Scripps Research

Molecular Medicine Department Retreat
Saturday, October 13, 2018
From 8 a.m. to 5:00 p.m.
Point Loma Ballroom at the Kona Kai Resort & Spa
1551 Shelter Island Drive; San Diego, CA 92106

POSTER SESSION

Location: Ballroom (please set up upon arrival)
Poster board (size 4 ft Height x 6 ft Width) pins are provided

Poster No.	Lab	Poster
1.	Balch	• Deconvolution of Genomic Disease Through Variation Landscapes Chao Wang, Samantha M Scott, Darren M Hutt, Salvatore Loguercio, Nicole Farhat, Forbes D Porter, Sarah Gale, Daniel S Ory, Jason E Gestwicki, and William E Balch
2.	Catz	• Cross-regulation of defective endolysosome trafficking and enhanced autophagy through TFEB in UNC13D deficiency Jinzhong Zhang, Jing He, Jennifer L. Johnson, Gennaro Napolitano, Mahalakshmi Ramadass, Farhana Rahman, and Sergio D. Catz
3.	Conti	• The Role of House Dust Mites as an Animal Model of Parkinson's disease Carlos A. Aguirre, Simone Mori, Manuel Sanchez-Alavez, Rigo Cintron-Colon, and Bruno Conti
4.	Felding	• Cross Talk between RET and Estrogen Receptor in Endocrine Therapy Resistant Breast Cancer Guorui Yao, Anna-Lena Kolb, Aaron Kirchhoff, Brunie Felding
5.	Gerace	• Proteomics analysis of mesenchymal cells reveals novel nuclear envelope proteins and suggests new functions for the nuclear pore complex and lamina Li-Chun Cheng, Sabyasachi Baboo, Liza Brusman, Salvador Martinez Debartolome, Cory Lindsay, Xi Zhang, Larry Gerace and John Yates.
6.	Griffin P.	• Ligand gating RORÉ¡ to explore ligand-dependent activities Timothy S. Strutzenberg, Ruben Ordonez-Garcia, Scott Novick, and Patrick R. Griffin
7.	Griffin P.	• Determining the Mechanism of Action of Liver Receptor Homolog 1 Modulator SR1848 Valentine V. Courouble, Elizabeth Miguet, Cesar Corzo, Yelenis Mari, Mi Ra Chang, and Patrick R. Griffin

Abbreviation: Chem: Chemistry Neuro: Neuroscience MM: Molecular Medicine

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8.	Gottesfeld	• Repeat-Associated Non-ATG (RAN) Translation in Fuchs Endothelial Corneal Dystrophy Elisabetta Soragni, Lina Petrosyan, Tommy A. Rinkoski, Eric D. Wieben, Keith H. Baratz, Michael P. Fautsch, and Joel M. Gottesfeld
9.	Hansen	• Studies on the molecular mechanism of inhaled anesthesia Mahmud Arif Pavel, E. Nicholas Petersen, Richard A. Lerner, Scott B. Hansen
10.	Makarenkova	• The Role of Aging and Inflammation in Myoepithelial Cell and Lacrimal Gland Dysfunction Tatiana Zyrianova, Liana Basova, Katherine Chang, Takeshi Umazume, and Helen P. Makarenkova.
11.	Miles	• Plasminogen and the plasminogen receptor, Plg-RKT, regulate efferocytosis and macrophage reprogramming Juliana P. Vago, Michele A. Sugimoto, Nagyung Baik, Robert J. Parmer, Lirlandia Pires de Sousa and Lindsey A. Miles
12.	Mosnier	• Defective TAFI activation exacerbates vascular remodeling in hemophilic arthropathy Tine Wyseure, Esther J. Cooke, Paul J. Declerck, Joost C. Meijers, Annette von Drygalski and Laurent O. Mosnier
13.	Paulson	• Targeted Activation of Siglec-1+ Macrophages Enables Programming of T cell Responses Landon J. Edgar, Norihito Kawasaki, Corwin M. Nycholat, and James C. Paulson
14.	Saez	• Intestinal bitter taste receptor activation alters hormone secretion and imparts metabolic benefits Bernard P. Kok, Andrea Galmozzi, Nicole K. Littlejohn, Verena Albert, Cristina Godio, Woojoo Kim, Sean M. Kim, Jeffrey S. Bland, Neile Grayson, Mingliang Fang, Wolfgang Meyerhof, Gary Siuzdak, Supriya Srinivasan, Maik Behrens, and Enrique Saez
15.	Saez	• Pgrmc2 is a heme sensor that controls adaptive thermogenesis and systemic energy homeostasis Galmozzi A, Kok BP, Kim AS, Montenegro-Burke JR, Lee JY, Parker CG, Albert V, Webb W, Conti B, Siuzdak G, Cravatt BF, Saez E
16.	Scampavia	• Application of Clinically Relevant 3D Tumor Models and HTS Directed at Personalized Medication Louis Scampavia and Tim Spicer

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17.	Schimmel	• Non-translational functions of arginyl-tRNA synthetase Haissi Cui, Douglas C. Wu, James J. Moresco, Ryan M. Nottingham, Jolene K. Diedrich, Litao Sun, John R. Yates 3rd, Xiang-Lei Yang, Alan M. Lambowitz, and Paul Schimmel
18.	Schimmel	• ANKRD16 prevents neuron loss caused by an editing-defective tRNA synthetase My-Nuong Vo, Markus Terrey, Jeong Woong Lee, Bappaditya Roy, James J. Moresco, Litao Sun, Hongjun Fu, Qi Liu, Thomas G. Weber, John R. Yates III, Kurt Fredrick, Susan L. Ackerman, and Paul Schimmel
19.	Spicer	• Addressing the Scalability of Human iPSC-derived Neurons for HTS Implementation and Phenotypic Screening BanuPriya Sridharan, Christopher Hubbs, Murat Kilinc, Nerea Llamosas Munozguren, Erik Willems, David R. Piper, Louis Scampavia, Gavin Rumbaugh, and Timothy P. Spicer
20.	Wiseman	• Chemical Biology and Stress-Responsive Signaling R. Luke Wiseman
21.	Wiseman	• Discovering Novel Small Molecule Activators of the IRE1/XBP1s Signaling Pathway Julia M.D. Grandjean, Lars Plate, Bryan Seguinot, Lauren Cech, Jeffery W. Kelly, R. Luke Wiseman
22.	Wu, P	• A Single-step Chemoenzymatic Reaction for the Construction of Antibody-cell Conjugates Jie Li, Mingkuan Chen, Zilei Liu, Linda Zhang, and Peng Wu
23.	Ye	• Towards whole-body morphological and functional mapping of the sensory system Yu Wang, Victoria Shannon Nudell, and Li Ye