



Jean A. Wiedeman, M.D., Ph.D.

Clinical Interests	Jean A. Wiedeman specializes in the treatment of children with infectious diseases, especially complex clinical cases or those with problematic diagnostic and management intricacies. She has extensive experience managing the care of children who are HIV-positive or have AIDS and serves as a consultant for the only CCS-approved pediatric infectious diseases and immunology center in northeastern California. Wiedeman's current research involves the study of chlamydia pneumoniae and the role it may play in atherosclerosis.
Title	Associate Professor
Specialty	Pediatric Infectious Diseases
Department	Pediatrics
Division	Pediatric Infectious Diseases, Immunology and Allergy
Center/Program Affiliation	UC Davis Children's Hospital
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Education	M.D., Southern Illinois University School of Medicine, Springfield, Illinois, 1980 B.A., Illinois Wesleyan University, Bloomington, Illinois, 1976
Internships	The University of Texas Medical School, San Antonio, Texas, 1980-81
Residency	The University of Texas Medical School, San Antonio, Texas, 1981-83
Fellowships	The University of Texas Health Science Center, San Antonio, Texas, 1983-85
Board Certifications	American Board of Pediatrics, 1985
Professional Memberships	American Academy of Pediatrics American Society of Microbiology Infectious Diseases Society of America Pediatric Infectious Diseases Society Society for General Microbiology - United Kingdom



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Select Recent Publications

- Antkowiak TT, Polage CR, Wiedeman JA, Meehan JP, Jamali AA. Chondrolysis of the Tibial Plateau Caused by Articular Aspergillosis After ACL Autograft Reconstruction: Management with a Fresh Osteochondral Allograft: A Case Report. *J Bone Joint Surg Am.* 2011 Nov 2;93(21):e1241-6.
- Chantry CJ, Wiedeman J, Buehring G, Peerson JM, Hayfron K, K'Aluoch O, Lonnerdal B, Israel-Ballard K, Coutsooudis A, Abrams B. Effect of flash-heat treatment on antimicrobial activity of breastmilk. *Breastfeed Med.* 2011 Jun;6(3):111-6. Epub 2010 Nov 23.
- Chiou HL, Wiedeman JA, Devaraj S, Subramanian N. C-Reactive Protein Outperformed Pro calcitonin as an Early Biomarker for Central Line-Related Bloodstream Infection in Neonates. Submitted: *Pediatric Infectious Diseases Journal.* 2010
- Hayfron K and Wiedeman JA. A 7-year-old Girl with Ulcerative Lesion after a Rodent Bite. *Pediatric Infectious Diseases Journal.* 2009
- Wiedeman JA, Kaul R, Heuer L, Thao NN, Pinkerton K, Wenman WM. Cigarette smoke induces a persistent but recoverable state in *Chlamydia pneumoniae* infection of human endothelial cells. *Microbial Pathogenesis* 39: 197-204. 2005
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- Bolovan-Fritts C and Wiedeman J. Mapping the Viral Genetic Determinants of Endothelial Cell Tropism in Human Cytomegalovirus. *Journal of Clinical Virology* 25:597-5109. 2002
- Bolovan-Fritts C and Wiedeman J. Human Cytomegalovirus Strain Toledo Lacks a Viral Encoded Tropism Factor Required for Infection of Aortic Endothelial Cells. *Journal of Infectious Diseases* 184: 1252-61. 2001
- Kaul R, Uphoff J, Wiedeman J, Yadlapalli S, and Wenman WM. Detection of *Chlamydia pneumoniae* DNA in CD3+ Lymphocytes from Normal Healthy Blood Donors and Patients with Coronary Artery Disease. *Circulation* 102, 2341-46. 2000
- Lunetta J and Wiedeman J. Latency-associated sense transcripts are expressed during in vitro human cytomegalovirus productive infection. *Virology* 278, 467-476. 2000
- Bolovan CJ, Mocarski E, and Wiedeman J. Peripheral Blood CD14+ Cells from Healthy Subjects Carry a Circular Conformation of Latent Cytomegalovirus Genome. *Blood* 93, 394-398, 1999.
- Gross C, Wiedeman J. Generic acyclovir vs. famciclovir and valacyclovir. *Pediatric Infectious Diseases Journal* 1997;16:838-841
- Taylor-Wiedeman J, Sission JGP, Sinclair JHG. Induction of endogenous human cytomegalovirus gene expression after differentiation of monocytes from healthy carriers. *Journal of Virology* 1994; 68(3):1597-1604



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Bowness P, Cavies KA, Norsworthy PJ, Athanassiou P, Taylor-Wiedeman J, Borysiewicz LK, Meyer PAR, Walport MJ. Hereditary C1q deficiency and SLE: case report and review of the literature. Quarterly Journal of Medicine 87, 834-841, 1994.

Bowness P, Cavies KA, Norsworthy PJ, Athanassiou P, Taylor-Wiedeman J, Borysiewicz LK, Meyer PAR, Walport MJ. Hereditary C1q deficiency and SLE: case report and review of the literature. Quarterly Journal of Medicine 1994;87:455-464

Wang ECY, Taylor-Wiedeman J, Perera P, Fisher J, Borysiewicz LK. Subsets of CD8+, CD57+ cells in normal, healthy individuals: correlation with human cytomegalovirus (HCMV) carrier status, and phenotypic functional analyses. Clinical and Experimental Immunology 1993;94:297-305

Taylor-Wiedeman J, Hayhurst GP, Sissions JGP, Sinclair JHG. Polymorphonuclear cells are not sites of persistence of human cytomegalovirus in healthy individuals. Journal of General Virology 1993;74:265-268

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