

PAYAL D. PATEL, M.D.

Education

- 08/97-05/01 Rutgers University, New Brunswick, NJ
Bachelor of Arts – Molecular Biology and Biochemistry
Minor-Cultural Anthropology
- 08/03-05/07 University of Vermont College of Medicine, Burlington, VT
Doctor of Medicine

Post Graduate Training

- 07/07-06/08 Albert Einstein College of Medicine (AECOM)- Children's Hospital at Montefiore, Bronx, NY
Intern- Department of Pediatrics
- 07/08-06/10 Albert Einstein College of Medicine (AECOM)- Children's Hospital at Montefiore, Bronx, NY
Resident- Department of Pediatrics
- 07/11-06/13 Albert Einstein College of Medicine (AECOM)-Montefiore Medical Center, Bronx, NY
Fellow-Department of Allergy and Immunology

Work Experience

- 7/10-6/11 Lutheran Medical Center, New York, NY
Department of Pediatrics
Pediatric hospitalist
- 8/13-7/16 Allergy Asthma Care, P.C., Crown Point, IN
Physician

Honors and Awards

- 1999 Cook College Assistant Education Grant
- 2000 Golden Key National Honor Society
- 2000 Departmental High Honors
- 2000 Henry Rutgers Scholars Program

Professional Society Memberships

2011-Present Member, American College of Allergy, Asthma, and Immunology
2011-Present Member, American Academy of Allergy, Asthma, and Immunology

Licensure

2012 Illinois State medical license
2013 Indiana State medical license

Board Certifications

2010 American Board of Pediatrics
2013 American Board of Allergy and Immunology

Departmental and Medical School Activities

2003 - 2004 Global Health Advocates
2004 Dharamshi Desai Cardiology Institute
2004-2005 Physicians for Human Rights
2006-2007 Greater Burlington YMCA, After-School Program

Research Experience

06/96-08/96 The Rockefeller University, New York, NY
Laboratory of Clinical Microbiology and Immunology
John Zabriskie, MD and Emeritus Faculty

Research Student
Research focused on the screening of cDNA libraries for the analysis of the pathophysiology of Sydenham's Chorea

01/99-09/99 Center for Advanced Biotechnology and Medicine, New Brunswick, NJ
Dept. of Molecular Biology and Biochemistry
Tom Acton, Ph.D.

Research Student
Sequenced novel areas of the *C.elegans* genome with assessment of structure and function of these gene sequences

09/00-05/01 The Environmental and Occupational Health Sciences, New Brunswick, NJ
Dept. of Toxicology

Jeffrey Laskin, PhD

Research Assistant

Analysis of a class of novel cytotoxic compounds via structure-activity relationships. Focused on mapping the optimal in vitro mechanism of action of these compounds

06/01-09/01 Merck Research Laboratories, Rahway, NJ
Dept. of Metabolic Disorders
Ying Li, PhD

Research Assistant

Evaluation of anti-inflammatory effects of PPAR alpha agonists and statins on delayed-type hypersensitivity animal models

05/06-06/06 Long Island Jewish Medical Center, New Hyde Park, NY
Dept. of Urology
Gopal Badlani, MD

Research Assistant

Retrospective study to compare the outcomes of conventional surgical repair of pelvic organ prolapse to that of an experimental procedure using an H-shaped mesh

08/08-09/08 Albert Einstein College of Medicine, Bronx, NY
Dept. of Allergy and Immunology
Arye Rubinstein, MD

Research Assistant

Retrospective analysis to identify a potentially significant genetic mutation with a novel association to common variable immune deficiency

08/09-09/09 Mount Sinai Medical Center, New York, NY
Dept. of Clinical Immunology
Charlotte Cunningham-Rundles, MD, Ph.D.

Visiting Immunology Scholar

Training program through USIDNET involved enhancement of both clinical and laboratory knowledge of primary immune deficiencies

09/09-06/10 Mount Sinai Medical Center, New York, NY
Dept. of Clinical Immunology

Anne Maitland, MD, Ph.D.

Research Assistant

Assessment of asthma education in the academic ambulatory primary care setting.
Development of an asthma education module to improve understanding and management of asthma in resident training programs.

