



- 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](#)

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](#)

Alam R, Good J, Rollins D, Verma M, Chu H, Pham TH, Martin RJ. Airway and Serum Biochemical Correlates of Refractory Neutrophilic Asthma. *J Allergy Clin Immunol*, 140(4):1004-1014.e13, 2017. PMID: 28163052, PMCID: PMC5540819.

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.

[View Biographical Sketch](#)

[Doctor's Contact Information](#)

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Locations

National Jewish Health Main Campus
1400 Jackson St.

Denver, CO 80206