



SOUTHERN CALIFORNIA ALLERGY

ALLERGY | ASTHMA | IMMUNOLOGY

Danica Jenine Schulte, M.D.

EDUCATION

- 1996 **Santa Clara University**, Santa Clara, California
Degree Awarded: Bachelor of Science in Biology, *Cum Laude*
- 1994 **University of Adelaide**, Adelaide, Australia
- 1996-2000 **Loyola University of Chicago**, Stritch School of Medicine Maywood, Illinois
Degree Awarded: Doctor of Medicine, with Honors

POST-GRADUATE TRAINING

- 2000-2001 **Internship in Pediatrics**
Cedars-Sinai Medical Center, Los Angeles, California
- 2001-2003 **Residency in Pediatrics**
Cedars-Sinai Medical Center, Los Angeles, California
- 2003-2006 **Fellowship, Pediatric Infectious Diseases**
Cedars-Sinai Medical Center, Los Angeles, California
- 2006-12/2007 **Fellowship, Allergy and Immunology**
UCLA, David Geffen School of Medicine Los Angeles, California

BOARD CERTIFICATION

- 2003, 2013 Diplomat, American Board of Pediatrics
- 2008 Board Certified, Allergy and Immunology
- 2009 Board Certified, Pediatric Infectious Disease



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FACULTY POSITION

2008-present	Assistant Professor of Pediatrics Pediatric Infectious Diseases, Immunology and Allergy Cedars-Sinai Medical Center
2008-present	Assistant Professor UCLA David Geffen School of Medicine Department of Pediatrics, Los Angeles, California
2007-2008	Clinical Instructor UCLA David Geffen School of Medicine, Department of Pediatrics, Los Angeles, California
2005	Attending Physician Pediatrics, Cedars-Sinai Medical Center

PROFESSIONAL ACTIVITIES

University Committees

2008-2012	Member, Academic Senate UCLA
2009-2012	Intern Selection Committee, Tri-Campus program, Department of Pediatrics, UCLA

Hospital Committees

2007-2013	Children's Health Center Operations Committee, Cedars-Sinai Medical Center
2008-3/2012	Pediatric Pharmacy and Therapeutics Committee, Cedars-Sinai Medical Center

Department Committees

2009-2014	Department of Pediatrics Grand Rounds Committee, Cedars-Sinai Medical Center
2012-2014	Department of Pediatrics, Community Outreach Committee, Cedars-Sinai Medical Center

Community Service

November 2004	Invited Speaker, Mount St. Mary's College. "Women and Higher Education: Inspiring Minds, Inspiring Direction"
March 2007	Invited Speaker, Mount St. Mary's College International Women's Day Colloquium
Summers 2008-present	Physician Mentor, Annual Gene Black Summer Medical Student Program Los Angeles Pediatric Society
November 2010	Invited Speaker, Robert A. Millikan Middle School.



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Group discussion and lecture on Sexually Transmitted Diseases

- Summer 2009-2011 Physician Mentor
Youth Employment and Development Health Academy, Fairfax High School
- April 2012 Community Wellness Fair, Rite Aide Pharmacy, Van Nuys, CA.
- August 2013 ACAAI national asthma screening program, Encino CA
- October 2013 Invited Speaker, Bishop Alemany High School Career Day

PROFESSIONAL ASSOCIATIONS AND SCHOLARLY SOCIETIES

- 2000 Member, American Academy of Pediatrics
- 2003, current Drug Enforcement Administration Registration
- 2003 Member, Infectious Diseases Society of America
- 2003 Member, Pediatric Infectious Diseases Society
- 2006 Member, American College of Allergy, Asthma and Immunology Member, American
- 2013 Academy of Allergy, Asthma and Immunology Board Member
Los Angeles Allergy, Asthma and Immunology Society
- 2015 Member Western Society of Allergy, Asthma and Immunology.

