published in high-impact journals, such as the *New England Journal of Medicine* and the *Journal of the American Medical Association*.



Sandra C. Christiansen, MD

Professor, Medicine
Department of Medicine
Division Rheumatology, Allergy & Immunology
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Sandra C. Christiansen, MD, is a professor of medicine at the University of California, San Diego in San Diego, CA. After receiving her medical degree from Loyola University Stritch School of Medicine in Maywood, IL, she went on to complete her internship in internal medicine at the University of California Los Angeles Medical Center and her residency in internal medicine at the University of California in San Diego. She then completed fellowships at the Scripps Clinic and Research Foundation. Dr Christiansen is board certified in internal medicine and allergy/immunology.

Dr Christiansen has been actively involved in the U.S. Hereditary Angioedema Association (HAEA) since the organization's inception. She played a key role in developing the HAEA's scientific registry and biorepository and serves on their medical advisory board. She was instrumental in establishing the U.S. HAEA Angioedema Center at UC San Diego where she serves as the Director of Translational Research.

As a professor of medicine, Dr Christiansen's clinical and research interests include angioedema and airway inflammation. She has received numerous grant awards and has been a principal investigator on several NIH-funded projects. She has also led volunteer efforts targeted at upgrading allergy and immunology care for underserved communities.

Dr Christiansen has coauthored over 100 articles, reviews, and book chapters. Her work has appeared in *The Journal of Allergy and Clinical Immunology*, the *New England Journal of Medicine*, *The Journal of Immunology*, and *The Journal of Clinical Investigation*, among others. She has received numerous awards and has consistently been elected as a top physician in the Best Doctors in America® annual survey. Dr Christiansen is a Fellow of the American College of Physicians and the American Academy of Allergy, Asthma and Immunology.



William R. Lumry, MD

Clinical Professor, Internal Medicine
University of Texas Southwestern Medical School
Dallas, TX

William R. Lumry, MD is in private practice in Dallas, TX treating adults and children with allergic diseases and asthma. He is a clinical professor of internal medicine at the University of Texas Southwestern Medical School in Dallas and teaches at Parkland Memorial Hospital. Dr Lumry received his medical degree from the University of Texas Medical Branch at Galveston, completed his internal medicine training at the Barnes/Jewish Hospital at Washington University in St. Louis, MO, and his clinical and research fellowship in allergy and immunology at Scripps Clinic and Research Institute in La Jolla, CA. Dr Lumry is board certified in allergy and immunology.

Dr Lumry actively participates in clinical research projects involving new treatments for asthma, allergic and immune deficiency diseases, and hereditary angioedema as the medical director of the Allergy & Asthma Research Associates (AARA) Center.

Dr Lumry a fellow of the American Academy of Allergy, Asthma and Immunology, the American College of Allergy, Asthma and Immunology, and the American College of Physicians. He is the immediate past president of the Texas Allergy, Asthma and Immunology Society, past president of the American Lung Association – Dallas Area, and a founding director of the Asthma and Allergy Foundation of America – Texas.

Dr Lumry has lectured at local, national, and international conferences and has published articles and abstracts in many peer-reviewed journals, including the *New England Journal of Medicine*, *The Lancet*, *the Annals of Allergy, Asthma, and Immunology*, and *The Journal of Allergy and Clinical Immunology*.



Bruce L. Zuraw, MD

Professor of Medicine

Chair, Section of Allergy & Immunology

Director, Allergy & Immunology Training Program

University of California School of Medicine

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Research Scientist, Veterans Medical Research Foundation

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La Jolla, CA

Bruce L. Zuraw, MD, is a professor of medicine, chief of the Section of Allergy & Immunology, and director of the Allergy & Immunology Training Program at the University of California School of Medicine, San Diego. Dr Zuraw received a medical degree from Loyola University Chicago Stritch School of Medicine in Maywood, IL, where he also completed his residency in internal medicine. Dr Zuraw then served as a postdoctoral fellow and chief clinical fellow at the Scripps Clinic & Research Foundation in La Jolla, CA. He is board certified in internal medicine and allergy and immunology.

Dr Zuraw's research focuses on allergic inflammation in humans, with particular attention to hereditary angioedema and on the mechanism of action of glucocorticoids. He has published more than 150 papers, book chapters, abstracts, and other publications in the field of allergy and immunology; he has served as journal reviewer for 24 journals; and he is a member of the review board for *The Journal of Allergy and Clinical Immunology*. He has also served as invited editor for the *Immunology and Allergy Clinics of North America* (angioedema volume).

Dr Zuraw has received numerous honors and awards for his contributions to the field, and has been on the Best Doctors in America® list since 1996.