BIBLIOGRAPHY

Abstracts and Presentations at Scientific Meetings

1. **Patel PD.** *Analysis of a Class of Novel Cytotoxic Compounds: Structure Activity Relationships and Mechanistic Studies.* Presented at Robert Wood Johnson Medical School, Department of Molecular Biology and Biochemistry, 04/01.
2. **Patel PD.** *Educational and Community Based Programs at the YMCA: Improving Nutrition and Physical Activity.* Presented at The University of Vermont College of Medicine, 03/05.
3. **Patel PD, Fodeman J and Jariwala S.** *An Unusual Association Between Sweet's Syndrome and Anaplastic Thyroid Carcinoma.* *Annals of Allergy, Asthma, and Immunology.* 2009 Jan; 102(S1): A125.
4. **Patel PD and Manwani D.** *A Unique Presentation of Wiskott-Aldrich Syndrome in Relation to Platelet Size.* *Annals of Allergy, Asthma, and Immunology.* 2009 Nov; 103(S3):A87.
5. **Patel PD, Jariwala S, Tieng A.** *Hypereosinophilic Syndrome Associated with Rheumatoid Arthritis.* *Annals of Allergy, Asthma, and Immunology.* 2009 Nov; 103(S3):A118.
6. **Jariwala S and Patel PD.** *Strongyloidiasis Presenting as Chronic Eosinophilia and Diarrhea.* *Annals of Allergy, Asthma, and Immunology.* 2009 Nov; 103(S3):A106.
7. **Jariwala S, Toh J, Patel PD, Lee S, Fodeman J, Rosenstreich D.** *Association between Asthma-Related Emergency Department Visits, Mold, and Pollen Concentrations in the Bronx.* *Journal of Allergy and Clinical Immunology.* 2010 Feb;125(S1): AB5.
8. **Patel PD and Rubinstein A.** *Hypogammaglobulinemia in the Setting of Necrobiotic Xanthogranuloma.* *Annals of Allergy, Asthma, and Immunology.* 2011 Nov; 107(S5):A106.

9. **Patel PD** and Rubinstein A. *B Cell Reconstitution Following Rituximab in Autoimmune Disorders in Patients with and without Common Variable Immunodeficiency*. *Journal of Allergy and Clinical Immunology* 2012 Feb;129(S2):A10-A32.
10. **Patel PD** and Rubinstein A. *Hyper-IgM Variant Due to a Thr254Met Missense Mutation*. *Annals of Allergy, Asthma, and Immunology*. 2012 Nov;109(S5):A106.
11. Rampur L, **Patel PD**, Jariwala S, Viau R, Hudes G, Rosenstreich DI. *A Case of DRESS Syndrome Associated with Strongyloidiasis*. *Annals of Allergy, Asthma, and Immunology*. 2012 Nov;109(S5):A80.
12. Dy T, **Patel PD**, Rubinstein A. *Heterozygous ARTEMIS Mutation Resulting in a Combined Immunodeficiency*. *Annals of Allergy, Asthma, and Immunology*. 2011 Nov; 107(S5):A109.
13. **Patel PD**, Rasheed M, Rubinstein A. *Clinical and Immunologic Role of Mannose Binding Lectin Deficiency*. *Journal of Allergy and Clinical Immunology* 2013 Feb; 131(S2):AB09.
14. Toh J, **Patel PD**, Eisenfeld M, Madan R, Rosen L, Rubinstein A. *Specific Antibody Deficiency and Chronic Mucocutaneous Candidiasis in Stat1 Gain-Of-Function Mutation*. *Journal of Clinical Immunology* 2016 Apr; 36:235-334. A4305.

Review Articles and Case Reports

1. **Patel PD**, Amrute KV, Badlani GH. *Pathophysiology of Pelvic Organ Prolapse and Stress Urinary Incontinence*. *Indian Journal of Urology*. 2006;24(4):310-16.
2. **Patel PD**, Samanich JM, Mitchell WB, Manwani D. *A Unique Presentation of Wiskott-Aldrich Syndrome in Relation to Platelet Size*. *Pediatric Blood and Cancer*. 2011;56(7): 1127-9.
3. Jariwala S, Benson A, **Patel P**, Friedman A, Broadway K. *An Unusual Association Between Sweet's Syndrome and Metastatic Papillary Follicular Thyroid Carcinoma*. *Annals of Dermatology*. 2013;25(1):84-7
4. Rampur L, Jariwala S, Amin B, **Patel P**, Rosenstreich D. *DRESS Syndrome with suspected Strongyloides infection in a patient treated for Hepatitis C*. *Annals of Allergy, Asthma, and Immunology*. 2013;111(2):138-139

Guest Lectures

1. **Patel, PD.** *Complement System.* Presented at: Pediatric Rheumatology Grand Rounds, Albert Einstein College of Medicine-Montefiore Medical Center; June 25, 2013; New York, NY
2. **Patel, PD.** *Skin Testing and Allergy Diagnosis.* Presented at: Pediatric Noon Conference, Albert Einstein College of Medicine-Montefiore Medical Center; February 13, 2012; New York, NY