CONSULTING ACTIVITIES

- Spring 2008 National Media Speaker for the Asthma and Allergy Foundation of America
Fall Allergy Capitals campaign
- April 2009 Invited speaker to discuss DiGeorge Syndrome
“The Doctors” television program to discuss immunology and DiGeorge syndrome
- October 2013 Invited speaker to discuss Food Allergies
“The Doctors” television program
- Spring 2014 Guest speaker on “The Doctors” television program on 3 program dates to discuss various
allergy and sinus related topics.
- Spring 2015 Guest speaker on “The Doctors” television program on 2 program dates to discuss obesity
and asthma and allergic contact dermatitis.



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May 2016	Guest speaker on “Home and Family” television program to discuss allergy avoidance measures and treatment options.
September 2017	Primary source interview for LA Parent magazine, “Does Your Child Have Food Allergies?”
April 2018	Guest speaker on “The Doctors” television program to discuss allergies and sinus concerns.
September 2018	Advisory board member, ALK.
October 2018	Guest speaker on “The Doctors” television program to discuss nasal allergies and side effects of allergy medications.
April 2019	Guest speaker on “The Doctors” television program to discuss side effects of allergy medications.

PRINCIPAL INVESTIGATOR GRANTS

1 K08 A1070162-020151 “Innate Immunity and Mouse Model of Kawasaki Disease” (PI Schulte, D) May 1, 2007-April 30, 2012. NIAID

1R03AI097748-01: “Potential Role of IL-1B Therapies for Treatment of Vasculitis of Kawasaki Disease” February 1, 2012- January 31, 2014 NIAID

RESEARCH AWARDS

2004-2011	NIH Pediatric Research Loan Repayment Grant “Role of Toll-Like Receptors and the Adaptor Molecule MyD88 in Kawasaki Disease. Mechanisms of IVIG-Induced Protection of Arteritis in Kawasaki Disease”.
1995	American Heart Association Student Researcher Grant

HONORS

2013	Circle of Friends, Honored for Outstanding Patient Care.
2008-2010	Senior Clinical Scholar, Cedars-Sinai Medical Center



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2006	Golden Apple Award, "Excellence in Teaching by a Fellow" Department of Pediatrics, Cedars-Sinai Medical Center
2004	Standing Ovation Award for Excellence in Patient Care
2003-2004	Golden Apple Award, "Excellence in Teaching by a Fellow" Department of Pediatrics, Cedars-Sinai Medical Center
2000	Clinical Honors in Internal Medicine, Family Medicine, Psychiatry, Surgery, Neonatal ICU, Pediatrics Infectious Disease, Pediatrics Emergency Medicine.
1998, 1999	Medical and Dental Scholarship, Loyola University

SELECTED TEACHING ACTIVITIES AND LECTURES

2009-present	Monthly collaborative Allergy, Immunology and Gastroenterology clinic at Cedars-Sinai Medical Center
May 2003-2017	"The Immunology of Food Allergy" Pediatrics Noon Conference, Cedars-Sinai Medical Center
2003-March 2012	Neonatal Core Lecturer, "Congenital Infections" Monthly lecture for the house staff rotating in the Neonatal Intensive Care Unit at Cedars-Sinai Medical Center
May 2004	"Lymphocytic Choriomeningitis Virus" Los Angeles/Orange County Infectious Diseases, Symposium
June 2004	"Congenital Lymphocytic Choriomeningitis Virus" Case Conference, Cedars-Sinai Medical Center
June 2005-2014	"Tuberculosis for the Pediatrician" Pediatrics Noon Conference, Cedars-Sinai Medical Center
September 2005	"The Truth about Vaccines" Emergency Core Lecture Series, Pediatrics Noon Conference
May 2006, May 2007	"A Murine Model of Kawasaki Disease, a research update" Los Angeles/Orange County Infectious Diseases Symposium



