Cell and Molecular Biology Department Retreat  
Monday - September 29, 2014  
From 8 to 6:00 pm  
Rancho Bernardo Inn  
17550 Bernardo Oaks Drive, San Diego, California

PROGRAM

8:00 a.m. to 9:00  BREAKFAST (will be provided)

9:00 a.m. to 9:10  Velia M. Fowler  
Welcome / Open Remark

9:15 a.m. to 9:40  James C. Paulson  
Influenza Virus Receptors

9:50 a.m. to 10:15  Philip Dawson  
Structural Role of the HIV TM Domain in Viral Fusion and Neutralizing Antibody Recognition

10:20 a.m. to 10:45  Martin Friedlander  
Stemming Vision Loss with Stem Cells (and a little help from Ras, VHL, HIFs and VEGF)

10:50 a.m. to 11:10  AM BREAK

11:10 a.m. to 11:35  Peiqing Sun  
Signal Transduction Pathways Mediating Oncogene-induced Senescence

11:40 a.m. to 12:05  Nathalie Franc  
Apoptotic Cell Clearance: A Negative Role For The Ribosomal Protein RpS6

12:10 p.m. to 12:35  POSTER HIGHLIGHTS

• Danielle Grotjahn  
Ultrastructural Analysis of Motor Protein Conformations and Regulation in Neurons

• James Short  
Towards Understanding the Structural Basis of Outer Mitochondrial Membrane Modifications Induced during Flock House Virus Replication

• Yoshitake Cho  
PGC-1 and ERR-induced Regulator in Muscle 1 (Perm1) Regulates Oxidative Metabolism in Skeletal Muscle

• David S. Gokhin  
Control of Thin Filament Lengths by Sarcomeric Tropomodulin Isoforms: Insights from Mouse Models
12:35 p.m. to 2:00  LUNCH (will be provided) / POSTER SESSION

2:00 p.m. to 2:25  Claudio Joazeiro  
The Listerin/Ltn1 E3 Ligase Links Co-translational Protein Quality Control and Neurodegeneration

2:30 p.m. to 2:55  Larry Gerace  
Cell Signaling Control at the Nuclear Lamina

3:00 p.m. to 3:25  Gerald Joyce  
A Cross-Chiral RNA Polymerase Ribozyme

3:30 p.m. to 3:50  PM BREAK

3:50 p.m. to 4:15  Xiang-Lei Yang  
Peripheral Neuropathy is Linked to Neomorphic Binding Activity of tRNA Synthetase

4:20 p.m. to 4:45  Joel Gottesfeld  
RNA Toxicity as the Basis for Both Rare and Common Diseases

5:00 p.m. to 5:10  Velia M. Fowler  
Closing

5:10 p.m. to 6:00  RECEPTION / POSTER SESSION