

CURRICULUM VITAE

MARGARET KENDRICK HOSTETTER, M.D.

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Date of Birth: May 29, 1948

Place of Birth: Toledo, Ohio

Education

- 1970 B.A. (Summa cum laude) Denison University, Granville, Ohio
Academic rank of first in class; National Merit Scholar
- 1975 M.D. (Magna cum laude) Baylor College of Medicine, Houston, Texas
Academic rank of first in class

Postdoctoral Training and Academic Appointments

- 1975-1976 Intern, Children's Hospital Medical Center, Boston, Massachusetts
- 1976-1977 Junior Assistant Resident, Children's Hospital, Boston
- 1977-1978 Senior Assistant Resident, Children's Hospital, Boston
- 1978-1979 Charles A. Janeway Fellow, Division of Infectious Diseases,
Children's Hospital Medical Center, Beth Israel Hospital, and the Sidney
Farber Cancer Institute, Harvard Medical School
- 1979-1980 Research Fellow in Infectious Diseases, Children's Hospital Medical
Center and Harvard Medical School
- 1980-1982 Instructor in Pediatrics, Harvard Medical School and
Children's Hospital Medical Center, Boston
- 1982-1983 Instructor in Medicine, with joint appointment as
Instructor in Pediatrics, University of Minnesota Medical
School, Minneapolis, Minnesota
- 1983-1987 Assistant Professor of Pediatrics, University of Minnesota
- 1987-1992 Associate Professor of Pediatrics, with tenure, University of Minnesota
- 1989-1992 Associate Professor in the Graduate School, Department of
Microbiology, University of Minnesota
- 1990-1995 Associate Director, M.D./Ph.D. program (MSTP funded), Minnesota
- 1991-1998 Director, Division of Pediatric Infectious Diseases, Department of
Pediatrics, University of Minnesota

1992-1998 Professor of Pediatrics, University of Minnesota
American Legion and Auxiliary Heart Research Chair (endowed chair)

1993-1998 Associate Head for Research, Department of Pediatrics

1998- Professor of Pediatrics, Yale University School of Medicine; Director,
Yale Child Health Research Center; Chief, Section of Immunology

2002- Joint appointment as Professor of Microbial Pathogenesis, Yale

9/01/2002- Chair, Department of Pediatrics and Physician-in-Chief, Yale-New Haven
Children's Hospital

Awards and Honors

1966-1970 National Merit Scholar

1969 Phi Beta Kappa, Denison University

1975 Alpha Omega Alpha, Baylor College of Medicine - graduation awards
in pediatrics, psychiatry, and surgery; AMWA outstanding student
award; DeBakey Scholar Award; Ross Award

1978 Charles A. Janeway Award to outstanding fellow in
Pediatrics, Children's Hospital, Boston, Massachusetts

1984-1987 John A. and George N. Hartford Fellow

1983 '85 '87 '89 Outstanding Faculty Educator, Department of Pediatrics

1992 American Legion and Auxiliary Heart Research Chair (endowed chair),
University of Minnesota

1993-1994 President, Society for Pediatric Research (Vice-President, 1991-1992;
President-Elect, 1992-1993)

1994 Award for Excellence in Research, American Academy of Pediatrics -
\$5,000

1995 E. Mead Johnson Award for Excellence in Research, Society for Pediatric
Research - \$10,000
Rosenthal Award for Outstanding Contributions to Pediatrics,
Samuel Rosenthal Foundation, Cleveland - \$25,000

1996 Designation of "Master Teacher," Department of Pediatrics
Named among the "1,000 Best Doctors in America," American Health
magazine, March, 1996 ; also named in The Best Doctors in America,
1994 and 1996

1998 Appointment to Council, NICHD; Chair of Public Policy and Planning
Subcommittee (2001-2002)

2001 Board of Scientific Counselors, Boston Children's Hospital and St. Jude
Children's Research Hospital

2001 Election to the Institute of Medicine, National Academy of Sciences

2001 Maxwell Finland Lecturer, Infectious Diseases Society of America

2003 Appointment to the NIH Director's Blue Ribbon Panel on Clinical Research

Professional Societies

Association of American Physicians
American Society for Clinical Investigation
American Association of Immunologists
American Federation for Clinical Research
American Pediatric Society: Council member
Central Society for Clinical Research
Fellow, Infectious Diseases Society of America
Interurban Clinical Society (Osler Society)
Pediatric Infectious Diseases Society
Society for Pediatric Research: Council member, Vice-President, President, and Past-President

Invited Professorships and Lectureships

1987 International Congress of Nephrology, London, Plenary Speaker
1991 Institute Pasteur, French Society of Microbiology, Invited Speaker
1992 European Congress of Mycology, Invited Speaker; Pediatric Frontiers in Science, Plenary Speaker
1994 Samuel W. Clausen Professorship, University of Rochester; 125th Anniversary of Children's Hospital, Invited Speaker
1995 Invited speaker at World Congress on Child Health 2000; International Conference on *Candida* and Candidosis (Cambridge UK); Gordon Conference on Microbial Adhesion
1996 Invited speaker at VIIIth Austrian AIDS Congress; International Pneumococcal Workshop (Portugal)
1997 American Society of Microbiology Plenary Session, Invited Speaker
1998 Hattie Alexander Memorial Lecturer, Columbia University; Invited speaker at World Congress of Pediatrics and Gordon Conference on Molecular Mycology
1999 Visiting professor at Washington University in St. Louis, Albert Einstein, Boston University, University of Iowa, University of North Carolina; Invited speaker at Fungal Genetics Society, Asilomar
2000 Invited speaker at Second International Course on the Structure, Function, and Manipulation of the Fungal Genome (Mexico), Genetical Society of Great Britain (University of Warwick), 14th Congress of the International Society for Human and Animal Mycology (Argentina), Centennial of the American Society of Microbiology (Los Angeles-2 symposia)
2001 Maxwell Finland Lecturer, Infectious Diseases Society of America
Visiting professor at Stony Brook, University of Wisconsin (Madison), Milwaukee Children's, MHC Hahnemann, University of Pennsylvania; Invited speaker at Euresco conference on Human Fungal Pathogens (Seefeld, Austria)
2002 Invited speaker at Australian Society of Infectious Diseases, Albert Einstein Symposium in Infectious Diseases (NYC), University of Miami CME course
2003 Beachey Distinguished Visiting Professor, University of Tennessee; Invited Grand Rounds speaker at University of Florida (Gainesville) and Washington University in St. Louis; Plenary speaker at ISHAM (San Antonio); Overall Lecture (Vanderbilt); Pasteur Merieux International Vaccine Symposium (Annency)
2004 Society for Pediatric Research 75th anniversary symposium – invited speaker

