



- Chief, Division of Allergy & Clinical Immunology
- Professor
- Veda H. and Chauncey H. Ritter Chair in Immunology
- Department of Medicine
- Division of Allergy & Clinical Immunology

Conditions Treated:

- Food Allergies
- Medication/Drug Allergy
- Hives (Urticaria)
- Allergic Rhinitis (Hay Fever)
- Anaphylaxis
- Eczema (Atopic Dermatitis) Overview
- Angioedema
- Occupational Asthma
- Eosinophilic Lung Diseases
- Immune Deficiency and Immune Dysregulation Disorders
- Sinusitis

Research Areas:

- Cellular and Molecular Biology
- Inflammation

Programs & Services:

- Allergy Treatment Programs (Adult)
- Division of Allergy and Clinical Immunology (Adult)
- Immune Deficiency and Immune Dysregulation Disorders
- Department of Medicine
- Asthma Treatment Program (Adult)

1. Basic Science Research: The major research interest of the laboratory are 1) Mechanism of formation of ILC2 memory for allergen-associated PAMPs; 2) DNA sensor-driven airway neutrophilic inflammation.
2. Translational/Clinical Research: The major interest is to identify key cells, pathways and molecules involved in type-2 (eosinophilic) and non-type-2 (neutrophilic) endotypes of asthma.

Board Certification

American Board of Internal Medicine
American Board of Allergy and Immunology

Education

1974 - 1980 Lodz Medical School (Lodz, Poland), MD

Residency

1981 - 1983 Lodz Medical School (Lodz, Poland), Internal Medicine

Fellowship

1987 - 1988 University of Texas Medical Branch at Galveston, Allergy-Immunology

Affiliations with the University of Colorado Denver

Faculty Affiliate, University of Colorado School of Medicine

Professional Memberships

2012-Present: Association of American Physicians
1997-Present: American Society for Clinical Investigation
1993-Present: Southern Society for Clinical Investigation
1992-Present: American College of Physicians
1989-Present: American Thoracic Society
1989-Present: American Association of Immunologists
1988-Present: American Academy of Allergy and Immunology
1986-Present: American College of Allergists

Awards & Recognition

June 2021: HAMI ZRG1 IMM-T57 Study Section, NIH, Ad Hoc member
October 2020: HAMI ZRG1 IMM-T57 Study Section, NIH, Chair
2016-2020: HAI Study Section, NIH, Standing Member
2015: Outstanding Scientific Achievement Award, 2015, National Jewish Health, Denver
2014-2021: Best Doctors in America (Best Doctors, Inc), Top Doctors (US News and World Report)
2012: Election to Association of American Physicians (AAP)
1997: Election to American Society for Clinical Investigation (ASCI)
2000: Sealy & Smith Distinguished Centennial Chair in Medicine, University of Texas Medical Branch
1993: Pharmacia Allergy Research Foundation Award (an International Contest)
1989: Burroughs Wellcome Developing Investigator Award
1987: Clemens von Pirquet Award of the American College of Allergists
1985: Annual Award of the Polish Society of Allergists for the best Ph.D. dissertation
1980: Copernicus Gold Prize of the Polish Ministry of Sciences and Higher Education
1980: M.D. Valedictorian, Class of 1980, Lodz Medical University
1980: Ranked First in All-Poland Medical Graduate Final Examination

Publications

Liu S, Sirohi K, Verma M, McKay J, Michalec L, Sripada A, Danhorn T, Rollins D, Good J, Martin RJ, Gorska MM and Alam R. Optimal identification of human conventional and nonconventional (CRTH2⁺IL7R α ⁺) ILC2s using additional surface markers. *J Allergy Clin Immunol.* 2020;146(2):390-405. doi:10.1016/j.jaci.2020.01.038.

Sripada A, Sirohi K, Michalec L, Gorentla B, Guo L, McKay J, Yadav S, Verma M, Good J, Rollins D, Gorska MM and Alam R. Sprouty2 positively regulates T cell function and airway inflammation through regulation of CSK and LCK. *PLoS Biol.* 2021 Mar 8;19(3):e3001063. doi: 10.1371/journal.pbio.3001063. PMID: 33684096.

Verma M, Michalec L, Sripada A, McKay J, Sirohi K, Verma D, Sheth D, Martin R, Dyjack N, Seibold MA, Knapp JR, Tu TH, O'Connor BP, Gorska MM, Alam R. The molecular and epigenetic mechanisms of innate lymphoid cell (ILC) memory and its relevance for asthma. *J Exp Med.* 2021 Jul 5;218(7):e20201354. doi: 10.1084/jem.20201354. Epub 2021 Jun 2. PMID: 34076685; PMCID: PMC8176441.

Murphy RC, Pavord ID, Alam R, and Altman MC. Management strategies to reduce exacerbations in non-T2 asthma. *Journal Allergy and Clinical Immunology in Practice, J Allergy Clin Immunol Pract.* 2021 Jul;9(7):2588-2597.

Verma M, Verma D and Alam R. Role of Type-2 Innate Lymphoid Cells in Type-2 Asthma. *Current Opinion in Allergy and Clinical Immunology* 2022 Feb 1;22(1):29-35.

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Doctor's Contact Information

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