

Meredith S. LeMasurier
Chief Editor, Nature Neuroscience

Nature Publishing Group
New York, NY
meredith.lemasurier@us.nature.com

Editorial Experience

10/2014 – present	Chief Editor – Nature Neuroscience, Nature Publishing Group
7/2012 – 10/2014	Deputy Editor – Neuron, Cell Press
9/2011 - 7/2012	Senior Scientific Editor and Reviews Editor – Neuron, Cell Press
12/2010 - 9/2011	Senior Scientific Editor – Neuron, Cell Press
4/2009 - 12/2010	Associate Scientific Editor – Neuron, Cell Press
6/2007 - 4/2009	Assistant Scientific Editor – Neuron, Cell Press

Education

1996-2002:	Brandeis University, Waltham, MA Ph.D. in Biochemistry February 2002
------------	---

Research Experience

11/2001-5/2007:	Oregon Health & Science University, Portland, OR <i>Postdoctoral Fellow</i> Oregon Hearing Research Center and Vollum Institute Dr. Peter Gillespie, supervisor Investigation of mechanoelectrical transduction in auditory hair cells. Cloning and characterization of hair cell TRP ion channels. Screening of PMCA2 mutants for specific inhibitors. Construction of genetically engineered mice.
-----------------	--



9/1996-9/2001: **Brandeis University, Waltham, MA**
Graduate Research Assistantship
 Department of Biochemistry and HHMI
 Dr. Chris Miller, mentor
 Electrophysiological characterization of the KcsA K⁺ channel at the single molecule level. Exploration of gating mechanism and study of the selectivity and permeation properties.

Research Publications

Hill, J.K., Williams, D.E., **LeMasurier, M.**, Dumont, R.A., Strehler, E.E., Gillespie, P.G. Splice-Site A Choice Targets Plasma-Membrane Ca²⁺-ATPase Isoform 2 to Hair Bundles. (2006) *J. Neurosci.* **26**, 6172-80.

LeMasurier, M., Heginbotham, L., Miller, C. KcsA: It's a Potassium Channel. (2001) *J. Gen. Physiol.* **118**, 303-313

Jacques, S. L., **LeMasurier, M.**, Sheridan, P. J., Seeley, S. K., Kuliopulos, A. Substrate-Assisted Catalysis of the PAR1 Thrombin Receptor. (2000) *J. Biol. Chem.* **275**, 40671-40678

Heginbotham, L., **LeMasurier, M.**, Kolmakova-Partensky, L., Miller, C. Single *Streptomyces lividans* K⁺ Channels. (1999) *J. Gen. Physiol.* **114**, 551-559

Reviews & Commentaries

LeMasurier, M. and Gillespie, P.G. Hair-Cell Mechanotransduction and Cochlear Amplification. (2005) *Neuron* **48**, 403-415

Strassmaier, M. and Gillespie, P. G. Fast Adaptation in the Mammalian Cochlea: a Conserved Mechanism for Cochlear Amplification. (2003) *Nat. Neurosci.* **6**, 790-791

Strassmaier, M. and Gillespie, P. G. The Hair Cell's Transduction Channel. (2002) *Curr. Opin. Neurobiol.* **12**, 380-386