Funded Research Grants to Margaret K. Hostetter as Principal Investigator

1979-1980 Child Health Research Grant from Charles H. Hood Foundation for "C3b and Pneumococcal Polysaccharides" - \$15,000

1982-1984 Individual National Research Service Award, NIAID, for "Covalent Binding of C3b to Pneumococcal Polysaccharides" - \$42,672

1982-1984 Basil O'Connor Starter Research Grant, March of Dimes, for "Opsonic Interactions of C3b and Pneumococcal Polysaccharides: Infantile Defects and Biochemical Mechanisms" - \$54,900

1984-1987 New Investigator Research Award, NIAID, for "Molecular Mechanisms of Opsonization" - \$105,000

1984-1987 John A. and George L. Hartford Fellow, John A. Hartford Foundation, for "The Biochemistry of Pneumococcal Infection: Central Role of the Thiiolester Binding Site of the Third Component of Human Complement" - \$115,000

1985-1987 Basic Research Grant, March of Dimes, for "Immunochemistry of Neonatal Infection" - \$59,400

1986-1987 Basic Research Grant, American Diabetes Association, Minnesota Affiliate, for "Role of a Glucose-Dependent Receptor in Adherence of *Candida albicans*" - \$12,500

1987-1988 Vaccine Project Grant, World Health Organization, Geneva for "Role of the C3d (CR2) Receptor in the Antibody Response to Polysaccharide Antigens" - \$28,000

1987-1990 Individual Research Grant (R-01), AI 24162, for "Interactions of C3 with Bacterial Pathogens" - \$290,620

1987-1990 Individual Research Grant (R-01), AI 25827, for "A Molecular Marker for Invasive *Candida albicans*" - \$199,468

1988-1989 Basic Research Grant, American Diabetes Association, Minnesota Affiliate, for "Molecular Basis for *Candida* Infections in Hyperglycemic Hosts" - \$12,500

1990-1995 Institutional Training Grant HD07381, for "Research Training in Infectious Diseases and Developmental Immunology" - \$667,102 Co-principal investigator with Paul G. Quie, M.D.

1990-1995 Renewal of R-01 AI24162 - \$753,624 direct costs funded

1990-1991 Pediatric AIDS Foundation Research Grant for "Molecular Blockade of Candidal Infection" - \$65,000

1990-1995 Renewal of R-01 AI25827 - \$788,047 direct costs funded

1992-1994 Pediatric AIDS Foundation Scholar Award to Catherine M. Bendel for "Blockade of Candidal Adhesion, "Margaret K. Hostetter as sponsor - \$35,000 for each of two years

1993-1994 Pediatric AIDS Foundation Research Grant for "Targeting Cervical Epithelium with Complement Receptor 2" - \$65,000

1993-1996 Pediatric Scientist Development Program fellowship to Cheryl Gale, Margaret K. Hostetter as sponsor - \$95,445

1995-2000 Renewal of Training Grant HD07381, priority score 108; Margaret K. Hostetter, Principal Investigator - \$610,440 direct costs funded

1995-2000 Program Director, NIH-funded University of Minnesota Child Health Research Center HD33692 - \$1,406,795 direct costs funded

1995-2000 Renewal of R-01 AI24162 (5 years) - \$673,300 direct costs funded

1996-2001 Renewal of R-01 AI25827 (5 years) - \$985,114 direct costs funded

1996-2001 Renewal of K12 HD00850-10, Pediatric Physician Scientist Program Award; Margaret K. Hostetter, Program Director - \$4,601,687 direct costs

1998-2001 Fannie L. Rippel Foundation, Yale Child Health Research Imaging Center – \$140,000 direct costs funded

1999-2004 R-01 AI45145 (5 years) -A Fibronectin Receptor in *Candida tropicalis* - \$920,181 direct costs funded

2000-2005 K12 HD101401, Child Health Research Center, Margaret K. Hostetter, Program Director, \$1,600,000 direct costs funded

2001-2005 Renewal of K12HD00850-15, Pediatric Physician Scientist Program Award; Margaret K. Hostetter, Program Director - \$10,000,000 direct costs funded, priority score 110

2002-2005 K12 HD001401-15, Developmental Adaptation to Extramterine Life: Yale Child Health Research Center - \$2,000,000 direct costs funded

2002-2007 R-01 AI50813 (5 years) – Biology of Int1p in *Candida albicans* Fungemia - \$1,100,000 direct costs funded

2002-2004 March of Dimes Birth Defects Foundation #6 FY02-151 – Role of a *Candida albicans* Superantigen in Neonatal Candidemia (2 years) - \$178,000 direct costs funded

2002-2004 R-21 AI49438 - C3-Binding and -Degrading Proteins in *Streptococcus pneumoniae* - \$250,000 direct costs funded

Pediatric Credentials and Administrative Positions

Diplomate, The American Board of Pediatrics, September 27, 1981 - certificate #26366
 Board certified, Pediatric Infectious Diseases, November 15, 1994; recertified August, 2001
 Licensure: TX (1975-82); MA (1975-84); MN (1982-98); CT (1998-present)

1985-1988: Elected member, Board of Governors, P.R.E. Foundation (practice plan), Pediatrics

1988-1991: Elected president, Board of Governors, P.R.E. Foundation (practice plan)

2002- Chair, Department of Pediatrics; Physician-in-Chief, Yale-New Haven Children's

Patents

U.S. Patent #6,346,411 “DNA Encoding *Candida albicans* Integrin-Like Protein,” issued 2/12/2002

U.S. Patent #6,676,943 “Human Complement C3-Degrading Proteinase from *Streptococcus pneumoniae*,” issued 1/13/2004

