

Biology

Session **C**

Room: 19 Baxter

10:20 - 10:40 AM	Pengsu Jiang	VENs and Differential Expression of Genes Between Autistic and Control Samples	John M. Allman <i>Frank P. Hixon Professor of Neurobiology</i> Nicole A. Tetreault <i>Graduate Student in Biology</i>
10:40 - 11:00 AM	Sylvia M. Puglisi <i>Dr. Paraskeva N. Danailov SURF Fellow</i>	Study of Gene Expression in Connected Locations in Adult C57Bl/6J Mouse Brain via Diffusion-Tensor Imaging	John M. Allman <i>Frank P. Hixon Professor of Neurobiology</i>
11:00 - 11:20 AM	Allen Chen Pitzer College <i>Amgen Scholar</i>	Molecular Interactions Between IKappaB Kinase and REST	Paul H. Patterson <i>Anne P. and Benjamin F. Biaggini Professor of Biological Sciences</i> Ali Khoshnan <i>Senior Research Fellow in Biology</i>
11:20 - 11:40 AM	Zongyu Li	Construction and Characterization of a Single-Chain Variable Fragment Antibody Against Pyro-Beta-Amyloid	Paul H. Patterson <i>Anne P. and Benjamin F. Biaggini Professor of Biological Sciences</i> Ali Khoshnan <i>Senior Research Fellow in Biology</i>
11:40 AM - 1:00 PM	LUNCH		
1:00 - 1:20 PM	Kiefer P. Aguilar <i>Marcella Bonsall SURF Fellow</i>	Engineering Immunity: A T-Independent Immunogen to Elicit Programmed Broadly Neutralizing Antibody Response Against HIV	David Baltimore <i>Robert Andrews Millikan Professor of Biology; Nobel Laureate; President Emeritus</i> Kenneth K. Yu <i>Graduate Student in Biology</i>
1:20 - 1:40 PM	Veenadhari Chavakula <i>Franz and Anne Nierlich SURF Fellow</i>	Testing Whether the Innate Immune System Selects Against Influenza Viruses With CpG Motifs	David Baltimore <i>Robert Andrews Millikan Professor of Biology; Nobel Laureate; President Emeritus</i> Jesse D. Bloom <i>Postdoctoral Scholar in Biology</i>

1:40 - 2:00 PM	Theresa L. Geiger <i>Arthur R. Adams SURF Fellow</i>	Novel Methods to Study miR-34a Loss-of-Function in Murine Hematopoiesis	David Baltimore <i>Robert Andrews Millikan Professor of Biology; Nobel Laureate; President Emeritus</i> Dinesh S. Rao <i>Graduate Student in Biology</i>
2:00 - 2:20 PM	Qing Yu Weng	Characterization of Dendritic Cell Behavior in Response to Toll-Like Receptor Stimulation	David Baltimore <i>Robert Andrews Millikan Professor of Biology; Nobel Laureate; President Emeritus</i> Lili Yang <i>Scientist in Biology</i>
2:20 - 2:30 PM	BREAK		
2:30 - 2:50 PM	Kasra Rahbar <i>Heather and Paul Haaga SURF Fellow</i>	Single Molecule Fluorescence <i>in situ</i> Hybridization in Studying Pluripotency in Mouse Embryonic Stem Cells	Michael B. Elowitz <i>Assistant Professor of Biology and Applied Physics; Bren Scholar</i>
2:50 - 3:10 PM	ZeNan L. Chang <i>Rose Hills Foundation SURF Fellow</i>	Light-Mediated Modulation of a Phosphorelay to Study the Initiation of Sporulation	Michael B. Elowitz <i>Assistant Professor of Biology and Applied Physics; Bren Scholar</i> Joe Levine <i>Graduate Student in Computation and Neural Systems</i>
3:10 - 3:30 PM	Arjun Ravikumar	Improving Segmentation of Time-Lapse Microscopy Image Analysis and Cell Morphology Dependent Simulations of Lateral Inhibition Patterns	Michael B. Elowitz <i>Assistant Professor of Biology and Applied Physics; Bren Scholar</i>