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- November 2006 “The Immunology of DiGeorge Syndrome”
Pediatric Grand Rounds, Cedars-Sinai Medical Center
- May 2008 “Innate and Adaptive Immune System in a Murine Model of Coronary Arteritis”
Los Angeles/Orange County Infectious Diseases Symposium
- August 2008 “Innate and Adaptive Immunity in a Mouse Model of Kawasaki Disease”
UCLA, Grand Rounds
- October 2008 “Immunodeficiencies and Infection”
PhD course on Immunobiology, Biomedical Sciences and Translational Medicine
Cedars-Sinai Medical Center, Los Angeles, CA
- January 2009 “Food Allergies: A Review”
Cedars-Sinai Pediatric Grand Rounds, Los Angeles, CA
- February 2009 “Surviving Grant writing”
PhD lecture to the Biomedical Sciences and Translational Medicine Graduate students
Cedars-Sinai Medical Center, Los Angeles, CA.
- May 2009 “Food Allergies: A Review for the Pediatrician”
Invited Speaker, Pediatric Symposium, Bakersfield Memorial Hospital
- January 2010 “Pediatric Cough, Cold and Flu”
Invited Speaker, CalOptima Pharmacy Continuing Education
- March 2010 “Primary Immunodeficiencies”
UCLA, Pediatric Infectious Diseases educational series
- October 2010-
present “Immunodeficiencies and the General Pediatrician”
UCLA-Cedars- Sinai Pediatric Residency Teaching Program.
- October 2010 “Persistent Pneumonia in a neonate: Chronic Granulomatous Disease”
Department of Pediatrics, Case Conference, Cedars-Sinai Medical Center
- November 2010 “Pediatric Asthma: A common sense approach to the chronic cough in a child”
Invited speaker, Pharmacy CalOptima Pharmacy Continuing Education.
- May 2011 “TB Facts or Fiction”
Staff in-service for Children’s Health Center



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May 2011	“Respiratory Distress in a Neonate” Los Angeles/Orange County Infectious Diseases Symposium
June 2011	“Confronting Food Allergies from a Pediatric Perspective” Torrance Memorial Grand Rounds
August 2011	“Current Challenges in Pediatric Healthcare for Physicians from Central America and the Caribbean”, Invited speaker and panel participant.
November 2011, January 2012	“Pediatric Cough, Cold and Flu” Pediatric Noon Conference, Cedars- Sinai Medical Center
June 2012	Featured speaker on Food Allergies “Pediatric State of the Art” symposium at Cedars-Sinai Medical Center
June 2012	“Food Allergies and the Pediatric Population” Invited Speaker for the International Pediatric Symposium at Cedars-Sinai Medical Center.
March 2013	“Eczema Herpeticum”, Case Conference, Cedars-Sinai Medical Center
March 2013	“Update on Food Allergy” Pediatric Noon Conference, Cedars-Sinai Medical Center
June 2013	Invited Speaker, Pediatrics State of the Art Conference “Update on Vaccines, 2013”, Cedars-Sinai Medical Center
October 2014	Invited Speaker, Sinus Center of Excellence CME dinner program “Chronic Sinusitis...Thinking outside the Box”, Cedars-Sinai Medical Center
September 2015	Invited Speaker, UCLA Pediatric Board Review “Primary Immunodeficiencies”



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RESEARCH PAPERS (PEER-REVIEWED)