Publications

1. Palfrey, J.S., Weitzman, M., **Hostetter, M.K.**, and Howes, L.: The new recruits: Spread of *H. flu* meningitis in a family day care setting. Mass. J. Community Health Fall/Winter: 3-6, 1980.
2. Mann, J., O'Brien, R., **Hostetter, M.K.**, Alper, C.A., Rosen, F.S., and Babior, B.M.: The third component of complement: Covalent attachment of a radioactive sugar to the labile binding site of C3 via the alternative pathway. J. Immunol. 126(6):2370-2372, 1981.
3. **Hostetter, M.K.**, Schwartz, A.L., Siber, G.R., and Schiffman, G.: Pneumococcal vaccine. Am. J. Dis. Child. 135:1149-1150, 1981.
4. **Hostetter, M.K.**, Thomas, M.L., Rosen, F.S., and Tack, B.F.: Binding of C3b proceeds by a transesterification reaction at the thiolester site. Nature 298:72-75, 1982.
5. **Hostetter, M.K.**, Levy, H., Winter, H., Knight, G., and Haddow, J.E.: Evidence for liver disease preceding amino acid abnormalities in hereditary tyrosinemia. N. Engl. J. Med. 308:1265-1267, 1983.
6. **Hostetter, M.K.**, Krueger, R.A., and Schmeling, D.J.: The biochemistry of opsonization: Central role of the reactive thiolester of C3. J. Infect. Dis. 150:653-661, 1984.
7. Gordon, D.L., Krueger, R.A., Quie, P.G., and **Hostetter, M.K.**: Amidation of C3 at the thiolester site: Stimulation of chemiluminescence and phagocytosis by a new inflammatory mediator. J. Immunol. 134:3339-3345, 1985.
8. Nath, K.A., **Hostetter, M.K.**, and Hostetter, T.H.: Pathophysiology of chronic tubulo-interstitial disease in rats: Interactions of dietary acid load, ammonia, and complement component C3. J. Clin. Invest. 76: 667-675, 1985.
9. Giebink, G.S., Carlson, B.A., Hetherington, S.V., **Hostetter, M.K.**, Le, C.T., and Juhn, S.K.: Bacterial and polymorphonuclear leukocyte contributions to middle ear inflammation in chronic otitis media with effusion. Ann. Otol. Rhinol. Laryngol. 94:398-402, 1985.
10. **Hostetter, M.K.**: Serotypic variations among virulent pneumococci in deposition and degradation of covalently bound C3b. Implications for phagocytosis and antibody production. J. Infect. Dis. 153:682-693, 1986.
11. Gordon, D.L., Johnson, G.M., and **Hostetter, M.K.**: Ligand-receptor interactions in the phagocytosis of virulent *Streptococcus pneumoniae* by polymorphonuclear leukocytes. J. Infect. Dis. 154:619-626, 1986.
12. Gordon, D.L. and **Hostetter, M.K.**: Complement and host defense against microorganisms. Pathology 18:365-375, 1986.
13. **Hostetter, M.K.** and Gordon, D.L.: Biochemistry of C3 and related thiolester proteins in infection and inflammation. Rev. Infect. Dis. 9: 97-109, 1987.

14. Gordon, D.L., Johnson, G.M., and **Hostetter, M.K.**: Characteristics of iC3b binding to polymorphonuclear leukocytes. Immunology 60:553-558, 1987.
15. Tolins, J.P., **Hostetter, M.K.**, and Hostetter, T.H.: Hypokalemic nephropathy in the rat: Role of ammonia in chronic tubular injury. J. Clin. Invest. 79:1447-1458, 1987.
16. **Hostetter, M.K.**, Nath, K.A., Tolins, J.P., and Hostetter, T.H.: Ammonia, the kidney, and complement component C3. Proceedings of the Xth International Congress of Nephrology, 1:599-612, 1988.
17. Gilmore, B.J., Retsinas, E.M., and **Hostetter, M.K.**: An iC3b receptor on *Candida albicans*:: Structure, function, and correlates for pathogenicity. J. Infect. Dis. 157:38-46, 1988.
18. Gordon, D.L., Rice, J., Finlay-Jones, J., McDonald, P., and **Hostetter, M.K.**: Analysis of C3 degradation patterns on bacterial surfaces after opsonization. J. Infect. Dis. 157:697-704, 1988.
19. Hostetter, T.H., Nath, K.A., and **Hostetter, M.K.**: Infection-related chronic interstitial nephropathy. Seminars in Nephrology 8:11-16, 1988.
20. Goldhagen, J., Alford, B.A., Prewitt, L.H., Thompson, L., and **Hostetter, M.K.**: Suppurative thrombophlebitis of the internal jugular vein: Report of three cases and review of the pediatric literature. Ped. Infect. Dis. J. 7:410-414, 1988.
21. Nath, K.A., **Hostetter, M.K.**, Hostetter, T.H.: Ammonia complement interaction in the pathogenesis of progressive renal injury. Kidney Int. 36:552, 1989.
22. **Hostetter, M.K.**, Iverson, S., Dole, K., and Johnson, D.: Unsuspected infectious diseases and other medical diagnoses in the evaluation of internationally adopted children. Pediatrics 83:559-564, 1989.
23. **Hostetter, M.K.** and Johnson, D.E.: International adoption: An introduction for physicians. Am. J. Dis. Child. 143:325-332, 1989.
24. Zach, T.L. and **Hostetter, M.K.**: Biochemical abnormalities of the third component of complement in neonates. Pediatric Research 26:116-120, 1989.
25. **Hostetter, M.K.** and Johnson, G.M.: The erythrocyte as instigator of inflammation. J. Clin. Invest. 84:665-671, 1989.
26. **Hostetter, M.K.** Handicaps to host defense: Effects of hyperglycemia on C3 and *Candida albicans*. Diabetes 39:271-275, 1990.
27. Moy, J.N., Nelson, R.D., Richards, K.L., and **Hostetter, M.K.** Identification of an IgA inhibitor of neutrophil chemotaxis and its membrane target for the metabolic burst. Immunology 69:257-262, 1990.
28. **Hostetter, M.K.**, Lorenz J.S., Preus L., and Kendrick, K.E.: The iC3b receptor on *Candida albicans*: Subcellular localization and modulation of receptor expression by glucose. J. Infect. Dis. 161:761-768, 1990.
29. Clark, E.C., Nath, K.A., **Hostetter, M.K.**, and Hostetter, T.H.: The role of ammonia in tubulo-interstitial injury. Mineral Electrolyte Metab. 16:315-321, 1990.

