

Department of Physiology

Research Retreat
May 19-20, 2008

Heidel House Resort • Green Lake, WI

POSTER SESSION

Monday, May 19, 2008
3:30-5:30 p.m. • Sandstone Room

Title	Presented By
<i>Probing the coupling between the voltage sensors in the voltage-gated Na⁺ channel</i>	Deborah Capes
<i>Hadrucalcin, A Novel Member Of The Calcitonin Receptor-Like Receptor Family, Rapidly Penetrates Cellular Membranes To Bind Ryanodine Receptors And Alter Calcium Release</i>	Michelle Capes
<i>Protein Kinase A-Mediated Phosphorylation of cMyBP-C Increases Proximity of Myosin Heads to Actin in Resting Myocardium</i>	Brett Colson
<i>Intersubunit communication in the GABA_A receptor</i>	Marcel Goldschen
<i>Loop F of the GABA-A receptor $\alpha 2$ subunit is a determinant of benzodiazepine efficacy</i>	Sue Hanson
<i>Sigma Receptor Modulation of Voltage Dependent Sodium Channels</i>	Molly Johannessen
<i>Motion of the GABA-A Receptor Loop C Binding Site Region</i>	Amy Kucken & Cindy Czajkowski
<i>The GABA_A receptor epilepsy mutation gamma-2 R43Q reduces inhibitory tonic current</i>	Kile Mangan
<i>Molecular basis of coupling between voltage-sensor and pore</i>	Manoel Miranda
<i>hERG 1a NT Nonsense Mutations: Sefining a Mechanism for Long QT Syndrome</i>	Elon Roti Roti
<i>Medial Perforant Path is More Tightly Coupled to Spiking of Fast-Spiking Interneurons in the Dentate Gyrus than is Lateral Perforant Path</i>	Laura Stenton
<i>Reduced current expression of co-expressed Kir2.1 wild type and novel V227F-KCNJ2 mutant channels by increased protein kinase A activity is regulated by serine 425.</i>	Amanda Vega
<i>Improvements in hVOS probes:A hybrid voltage imaging method based on FRET</i>	Dongsheng Wang