1. **Schulte DJ****, Rosenkranz ME**, Agle LMA, Wong MH, Zhang W, Ivashkiv L, Doherty TM, Fishbein MC, Lehman TJ, Michelsen KS, Arditi M. "TLR2 and MyD88 Contribute to Lactobacillus casei Extract-Induced Focal Coronary Arteritis in a Mouse Model of Kawasaki Disease" *Circulation*. 2005;112:2966-2973. (**=Co-first authors)
2. **Schulte DJ**, Comer JA, Erikson B, Rollin PE, Nichol ST, Ksiazek TG, Lehman D, "Congenital Lymphocytic Choriomeningitis Virus: An Underdiagnosed Cause of Neonatal Hydrocephalus" *Pediatr Infect Dis J*. 2006;25(6):560-2.
3. Yilmaz A, Rowley A, **Schulte DJ**, Doherty TM, Schroeder NWJ, Fishbein MC, Kalekar M, Cicha I, Schubert K, Daniel WG, Garlich CD and Arditi M. "Activated Myeloid Dendritic Cells Accumulate and Co-Localize With CD3+ T Cells in Coronary Artery Lesions in Patients with Kawasaki Disease" *Exp Molec Path* 2007;83(1):93-103.
4. Chen S, Wong MH, **Schulte DJ**, Arditi M, Michelsen KS. "Differential Expression of Toll-like receptor 2 (TLR2) and Responses to TLR2 Ligands between Human and Murine Vascular Endothelial Cells" *J Endotoxin Res* 2007;13: 281-296
5. Schroder NWJ, Crother TR, Naiki Y, Chen S, Wong MH, Yilmaz A, Slepkin A, **Schulte D**, Alsabeh R, Doherty TM, Peterson E, Nel AE, Arditi M, "Innate Immune Responses during Respiratory Infection with a Bacterial Pathogen Induce Allergic Airway Sensitization" *J Allergy Clin Immunol* 2008 Sep;122(3):595-602.
6. **Schulte DJ**, Yilmaz A, Shimada K, Fishbein M, Lowe EL, Chen S, Wong M, Doherty TM, Lehman T, Crother T, Sorrentino R, Arditi M. "Involvement of Innate and Adaptive Immunity in a Murine Model of Coronary Arteritis Mimicking Kawasaki Disease" *J Immunol* 2009;183 (8) 5311-8.
7. Lee YH, **Schulte DJ**, Shimada K, Chen S, Crother TR, Chiba N, Fishbein MC, Lehman TJA, and Moshe Arditi "IL-1 β is Crucial for Induction of Coronary Artery Inflammation in a Mouse Model of Kawasaki Disease" *Circulation* 2012;125
8. Chen S, Lee YH, Crother TR, Fishbein M, Zhang W, Yilmaz A, Shimada K, **Schulte DJ**, Lehman TJA, Shah PK, Arditi M "Marked Acceleration of Atherosclerosis following Lactobacillus casei induced Coronary Arteritis in a Mouse Model of Kawasaki Disease" *Arterioscler Thromb Vasc Biol*. 2012 August; 32(8): e60-e71



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CHAPTERS

Schulte DJ and Cherry JD. "Human Parvovirus B19" In Feigin & Cherry's Textbook of Pediatric Infectious Diseases. 6th edition, Eds Feigin RD, Cherry JD, Demmler-Harrison GJ, Kaplan SL, Saunders Elsevier: Philadelphia, 2009.1902-1920.

Schulte DJ and Cherry JD. "Human Parvovirus B19" In Feigin & Cherry's Textbook of Pediatric Infectious Diseases. 7th edition, Eds Feigin RD, Cherry JD, Demmler-Harrison GJ, Kaplan SL, Saunders Elsevier: Philadelphia, 2013

Schulte DJ and Lehman D. "Passive Immunization" In Feigin & Cherry's Textbook of Pediatric Infectious Diseases. 7th edition, Eds Feigin RD, Cherry JD, Demmler-Harrison GJ, Kaplan SL, Saunders Elsevier: Philadelphia, 2013

Schulte DJ. "Human Parvovirus B19" In Feigin & Cherry's Pediatric Infectious Diseases. 8th edition, Eds. Cherry JD, Demmler-Harrison GJ, Kaplan SL, Steinbach WJ, Hotez PJ. Elsevier: Philadelphia, 2018
Danica Schulte, MD