30. Clark, E.C. , Nath, K.A., **Hostetter, M.K.**, and Hostetter, T.H.: The role of ammonia in progressive interstitial nephritis. Am. J. Kid. Dis. 17S: 15-19, 1991.
31. Nath, K.A., **Hostetter, M.K.**, and Hostetter, T.H.: Increased ammoniogenesis as a determinant of progressive renal injury. Am. J. Kid. Dis. 17:654-657, 1991.
32. Gustafson, K.S., Vercellotti, G.M., Bendel, C.M. and **Hostetter, M.K.** Molecular mimicry in *Candida albicans*: Role of an integrin analog in adhesion of the yeast to human endothelium. J. Clin. Invest. 87: 1896-1902, 1991.
33. Nath, K.A., **Hostetter, M.K.**, and Hostetter, T.H.: The role of ammonia in progressive renal disease. Contributions to Nephrology 92:78-82, 1991.
34. **Hostetter, M.K.**, Iverson, S., Thomas, W.E., McKenzie, D., and Johnson, D.E.: Prospective medical evaluation of internationally adopted children. N. Engl. J. Med. 325: 479-485, 1991.
35. Verfaillie, C., Weisdorf, D., Haake, R., **Hostetter, M.**, Ramsay, N., and McGlave, P.: *Candida* infections in bone marrow transplant recipients. Bone Marrow Transplantation 8: 177-184, 1991.
36. Clark, E.C., Nath, K.A., Hostetter, T.H., and **Hostetter, M.K.**: Hyperosmolarity impairs ammonia mediated inflammation: Implications for the renal medulla. Am. J. Physiol., 263:R148-155, 1992.
37. Zach, T.L., Hill, L. H., Herrman, V. A., Leuschen, M. P., and **Hostetter, M.K.**: Effect of glucocorticoids on C3 gene expression by the A549 human pulmonary epithelial cell line. J. Immunol. 148:3964-3969, 1992.
38. Henwick, S., Hetherington, S.V., and **Hostetter, M.K.**: Specificity of three anti-complement factor 3 monoclonal antibodies. J. Immunol. Meth. 153:173-184, 1992.
39. **Hostetter, M.K.**: Function of integrin analogues in adhesion. J. Mycol. Medicale 2:14-18, 1992.
40. Johnson, D.E., Miller, L.C., Iverson, S., Thomas, W., Franchino, B., Dole, K., Kiernan, M.T., Georgieff, M.K., and **Hostetter, M.K.**: The health of children adopted from Romania. JAMA 268:3446-3451, 1992.
41. Bendel, C.M. and **Hostetter, M.K.**: Distinct mechanisms of epithelial adhesion for *Candida albicans* and *Candida tropicalis*. J. Clin. Invest. 92:1840-1849, 1993.
42. **Hostetter, M.K.**: The third component of complement: New functions for an old friend. J. Lab. Clin. Med. 122:491-496, 1993.
43. **Hostetter, M.K.**: Adhesins and ligands involved in the interaction of *Candida* spp. with epithelial and endothelial surfaces. Clin. Microbiol. Rev., 7:29-42, 1994.
44. Angel, C.M., Ruzek, M., and **Hostetter, M.K.**: Degradation of C3 by *Streptococcus pneumoniae*. J. Infect. Dis. 170:600-608, 1994.
45. Michael, E.J., McClellan, M., Huebner, H., and **Hostetter, M.K.**: Expression of CD21 and synthesis of its ligands by HeLa cells after growth in serum-free medium. J. Lab. Clin. Med. 125:102-112, 1995.
46. Bendel, C.M. , St. Sauver, J., Carlson, S., and **Hostetter, M.K.** Epithelial adhesion in yeast species: Correlation with surface expression of the integrin analog. J. Infect. Dis., 171:1660-1664, 1995.

47. **Hostetter, M.K.**, Tao, N.-J., Gale, C., Herman, D., Bendel, C.M., McClellan, M., and Kendrick K.E. Antigenic and functional conservation of an integrin I-domain in *Saccharomyces cerevisiae*. Biochem. Molec. Med. 55:122-130, 1995.
48. Faix, R.G., Finkel, D.J., Andersen, R.D., and **Hostetter, M.K.** Genotypic analysis of a cluster of systemic *Candida albicans* infections in a neonatal intensive care unit. Pediatr. Infect. Dis. J. 14:1063-1068, 1995.
49. Gale, C., Finkel, D., Tao, N., Meinke, M. McClellan, M., Olson, J., Kendrick, K., and **Hostetter, M.K.** Cloning and expression of a gene encoding an integrin-like protein in *Candida albicans*. Proc. Natl. Acad. Sci. USA 93:367-371, 1996.
50. DeMuri, G.P. and **Hostetter, M.K.** Evidence for a $\alpha 1$ integrin fibronectin receptor in *Candida tropicalis*. J. Infect. Dis. 174: 127-132, 1996.
51. Salazar, J.C., Bloom, K.E., **Hostetter, M.K.**, and Leonardi, C.L. Drug-resistant tuberculosis verrucosa cutis in a Southeast Asian teenager. Pediatr. Infect. Dis. J. 15:834-5, 1996.
52. Vogel, N., Kirsitis, M., Michael, E., Bach, H.L., **Hostetter, M.K.**, Boyer, K.N. et al. Congenital toxoplasmosis transmitted from an immunologically competent mother infected before conception. Clin. Infect. Dis. 23:1055-60, 1996.
53. Albers, L., Johnson, D., **Hostetter, M.**, Iverson, S., Miller, L. Health of children adopted from the former Soviet Union and Eastern Europe. JAMA 278:922-924, 1997.
54. Gale, C., Bendel, C., McClellan, M., Hauser, M., Becker, J., Berman, J., and **Hostetter, M.K.** Linkage of adhesion, filamentous growth, and virulence in *Candida albicans*. by a single gene, *INT1*. Science 279:1355-1358, 1998.
55. Bendel, C.M., Kinneberg, K.M., Jechorek, R.P., Gale, C.A., Erlandsen, S.L., **Hostetter, M.K.**, Wells, C.L. Systemic infection following intravenous inoculation of mice with *Candida albicans int1* mutant strains. Molecular Genetics and Metabolism 67: 343-351, 1999.
56. **Hostetter, M.K.** Oponic and nonopsonic interactions of C3 with *Streptococcus pneumoniae*. Microbial Resistance 5:85-89, 1999.
57. **Hostetter, M.K.** Integrin-like proteins in *Candida* spp. and other microorganisms. Fungal Genetics and Biology 28:135-145, 1999.
58. Kinneberg, K.M., Bendel C.M., Jechorek, R.P., Cebelinski, E.A., Gale, C.A., Berman, J.G., Erlandsen, S.L., **Hostetter, M.K.**, Wells C.L. . Effect of the *INT1* gene on *Candida albicans* murine intestinal colonization. J. Surg. Res. 87:245-251, 1999.
59. Cheng, Q., Finkel, D., and **Hostetter, M.K.** Novel purification scheme and functions for a C3-binding protein from *Streptococcus pneumoniae*. Biochemistry 39:5450-5457, 2000.
60. Madsen, M., Lebenthal, Y., Cheng, Q., Smith, B.L., and **Hostetter, M.K.** A pneumococcal protein that elicits IL-8 from pulmonary epithelial cells. J. Infect. Dis. 181:1330-1336, 2000.
61. Smith B.L. and **Hostetter, M.K.** C3 as substrate for adhesion of *Streptococcus pneumoniae*. J. Infect. Dis. 182:497-505, 2000.
62. **Hostetter, M.K.** RGD-mediated adhesion in fungal pathogens of humans, plants, and insects. Curr. Opin. Microbiol. 3:344-348, 2000.

