

BIOGRAPHICAL SKETCH

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NAME Pettepher, Cathleen C.		POSITION TITLE Associate Professor	
eRA COMMONS USER NAME			
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
University of South Alabama, Mobile, AL	B.S.; B.S.	1985:1987	Chem.; Biomed. Sci.
University of South Alabama, Mobile, AL	Ph.D.	1990	Structural & Cell Biol.
Vanderbilt Univ. Medical School, Nashville, TN	Fellowship	1990-93	Diabetes; Glucokinas

A. Positions and Honors.**Positions and Employment**

1990-1993 Research Associate, Dept. of Molecular Physiology & Biophysics, Vanderbilt University Medical School, Nashville, TN

1993-1994 Instructor, Dept. of Cell Biology, Vanderbilt University Medical School, Nashville, TN

1994-Pres. Associate Director, Transgenic Mouse Shared Resource, Vanderbilt Ingram Cancer Center, Francis Williams Preston Laboratories

1994-1999 Assistant Professor, Dept. of Cell Biology, Vanderbilt University Medical School, Nashville, TN

1998-1999 Interim Course Director for Gross Anatomy

1998-Pres. Adjunct Instructor of Physical Therapy, Belmont University

1998-2002. Managing Director, Transgenic Mouse Shared Resource, Vanderbilt Ingram Cancer Center, Francis Williams Preston Laboratories

1999-2000 Course Director, 4th year Gross Anatomy Elective

1999-2000 Associate Professor, Dept. of Cell Biology, Vanderbilt University Medical School, Nashville, TN

1999-Pres. Course Director, Medical Cell and Tissue Biology

2000-2005 Associate Professor, Dept. of Cancer Biology, Vanderbilt University Medical School, Nashville, TN

2002-2005 Director, Transgenic Mouse Shared Resource, Vanderbilt Ingram Cancer Center, Francis Williams Preston Laboratories

2005-Pres. Professor, Depts. of Cancer Biology and Cell & Developmental Biology, Vanderbilt University Medical School, Nashville, TN

Honors

1992-1994 Juvenile Diabetes Foundation Postdoctoral Fellowship

1994 Nominated as the "Best Lecturer" by the first year medical students

2001 Distinguished Faculty Member, Class of 2001

2003-07 Distinguished Faculty Member of Classes 03-07

2007 Recipient of the Vanderbilt "John Sergent Excellence in Teaching" Award

2007 Student Marshall for the Vanderbilt Medical School Class of 2007

B. Selected peer-reviewed publications (in chronological order).**Book Chapters:**

1. Magnuson, Mark A., Niswender, Kevin D., **Pettepher, Cathleen C.**, Glucokinase Gene Expression and Regulation. Chapter 7 from Molecular Biology of Diabetes, Part I. Edited by B. Drazin and D. LeRoith. 1994 Humana Press Inc., Totowa, NJ.

Abstracts:

1. Generation of a "loxed" Prostaglandin EP4 Receptor Gene in Mice Suitable for Conditional Knock-out Studies. Andre' Schneider (1), YouFei Guan (1), Yahua Zhang (1), **Cathy Pettepher** (2), Mark Magnuson (2) and Matthew D. Breyer (1). (Sponsored by Matthew D. Breyer) (1) Division of Nephrology, Vanderbilt University, Nashville, TN; and (2) Vanderbilt Ingram Cancer Center, Nashville, TN.

Publications:

1. Jetton, T.J.; Liang, Yin; **Pettepher, C.C.**; Zimmerman, E.C.; Cox, F.G.; Horvath, Karoly; Matschinsky, F.M. and Magnuson, M.A. Analysis of upstream glucokinase promoter activity in transgenic mice and identification of glucokinase in rare neuroendocrine cells in the brain and gut. Journal of Biological Chemistry 269 (5): 3641-3654, 1994.
2. Postic, Catherine; Niswender, Kevin D.; Decaux, Jean-Francois; Parsa, Ramine; Shelton, Kathy D.; Gouhot, Betty; **Pettepher, Cathleen C.**; Granner, Daryl K.; Girard, Jean and Magnuson, Mark A. Cloning and Characterization of the Mouse Glucokinase Gene Locus and Identification of Distal Liver-Specific Dnase I Hypersensitive Sites. Genomics. 29:740-750, 1995.
3. Andre' Schneider, YouFei Guan, Yahua Zhang, Mark A. Magnuson, **Cathy Pettepher**, Charles D. Loftin, Robert Langenback, Richard M. Breyer, and Matthew D. Breyer. Conditional Targeting of the Mouse Prostaglandin EP₄ Receptor Locus. Genesis, accepted for publication; 2004.

C. Research Support.**Ongoing Research Support**

Not applicable.