

Department of Physiology

Research Retreat
May 19-20, 2008

Heidel House Resort • Green Lake, WI

PROGRAM

Monday, May 19, 2008

9:30 a.m.	Arrival and Registration	Dartford
10:00-10:15 a.m.	Welcome Rick Moss	Dartford
10:15-10:35 a.m.	Robert Fettiplace - <i>Calcium transients during hair cell transduction</i>	
10:40-11:00 a.m.	Donata Oertel - <i>Advances in understanding the cochlear nuclei by means of genetic mutations</i>	
11:05-11:25 a.m.	Baron Chanda - <i>The gating mechanisms of voltage-dependent sodium channels using local anesthetics</i>	
11:30-11:50 p.m.	Jeff Walker - <i>If chronic endothelin stimulation is so bad for the heart, why are endothelin receptor antagonists ineffective in combating heart disease?</i>	
11:55-12:15 p.m.	Ying Ge - <i>Top down proteomics: deciphering protein modifications for understanding and diagnosis of human diseases</i>	
12:30-1:30 p.m.	Lunch	Dartford
1:30-3:30 p.m.	Free Time	
3:30-5:30 p.m.	Poster Session	Sandstone
6:00-7:00 p.m.	Dinner	Dartford
7:00 – 8:00 p.m.	Invited Speaker Lee Sweeney	Dartford
8:00 p.m.	Networking/Discussion/Social	Dartford

Our thanks to **Roche NimbleGen** and **Nikon**
for their generous sponsorship of the
2008 Dept of Physiology Retreat!

Department of Physiology

Research Retreat

May 19-20, 2008

Heidel House Resort • Green Lake, WI

PROGRAM

Tuesday, May 20, 2008

7:00-8:30 a.m.	Breakfast	Dartford
8:30-8:45 a.m.	Nancy Benkusky - <i>Intact β-Adrenergic response and progression towards heart failure in mice with ablation of a major PKA site in the cardiac ryanodine receptor</i>	
8:50-9:05 a.m.	Brett Colson - <i>Ultrastructural basis for accelerated force development in myocardium due to ablation or phosphorylation of cMyBP-C</i>	
9:10-9:25 a.m.	Gary Jones - <i>Binaural hearing in deaf adults who use bilateral cochlear implants</i>	
9:30-9:45 a.m.	Byoungsoon Kim – <i>A Bayesian inference read-out of superior colliculus population activity predicts movement decisions</i>	
9:50-10:05 a.m.	Zhen Zhang – <i>Fusion pore regulation by phosphatidylserine</i>	
10:10-10:25 a.m.	Molly Johannesen – <i>Sigma-1 receptor modulation of voltage-dependent sodium channels</i>	
10:30-11:00 a.m.	Break	
11:00-12:00 a.m.	Invited Speaker Indira Raman	Dartford
12:00-1:00 p.m.	Lunch	Dartford
1:00-1:15 p.m.	Cassie Theusch - <i>Detecting conformational changes in the GABA-A receptor channel</i>	
1:20-1:35 p.m.	Enfu Hui - <i>Synaptotagmin senses membrane curvature</i>	
1:40-2:00 p.m.	Bill Chiu – <i>Mitochondria-mediated calcium signaling at nodes of ranvier</i>	
2:00 p.m.	Closing Remarks	

Our thanks to **Roche NimbleGen** and **Nikon**
for their generous sponsorship of the
2008 Dept of Physiology Retreat!