63. Zhang, Y., Masi, A.W., Barniak, V., Mountzouros, K., **Hostetter, M.K.**, Green, B.A. Recombinant PhpA protein, a unique histidine-motif containing protein from *Streptococcus pneumoniae*, protects mice against intranasal pneumococcal challenge. Infect. Immun. 69:3827-3836, 2001.
64. McDonough, J.M., Bhattacharjee, V., Sadlon, T., and **Hostetter, M.K.** Involvement of *Candida albicans* NADH dehydrogenase complex I in filamentation. Fungal Genetics and Biol. 36: 117-127, 2002.
65. **Hostetter, M.K.** Career development for physician-scientists: the model of the Pediatric Scientist Development Program. J. Pediatr. 140:143-144, 2002.
66. Boone, J.L., **Hostetter, M.K.**, Weitzman, C.C. The predictive accuracy of pre-adoption video review in adoptees from Russian and Eastern European orphanages. Clin. Pediatr. 42:585-590, 2003.
67. Hostetter, M.K. A piece of my mind. Stitches. JAMA. 291:282, 2004.

Books, Book Chapters, Proceedings, and Invited Manuscripts

1. Editorial Board, Manual of Pediatric Therapeutics, Little Brown & Company, Boston, November, 1984. Editor of chapters on infectious diseases, cardiology, parasitic infections, and well child care.
2. **Hostetter, M.K.** "Medical Evaluation of Internationally Adopted Children," Report of the Committee on Infectious Diseases, American Academy of Pediatrics, Elk Grove, Illinois, 1991 and 1994.
3. **Hostetter, M.K.** "Opsonic Functions of C3 and C4," in Humoral Factors in Natural Immunity, E. Sim and M. Kerr, editors, Oxford University Press, 1993.
4. **Hostetter, M.K.** "Complement Receptors in *Candida albicans* and Other Yeasts: Structure, Function, and Role in Pathogenesis," in Topics in Mycology: Fungal Dimorphism, H. Vanden Bossche, D. Kerridge, and F.C. Odds, editors, Plenum Publishing Corporation, New York, 1993.
5. Bendel, C.M. and **Hostetter, M.K.** Systemic candidiasis and other fungal infections in the neonate. Seminars in Pediatric Infectious Diseases, 5:35-41, 1994.
6. **Hostetter, M.K.** Interactions of *Candida albicans* with Eukaryotic Cells. ASM News 60: 370-374, 1994.
7. DeMuri, G.,P. and **Hostetter, M.K.** Resistance to Antifungal Agents. Ped. Clin. North America 42:665-685, 1995; J. Schreiber and D. Goldmann, editors.
8. **Hostetter, M.K.** "Mechanisms of Candidal Adhesion" In: Topics in Mycology: Host-Fungus Interplay, H. Vanden Bossche, D. Kerridge, and F.C. Odds, editors, National Foundation of Infectious Diseases, Bethesda, 1996.
9. **Hostetter, M.K.** "New Insights into Candidal Infections" In: Advances in Pediatrics, Mosby Year-book, Chicago, 1996.
10. **Hostetter, M.K.** "An Integrin-Like Protein in *Candida albicans*: Implications for pathogenesis" In: Trends in Microbiology, 4:242-245, 1996; Cambridge, UK.
11. **Hostetter, M.K.** "Adherence Molecules on Pathogenic Fungi" In: Current Opinion in Infectious Diseases 9:141-145, 1996, London, UK, 1996.

12. **Hostetter, M.K.** "Medical Evaluation of the Internationally Adopted Child" In: Postgraduate Medicine, April, 1996.
13. **Hostetter, M.K.** "Infectious Diseases in Internationally Adopted Children. " Principles and Practice of Pediatric Infectious Diseases, S. Long and L. Pickering, editors; Churchill Livingstone, New York, 1997.
14. **Hostetter, M.K.** "Infections with *Candida albicans* and other *Candida* species. " Principles and Practice of Pediatric Infectious Diseases, S. Long and L. Pickering, editors; Churchill Livingstone, New York, 1997.
15. **Hostetter, M.K.** Infectious diseases in internationally adopted children. Advances in Pediatric Infectious Diseases, 14: 147-161, 1999.
16. **Hostetter, M.K.** Epidemiology of travel-related morbidity and mortality in children. Pediatrics in Review, in press, 1999.
17. **Hostetter, M.K.** "Infectious Diseases in Internationally Adopted Children." Textbook of Pediatric Infectious Diseases, R. Feigin and J. Cherry, editors; W.B. Saunders, Philadelphia, 2001.
18. 21st edition, Rudolph's Textbook of Pediatrics. Abraham Rudolph, Colin Rudolph, editors. Margaret K. Hostetter, George Lister, Norman Siegel, associate editors (Hostetter edited sections on infectious diseases, immunology, rheumatology, orthopedics, and dermatology.)
19. **Hostetter, M.K.** Fungal Infections in the NICU". Avery's Diseases of the Newborn. H.W. Taesch, R.A. Ballard, C.A. Gleason, editors, in press.
20. **Hostetter, M.K.** "Fungal Infections in Childhood" . Krugman's Infectious Diseases of Children, 11th edition, S. Katz, A. Gershon, and P.J. Hotez, editors, in press.
21. **Hostetter, M.K.** "Interactions of Streptococcus pneumoniae with the Proteins of the Complement Pathways". The Pneumococcus, E.I. Tuomanen, editor, ASM press, in press.

Published Abstracts (* selected for presentation)

1. **Hostetter M.K.** and Levy, H.: Alphafetoprotein (AFP) elevation preceding hypertyrosinemia in hereditary tyrosinemia. Ped. Res. 14(4):522, 1980.
- *2. **Hostetter, M.K.**, Thomas, M.L., and Tack, B.F.: Incorporation of glycerol and threonine into the thiolester site of C3: Evidence for transacylation. Molec. Immunol. 19:1376, 1982.
- *3. **Hostetter, M.K.**, Schmeling, D.J., and Quie, P.G.: Thiolester of C3: Molecular mechanism of opsonization. Clin. Res. 31(2):365A, 1983.
- *4. Nath, K.A., Krueger, R.A., Hostetter, T.H., and **Hostetter, M.K.**: Tubulo-interstitial injury: Interaction of acid excretory load, ammonia, and complement component C3. Clin. Res. 32(2):454A, 1984.
- *5. **Hostetter, M.K.**, Krueger, R.A., Nath, K.A., and Hostetter, T.H.: Nucleophilic attack on complement component C3 in chronic renal failure. Fed. Proc. 43(6):1617, 1984.

