



Cell and Molecular Biology Department Retreat  
Tuesday - September 24, 2013  
From 8 to 5:30 pm  
Catamaran Resort Hotel & Spa  
3999 Mission Boulevard, San Diego, California

### PROGRAM

<u>8:00 TO 8:40</u>	<u>BREAKFAST</u>
8:40 to 8:50	<b>Jim Paulson</b> Introduction/Open
8:50 to 9:15	<b>Paul Schimmel</b> Connecting Mistranslation to Disease
9:20 to 9:40	<b>Min Guo</b> Nontranslational Function of Human tRNA Synthetases for Cancer Therapy
9:45 to 10:05	<b>Eros Denchi</b> How Telomeres Protect Chromosome Ends
10:10 to 10:25	<b>Elisabetta (Liz) Soragni</b> Development of an Epigenetic Therapy for the Neurodegenerative Disease Friedreich's Ataxia
<u>10:30 TO 10:50</u>	<u>AM BREAK (20 MIN)</u>
10:50 to 11:10	<b>Vaughn Smider</b> Holy Cow! Structure and Diversity of Bovine Ultralong CDR3 Antibodies
11:15 to 12:00	<u>POSTER HIGHLIGHTS</u> <ul style="list-style-type: none"><li>• <b>Yi Shi</b> Serine tRNA Synthetase is a Transcriptional Repressor of VEGFA</li><li>• <b>Daiki Matsuda</b> Base-pairing between Hepatitis C virus RNA and 18S rRNA is Required for IRES-dependent Translation Initiation</li><li>• <b>James Short</b> The Cellular Distribution of (+) RNA during Flock House Virus Infection: Implications for the Selection of Genomic RNA during Virus assembly</li><li>• <b>Michael Huber</b> Erlins are Part of an ER Macromolecular Assembly Regulating Cellular Cholesterol Levels</li><li>• <b>Hui Xiao</b> The Pallbearer-SCF Complex Promotes Degradation of RpS6, a Negative Regulator of Apoptotic Cell Clearance</li><li>• <b>Maria Del Valle Palomo Ruiz</b> Design and Synthesis of Specific Probes to Track and Target Citrulline Reactive B Cells</li><li>• <b>Karsten Sauer</b> Deciphering the Inositol Phosphate Code</li></ul>

12:05 TO 13:30                    LUNCH/POSTER (1.5 HR)

13:30 to 13:50                    **Bill Balch**  
Managing the Diseased Proteome through Proteostasis

13:55 to 14:15                    **Steve Reed**  
Understanding Parkinson's Disease: Mechanistic Insights and New Therapeutic Targets

14:20 to 14:40                    **Velia Fowler**  
Actin Dynamics in Striated Muscle Sarcomeres: From Molecules to Myopathies

14:45 TO 15:05                    PM BREAK (20 MIN)

15:05 to 15:25                    **Natasha Kralli**  
Estrogen-Related Receptors (ERRs): Regulators of Energy Homeostasis

15:30 to 15:50                    **Elena Deryugina**  
Tumor Cell Intravasation: Putative Mechanisms and Validated Outcomes During Metastasis

15:55 to 16:15                    **Lindsey Miles**  
Plasminogen Receptor KT and the Plasminogen Activation System

16:20 to 16:35                    **Matt Macauley**  
Siglec-induced B Cell Tolerance and Its Therapeutic Potential

16:40 to 16:45                    **Jim Paulson**  
Closing

16:45 to 18:00                    RECEPTION / POSTER SESSION