

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Charles Stanley Hemenway		POSITION TITLE Associate Professor of Pediatrics	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Middlebury College, Middlebury, VT	B.A.	1981	Environmental Studies
University of Massachusetts, Worcester, MA	M.D.	1987	Medicine
Duke University, Durham, NC	Ph.D.	1996	Genetics

**Biographical Information.**

Date and Place of Birth: May 29, 1959  
New Orleans, LA  
Citizenship: USA  
Marital status: Married, two children

**Professional Positions.**

- a. Secondary School Teacher (full-time employment)  
The Cambridge School, Weston, MA
- a. Resident in Pediatrics and Internal Medicine  
University of Florida College of Medicine/Shands Hospital, Gainesville, FL
- a. Fellow in Pediatric Hematology-Oncology  
Duke University Medical Center, Durham, NC
- a. Associate in Pediatrics  
Duke University Medical Center, Durham, NC
- a. Assistant Professor in Pediatrics  
2001-present Associate Professor in Pediatrics  
Tulane University School of Medicine, New Orleans, LA
- 2001-present Faculty, Interdisciplinary Program in Molecular and Cellular Biology  
The Graduate School, Tulane University, New Orleans, LA

**Honors.**

- 1981 Phi Beta Kappa, Middlebury College
- 1987 Hewlett-Packard Company Award, University Of Massachusetts
- 1991-1992 American Cancer Society Clinical Oncology Fellowship, Duke University Medical Center
- 1994 Harry Hutchinson Gibson Fellow in Cancer, Duke Comprehensive Cancer Center
- 1995-1997 American Society of Hematology Scholar Award
- 1999-2003 The Howard Temin Award, National Cancer Institute
- 2003 The Mauverney Research Excellence Award, Debiopharm Pharmaceuticals

**Professional Societies and Organizations.**

- 1992-present American Society of Hematology
- 1997-present Children's Oncology Group
- 2000-present Society for Pediatric Research

## Publications.

Sleasman J.W., Hemenway C., Klein A.S., Barrett D.J.: Corticosteroids improve survival of children with AIDS and Pneumocystis carinii pneumonia. *Am J Dis Child* **147**:30-34, 1993.

Breuder T., Hemenway C.S., Movva N.R., Cardenas M.E., Heitman J.: Calcineurin is essential in cyclosporin A and FK506 sensitive yeast strains. *Proc Natl Acad Sci USA* **91**:5372-5376, 1994.

Heitman J., Cardenas M.E., Breuder T., Hemenway C., Muir R.S., Lim E., Goetz L., Zhu D., Lorenz M., Dolinski K.: Antifungal effects of cyclosporine and FK506 are mediated via immunophilin dependent calcineurin inhibition. *Transplant Proc* **26**:2833-2834, 1994.

Cardenas M.E., Hemenway C., Muir R.S., Ye R., Fiorentino D., Heitman J.: Immunophilins interact with calcineurin in the absence of exogenous immunosuppressive ligands. *EMBO J* **13**:5944-5957, 1994.

Hemenway C.S., Dolinski K., Cardenas M.E., Hiller M.A., Jones E.W., Heitman J.: *vph6* Mutants of *Saccharomyces cerevisiae* require calcineurin for growth and are defective in vacuolar H<sup>+</sup>-ATPase assembly. *Genetics* **141**:833-844, 1995.

Hemenway C.S.: FK506 in bone marrow transplantation. *Blood* (letter) **86**:3611-3612, 1995.

Hemenway C.S., Heitman J.: Immunosuppressant target protein FKBP12 is required for P-glycoprotein function in yeast. *J Biol Chem* **271**:18527-18534, 1996.

Hemenway C.S., Halligan B.W., Levy L.S.: The Bmi-1 oncoprotein interacts with dinG and MPh2: the role of RING finger domains. *Oncogene* **16**:2541-2547, 1998.

Hemenway C.S., Heitman J.: LIC4, a nuclear phosphoprotein that cooperates with calcineurin to regulate cation homeostasis in *Saccharomyces cerevisiae*. *Mol Gen Genet* **261**:388-401, 1999.

Hemenway C.S., Halligan B.W., Gould G.C.D.: A method to generate full-length cDNA molecules from yeast two-hybrid clones and RACE products. *Anal Biochem* **268**:161-162, 1999.

Hemenway C.S., Halligan B.W., Gould G.C.D., Levy, L.S.: Identification and analysis of a third mouse *Polycomb* gene, *MPc3*. *Gene* **242**:31-40, 2000.

Hemenway, C.S., de Erkenez, A.C., Gould, C.G.D.: The Polycomb protein MPc3 interacts with AF9, an MLL fusion partner in t(9;11)(p22;q23) acute leukemias. *Oncogene* **20**:3798-3805, 2001.

Srinivasan, R.S., de Erkenez, A.C., Hemenway, C.S.: The Mixed Lineage Leukemia fusion partner AF9 binds specific isoforms of the BCL-6 corepressor. *Oncogene* **22**:3395-3406, 2003.

Erfurth, F., Hemenway, C.S., de Erkenez, A.C., Domer, P.H.: MLL fusion partners AF4 and AF9 interact at subnuclear foci. *Leukemia* **18**:92-102, 2004.