- *6. **Hostetter, M.K.** and Krueger, R.A.: Role of the C3 thiolester in opsonization of type III group B streptococci (GBS). Proceedings of the Third International Symposium on Infections in the Immunocompromised Host, Toronto, 1984.
- *7. **Hostetter, M.K.**: Serotypic differences in covalently bound C3b and its degradation fragments among virulent pneumococci. Clin. Res. 33:405A, 1985.
- *8. Gordon, D.L., Krueger, R.A., Quie, P.G., and **Hostetter, M.K.**: Reaction of ammonia with complement component C3: Binding to the CR1 receptor and stimulation of phagocytic oxidative metabolism. Clin. Res. 33:377A, 1985.
- *9. Tolins, J.P., **Hostetter, M.K.**, and Hostetter, T.H.: Hypokalemic nephropathy: Role of ammonia in chronic tubular injury. Clin. Res. 33:500A, 1985.
- *10. Gordon, D.L. and **Hostetter, M.K.**: Identification of CR3 (iC3b receptor) as the phagocytic receptor for virulent pneumococci. Proceedings of the XXVth International Conference on Antimicrobial Agents and Chemotherapy (ICAAC). Minneapolis, 1985, page 531.
- *11. Tolins, J.P., **Hostetter, M.K.**, and Hostetter, T.H.: Modulation of tubular C3 deposition by ammonia: Quantitation by antibody binding. Kidney International 29:293A, 1986.
- *12. **Hostetter, M.K.** and Retsinas, E.M.: The erythrocyte as instigator of inflammation. Clin. Res. 33:835A, 1985.
- *13. **Hostetter, M.K.** and Retsinas, E.M.: Amidation of C3 by erythrocytes. Complement 2:37A, 1985.
- 14. Johnson, G.M. and **Hostetter, M.K.**: Hierarchy of complement ligands for triggering PMN bactericidal processes. Ped. Res. 20:312A, 1986.
- *15. **Hostetter, M.K.**, Johnson, G.M., and Retsinas, E.M.: Amidation of C3 by mucoid *Pseudomonas aeruginosa*: A mechanism for opsonic failure and phagocytic activation in the cystic fibrosis lung. Clin. Res. 34:520A, 1986.
- *16. Gilmore, B.J. and **Hostetter, M.K.**: Inducible binding site for iC3b on virulent *Candida albicans*. Clin. Res. 34:460A, 1986.
- *17. Moy, J.N., Nelson, R., Richards, K., and **Hostetter, M.K.**: Characterization of the neutrophil membrane target for a novel chemotactic inhibitor. Clin. Res. 34:915A, 1986.
 - ** Selected for a 1986 Trainee Award at the meetings of the Central Society for Clinical Research, October, 1986.
- *18. **Hostetter, M.K.** and King, R.J.: Role of the C3d receptor in the proliferative response of the B lymphocyte. Clin. Res. 35:477A, 1987.
- *19. Gilmore, B.J. and **Hostetter, M.K.**: Structural and functional characteristics of an iC3b receptor on *Candida albicans*. Abstracts of the ASM Conference on Candida albicans, May, 1987.
- *20. Gilmore, B.J. and **Hostetter, M.K.**: A molecular marker for invasive *Candida albicans*. Abstracts of the XXVI International Congress on Antimicrobial Agents and Chemotherapy (ICAAC), New York, New York, October, 1987, p. 231.
- *21. **Hostetter, M.K.** and Gilmore, B. J.: An iC3b receptor on *Candida albicans* mimics neutrophil CR3. Complement 4:171A, September, 1987.

- *22. Zach, T.L. and **Hostetter, M.K.**: Structural and functional aberrancies in neonatal C3. Clin. Res. 35: 913A, 1987.
- *23. Loewenson, P.M. and **Hostetter, M.K.**: Functional implications of site-specific glycosylation of human C3 in hyperglycemia. Clin. Res. 35: 858A, 1987.
** Selected for the Eli Lilly Award of the Central Society for Clinical Research
- *24. Gustafson, K.S., Vercellotti G.M., Lorenz J., and **Hostetter, M.K.**: Glucose-dependent adhesion of *Candida albicans* to human endothelium. Clin. Res. 36: 840A, 1988.
- *25. **Hostetter, M.K.**, Lorenz J.S., and Preus, L.: The iC3b receptor on *Candida albicans*: Subcellular localization and modulation of receptor expression by sugars. Clin. Res. 36: 847A, 1988.
- *26. **Hostetter, M.K.**, McClellan, M., and King, R.J.: Human C3 with disrupted thiolester is mitogenic for normal human B lymphocytes. Clin. Res. 37: 412A, 1989.
- *27. Clark, E.C., **Hostetter, M.K.**, Nath, K.A., and Hostetter, T.H.: Hyperosmolality impairs alternative complement pathway mediated membrane damage: Implications for the renal medulla. Clin. Res. 37: 488A, 1989.
- *28. **Hostetter, M.K.**, McClellan, M., and King, R.J.: Human C3 with disrupted thiolester is mitogenic for normal human B lymphocytes. Clin. Res. 37:412A, 1989.
- *29. Gustafson, K.S., Vercellotti, G.M., Lorenz, J., and **Hostetter, M.K.**: Effects of glucose upon CR3 receptors on *Candida albicans*: Role in adhesion to endothelium. Clin. Res. 37: 430A, 1989.
- *30. **Hostetter, M.K.** and Kendrick, K.E.: Cloning and sequencing of cDNA encoding the iC3b receptor on *Candida albicans*. Complement and Inflammation 6: 348A, 1989.
- *31. Gustafson, K.M., Vercellotti, G.M., Lorenz, J.S., and **Hostetter, M.K.**: The iC3b receptor on *Candida albicans* mediates adhesion in a glucose-dependent reaction. Complement and Inflammation 6: 339A, 1989.
- *32. Bendel, C.M., Herman, D.J., and **Hostetter, M.K.**: Expression of the iC3b receptor in pathogenic and non-pathogenic yeast. Proceedings of the Second Conference on Candida and Candidiasis, Philadelphia, April, 1990.
- *33. Herman, D.J., Kendrick, K.E., Bendel, C.M., Tao, N., and **Hostetter, M.K.**: Integrin analogs in yeast: Implications for pathogenesis. Clin. Res. 39: 244A, 1991.
- *34. Zach, T.L., Herman, V.A., Nelson, R.M., and **Hostetter, M.K.**: C3 gene expression in pulmonary epithelial cells is enhanced by glucocorticoids. Ped. Res. 29: 165A, 1991.
- *35. Bendel, C.M. and **Hostetter, M.K.**: Correlation of adhesion and pathogenic potential in yeast. Ped. Res. 29: 167A, 1991.
** Selected as the winner of the Fellow's Basic Research Award of the Society for Pediatric Research
- *36. **Hostetter, M. K.**, Bendel, C.M., McClellan, M., and Michael, E.J.: Integrin analogs in *Candida albicans*, other *Candida* species, and *Saccharomyces cerevisiae*. J. Cell. Biochem.:Suppl. 16F: 149, 1992.