Schulte DJ. "Passive Immunization" In Feigin & Cherry's Textbook of Pediatric Infectious Diseases. 8th edition, Eds. Cherry JD, Demmler-Harrison GJ, Kaplan SL, Steinbach WJ, Hotez PJ. Elsevier: Philadelphia, 2018

RESEARCH ABSTRACTS AND RESEARCH ORAL PRESENTATIONS

1. **Schulte DJ**, Van Hoek, A. "The Selectivity of the Water Channel Forming Intrinsic Protein of 28kDa (CHIP 28) of Erythrocytes and Kidney Proximal Tubule". Oral Presentation at American Heart Association Meeting, San Francisco, California. August 1995

2. **Schulte DJ**, Michelsen KS, Zhang W, Rosenkranz ME, Arditi M. "LPS and *Lactobacillus casei* Cell Wall Extract Induced Cytokine Release in Endothelial Cells is Inhibited by IVIG. Implications for the Treatment of Kawasaki Disease". Poster Presentation at St. Jude/Pediatrics Infectious Diseases Society Pediatric Microbial Research Conference, Memphis, Tennessee. February, 2004.

3. **Schulte DJ**, Michelsen KS, Zhang W, Rosenkranz ME, Arditi M. Pediatric Academic Societies' Annual Meeting, San Francisco, California. "IVIG Reduces LPS and *Lactobacillus casei* Cell Wall Extract Induced Chemokine and Cytokine Release in Murine Aortic and Human Coronary Artery Endothelial Cells. Implications for Kawasaki Disease". Poster presentation at Society for Pediatric Research Meeting, San Francisco, California, May 2004.

4. **Schulte DJ**, Michelsen KS, Zhang W, Rosenkranz ME, Arditi M. "Intravenous Immunoglobulin Reduces Lipopolysaccharide and *Lactobacillus casei* Cell Wall Extract-Induced Activation of Aortic and Coronary Artery Endothelial Cells". Oral presentation in the 8th International Kawasaki Disease Symposium, American Heart Association, San Diego, California. February 18, 2005



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5. **Schulte DJ**, Michelsen KS, Zhang W, Rosenkranz ME, Arditi M “Intravenous Immune Globulin Treatment Reduces Lipopolysaccharide- or *Lactobacillus casei* Cell Wall Extract- induced Activation of Proinflammatory Mediators in Endothelial Cells via Toll-Like Receptor 2”. Poster presentation at Society for Pediatric Research Meeting, Washington, DC, May 2005.
6. **Schulte DJ**, Lowe E, Wong M, Chen S, Fishbein MC, Shimada, K, and Arditi M. “The Role of Adaptive Immunity and T cells in a Murine Model of Coronary Arteritis”. Oral Presentation, Society for Pediatric Research Meeting, Toronto, May 2007.
7. **Schulte DJ**, Yilmaz A, Lowe E, Wong M, Chen S, Fishbein M, Shimada K, Crother T, Sorrentino, R, Arditi M “The Role of Innate and Adaptive Immunity in a Murine Model of Coronary Arteritis-Kawasaki Disease”. Accepted for Oral Presentation, International Kawasaki Disease Symposium, Taipei, Taiwan, April 2008.
8. **Schulte DJ**, Yilmaz A, Lowe E, Wong M, Chen S, Fishbein M, Shimada K, Crother T, Sorrentino, R, Arditi M “The Role of B cells, T cells, and Dendritic Cells in a Murine Model of Coronary Arteritis”. Oral Presentation, Society for Pediatric Research, Honolulu, Hawaii, May 2008.
9. Chen S, Lee YH, **Schulte DJ**, Zhang W, Shimada K, Crother TR, Fishbein, MC, Lehman TJA, Arditi M “Significant Acceleration of Atherosclerosis Following Lactococcus Casei Extract- Induced Coronary Arteritis in Mouse Model of Kawasaki Disease”. Poster Presentation, Society for Pediatric Research, Denver, Colorado, May 2011