- *37. Bendel, C.M. and **Hostetter, M.K.**: Inhibitory peptides and target proteins for epithelial adhesion in pathogenic *Candida* species. Ped. Res. 30:157A, 1992.
- *38. Michael, E.J. and **Hostetter, M.K.**: Components of an autocrine loop for C3 synthesis by epithelial cells. Clin. Res. 40:379A, 1992.
- *39. **Hostetter, M.K.**: C3-cleaving proteinase from *Streptococcus pneumoniae*. Clin. Res. 40: 412A, 1992.
- *40. Bendel, C.M., Tao, N., and **Hostetter, M.K.**: Distinct epithelial adhesins for *C. albicans* and *C. tropicalis*. Clin. Res. 41:280A, 1993.
- *41. Angel, C.S., Ruzek, M., and **Hostetter, M.K.**: Functional characteristics of a C3-cleaving proteinase from *Streptococcus pneumoniae*. Peds. Res. 33:161A, 1993.
- *42. Meinke, M., Tao, N., Bendel, C.M., St. Sauver, J., **Hostetter, M.K.**: Cloning of *C. albicans* DNA encoding an integrin analog. Peds. Res., 36:, 1994.
- *43. Carlson, S., **Hostetter, M.K.**, Finkel, D., and Bendel, C.: Genotypic and functional analysis of *Candida albicans* strains from mother-infant pairs. Peds. Res., 36:, 1994.
- *44. DeMuri, G.P. and **Hostetter, M.K.**: Evidence for a $\alpha 1$ integrin in *Candida tropicalis*. Peds. Res., 36:, 1994.
- *45. Faix, R.G., Finkel, D.J., Andersen, R.D., and **Hostetter, M.K.** : Genotypic analysis of a cluster of systemic *Candida albicans* infections in a NICU. Peds. Res. 37:291A, 1995.
- *46. DeMuri, G.P. and **Hostetter, M.K.**: Evidence for an integrin-like fibronectin receptor in *Candida tropicalis*. Peds. Res. 37:173A, 1995.
- *47. Gale, C.A. and **Hostetter, M.K.** : A *Candida albicans* gene with integrin motifs induces hyphal-like structures in *S. cerevisiae*. Peds. Res. 37:174A 1995.
- *48. Gale, C.A., Olson, J., and **Hostetter, M.K.**: Monoallelic disruption of $\alpha INT1$ in *Candida albicans* reduces antibody binding, adhesion, and germ tube formation. Peds. Res. 39:171A, 1996.
 ** Selected as the winner of the Fellow's Basic Research Award of the Society for Pediatric Research
- *49. Smith, B. L. , Ong, J., and **Hostetter, M.K.**: Factors modulating pneumococcal adhesion. Peds. Res., 39:185A, 1996.
- *50. Cheng, Q., Finkel, D., Giebink, G.S., and **Hostetter, M.K.** A C3-binding protein in *Streptococcus pneumoniae*. Abstracts of the 97th ASM meeting, Miami, Fl., 1997.
- *51. Bendel, C.M., Finkel, D. A., McClellan, M., and **Hostetter, M.K.** Mapping the adhesive domains of the *C. albicans* gene *INT1*. Peds. Res. 40, 1997.
- *52. Gale, C., Bendel, C., and **Hostetter, M.K.** Induction of epithelial adhesion and morphologic switching by a single gene from *Candida albicans*. Peds. Res. 40, 1997.
- *53. Madsen, M., Cheng, Q., and **Hostetter, M.K.** Production of IL-8 by pulmonary epithelial cells in response to secreted proteins of *S. pneumoniae*. Peds. Res. 40, 1997.

- *54. McDonough, J., Sofair, A., Wong, B., and **Hostetter, M.K.** Conservation of the *INT1* gene in clinical isolates of *C. albicans*. ASM 2000.
- *55. Devore-Carter, D. and **Hostetter, M.K.** Interactions of *C. albicans INT1* with the immune system. ASM 2000.
- *56. Sadlon, T. and **Hostetter, M.K.** A heterodimeric receptor for fibronectin in *C. tropicalis*. ASM 2000.
- *57. Charest, N. and **Hostetter, M.K.** Mapping the promoter of the *C. albicans* gene, *INT1*. Peds. Res., in press, 2001.
- *58. Bhattacharjee, V. and **Hostetter, M.K.** REMI screen for *C. albicans* genes promoting renal candidiasis. ASM 2001.
- *59. Vellucci, V., Jones, A., Nandiwada, S., Masi, A., Dunny, G., Rubens, C., and Hostetter, M.K. A C3-degrading proteinase in *Streptococcus pneumoniae*. Virulence factor and vaccine candidate. Ped. Res., in press, May, 2004.

Study Sections, Scientific Review Boards, and Outside Activities

1. 1989-1995: Alumni nominated trustee, Denison University, Granville, Ohio.
2. 1990-1993: Member and Chair (91-93), Veterans Association Merit Review Board in Infectious Diseases.
3. 1993-1996: Member and Chair (95-98), Clinical Grants Review Board, National Foundation March of Dimes; Member, applications review panel, Howard Hughes Medical Institute Research Fellowships for Medical Students.
4. 1993-1998: Member and Chair (96-98), Bacteriology and Mycology 2 study section, National Institutes of Health
5. 1999-2003: Member, NICHD Council; Chair of Council (2001-2003)
6. 1998-present: Scientific Review Boards, Boston Children's Hospital and St. Jude Children's Research Hospital
7. 2000- Election to membership, Institute of Medicine
8. 2001- Member of review panel, March of Dimes, Basic Research Grants Review Board
9. 2003- Member of NIH Director's Blue Ribbon Panel for Clinical Research

National and International Symposia

1. Invited symposium speaker, "Evidence for the Participation of Ammonia and Complement Component C3 in Tubulo-Interstitial Injury," XIth International Congress of Nephrology, London, England, July 24-31, 1987.
2. Invited symposium speaker, "Deposition of C3 Ligands on Microorganisms and Correlates for Phagocytic Recognition," XXVIIth Interscience Conference on Antimicrobial Agents and Chemotherapy, New York, New York, October 4-7, 1987.

3. Invited symposium speaker, "Complement Receptors on *Candida albicans*: Biology and Pathogenesis," Second Annual Conference on Candida and Candidiasis, Philadelphia, April 1-4, 1990.
4. Invited symposium speaker, "Complement Receptors on *Candida albicans*: Structure, Function, and Mechanisms of Pathogenesis," Annual Meeting of the American Society of Microbiology, Anaheim, California, May 13-18, 1990.
5. Invited symposium speaker, "Mechanisms of Adhesion in *Candida albicans*." Pediatric AIDS Foundation "Think Tank", Santa Barbara, California, February 28-March 3, 1991.
6. Invited symposium speaker, "Integrin Analogs in *Candida albicans* and *Saccharomyces cerevisiae*," French Society of Microbiology, Pasteur Institute, November 21, 1991.
7. Invited symposium speaker, "Integrin Analogs in the Pathogenesis of Candidal Infections," Frontiers in Science, AMSPDC, Fort Myers, Florida, March, 1992.
8. Invited symposium speaker, "Complement Receptors in *Candida albicans* : Structure, Function, and Role in Pathogenesis," Fourth International Symposium on Fungal Dimorphism, Cambridge, England, September 1-4, 1992.
9. Invited symposium speaker, "Microbial Adhesion and Invasion," Interscience Conference on Antimicrobial Agents and Chemotherapy, Anaheim, California, October 12, 1992.
10. Invited speaker, "Epithelial Adhesion in *Candida albicans*," Gordon Conference, Newport, Rhode Island, June 25-28, 1995.
11. Invited symposium speaker, "Integrin Analogs and Adhesion of *Candida albicans* to Human Epithelium," 5th International Conference on *Candida* and Candidosis, Palo Alto, California, June 28-30, 1995.
12. Invited plenary lecture, "Adhesion and Morphogenesis in *Candida albicans*," VIIIth Austrian AIDS Congress, Vienna, September 20, 1996.
13. Invited speaker, International Workshop on the Pneumococcus, Lisbon, Portugal, September 25, 1996.
14. Invited speaker, American Society of Microbiology plenary session, "A Gene that Links Adhesion and Morphogenesis in *Candida albicans*," Miami, Florida, May 5, 1997.
15. Hattie Alexander Memorial Lecturer, Columbia University, April 22, 1998.
16. Invited speaker, "Pathogenesis of Candidal Infections," Gordon Conference on Molecular and Cellular Mycology, Plymouth, New Hampshire, July 24-28, 1999.
17. Invited speaker, World Congress of Pediatrics, Amsterdam, Netherlands, August 12-16, 1998.
18. Invited session speaker, 20th Meeting of the Fungal Genetics Society, Asilomar, March 23-28, 1999
19. Invited symposium speaker, 99th annual meeting of the American Society of Microbiology, Chicago, Illinois, June 2, 1999

20. Invited plenary speaker, annual meeting of the Genetical Society of Great Britain, Coventry, April 6-8, 2000
21. Invited speaker, 14th annual meeting of the International Society for Human and Animal Mycology (ISHAM), Buenos Aires, May 8-12, 2000
22. Invited symposium speaker (two separate symposia), 100th annual meeting of the American Society of Microbiology, Los Angeles, California, May 21-24, 2000.
23. Invited speaker, First Pan-American Conference in Neonatology, Cartagena, Colombia, September, 2000.
24. Invited speaker, EURESCO conference, Human Fungal Pathogens, Seefeld, Austria, September, 2001.
25. Maxwell Finland Lecture, Infectious Diseases Society of America, San Francisco, October, 2001.
26. Plenary speaker at International Society of Human and Animal Mycology, San Antonio, May, 2003
27. Invited speaker, Pasteur Merieux International Vaccine Symposium, Annecy, November, 2003 - declined
28. Invited speaker, Society for Pediatric Research 75th anniversary symposium, San Francisco, May, 2004.

Training Record

Name	Position	Years	Current Position
David L. Gordon, M.D.	Graduate Student	1984-87	Professor of Medicine and Microbiology, Med. Ctr., South Australia, AUS.
George M. Johnson, M.D.	Postdoctoral Fellow	1985-87	Professor of Pediatrics, Medical University of South Carolina
Terence L. Zach, M.D.	Postdoctoral Fellow	1986-88	Professor of Pediatrics, Creighton University
David J. Herman, M.D.	Postdoctoral Fellow	1989-91	Private Practice of Internal Medicine/ID, Jersey
Catherine M. Bendel, M.D.	Postdoctoral Fellow	1989-91	Associate Professor, University of Minnesota
Eric J. Michael, M.D.	Postdoctoral Fellow	1990-93	Private Practice of Pediatrics, Neonatology, New Jersey
Cathryn Angel, M.D.	Postdoctoral Fellow	1991-93	Private Practice of Pediatrics, Minnesota
Martin Babcock, Ph.D.	Postdoctoral Associate	1992-93	Abbott Laboratories
Marilyn Meinke, Ph.D.	Postdoctoral Associate	1993-94	Faculty, St. Olaf College Minnesota
Gregory P. DeMuri, M.D.	Postdoctoral Fellow	1993-95	Assistant Professor, University of Wisconsin
Nianjun Tao, Ph.D.	Postdoctoral Associate	1994-96	Biogen, Cambridge, MA.
Cheryl Gale, M.D.	Postdoctoral Fellow	1993-96	Assistant Professor, University of Minnesota
Roger Faix, M.D.	Sabbatical	1994	Professor of Pediatrics, University of Utah
Beverly Smith	Graduate Student	1994-98	Laboratory of Jean Claverys, Toulouse
Qi Cheng, Ph.D.	Postdoctoral Associate	1995-98	Laboratory of University of Minnesota
Melanie Madsen, M.D.	Postdoctoral Fellow	1996-97	Assistant Professor, PICU, University of Georgia
Tania Sadlon, Ph.D.	Postdoctoral Associate	1997-00	Laboratory of David L. Gordon, Flinders Medical Ctr.
Eric Gustafson	Undergraduate	1998-99	YSM IV (match in Pediatrics)
Brendan Graeber	Undergraduate	1998-00	YSM III
Jon Boone, M.D., D.D.	Yale Thesis	2002	Child Psychiatry resident, UCSF
Vasker Bhattacharjee, Ph.D.	Postdoctoral Associate	1999-02	University of Louisville
Charlotte Frank	Graduate Student	1999-	
Scott Gygax, Ph.D.	Postdoctoral Associate	2003-	
Sujata Kar, Ph.D.	Associate Research Scientist	2003-	