

## Biology and Bioengineering

Session **A**

Room: 125 Baxter

1:00 - 1:20 PM	<b>Ava O. Barbano</b> <i>Larson Scholar</i>	Identifying the Circuit for Odor-induced Visual Valence in <i>Drosophila</i>	Michael H. Dickinson <i>Esther M. and Abe M. Zarem</i> <i>Professor of Bioengineering and</i> <i>Aeronautics</i> Ivo Ros <i>Senior Postdoctoral Scholar</i> <i>Research Associate in Biology and</i> <i>Biological Engineering</i>
1:20 - 1:40 PM	<b>Darshana Marathe</b> University of Cambridge <i>Caltech-Cambridge Exchange</i>	Evaluating and Characterising the Antibody Response to Mosaic RBD Nanoparticles as Novel Vaccine Candidates	Pamela J. Bjorkman <i>David Baltimore Professor of</i> <i>Biology and Biological</i> <i>Engineering; Merken Institute</i> <i>Professor</i> Jennifer R. Keeffe <i>Senior Research Scientist in</i> <i>Biology and Biological</i> <i>Engineering</i> Alexander Cohen <i>Postdoctoral Scholar Research</i> <i>Associate in Biology and</i> <i>Biological Engineering</i>
1:40 - 2:00 PM	<b>Azucena K. Virgen</b> University of California, Davis <i>Chen Institute BrainWAVE</i> <i>Fellow</i>	Investigating the Regenerative Capacity of the Craniofacial Neural Crest	Marianne Bronner <i>Edward B. Lewis Professor of</i> <i>Biology</i> Tatiana Solovieva <i>Postdoctoral Scholar Research</i> <i>Associate in Biology and</i> <i>Biological Engineering</i>
2:00 - 2:20 PM	<b>Pei-yu Kao</b> National Taiwan University <i>BaBar SURF Fellow</i>	Neural Crest Cells in Jaw Regeneration	Marianne Bronner <i>Edward B. Lewis Professor of</i> <i>Biology</i> Miyuki Suzuki <i>Postdoctoral Scholar Fellowship</i> <i>Trainee in Biology and Biological</i> <i>Engineering</i>

2:20 - 2:40 PM	<b>Adeline L. Sun</b> University of California, Los Angeles <i>Amgen Scholar</i>	Understanding Contributions of Mitochondrial Translocase of the Outer Membrane (TOM) to the Integrated Stress Response Under Iron Deficient Conditions	David C. Chan <i>Harold and Violet Alvarez Professor of Biology</i> Yogaditya Chakrabarty <i>Senior Postdoctoral Scholar in Biology and Biological Engineering</i>
2:40 - 2:50 PM	<b>BREAK</b>		
2:50 - 3:10 PM	<b>Yun-Shan Chen</b> National Taiwan University <i>BaBar SURF Fellow</i>	Evaluation of the Glycomic Profile of p97 Disease-Associated Mutants	Tsui-Fen Chou <i>Research Professor of Biology and Biological Engineering</i> Chia Yen Liew <i>Postdoctoral Scholar Research Associate in Biology and Biological Engineering</i>
3:10 - 3:30 PM	<b>Raquel S. Schlichting</b> University of California, Los Angeles <i>Chen Institute BrainWAVE Fellow</i>	Effects of Oxytocin Receptor Knockdown in Cholecystokinin A Receptor-expressing Neurons in the Ventromedial Ventrolateral Hypothalamus on Female Sexual Learning and Motivation in Female Mice	David J. Anderson <i>Seymour Benzer Professor of Biology; Investigator, Howard Hughes Medical Institute</i> Emma Boxer <i>Postdoctoral Scholar Fellowship Trainee in Biology and Biological Engineering</i>
3:30 - 3:50 PM	<b>Natalie J. Lytell</b> <i>Laurence J. Stuppy SURF Fellow</i>	Exploring and Predicting the Combinatorial Effect of Cytokines on Downstream Signaling	Michael B. Elowitz <i>Roscoe Gilkey Dickinson Professor of Biology and Bioengineering; Investigator, Howard Hughes Medical Institute</i> Dayeon J. Shon <i>Postdoctoral Scholar Fellowship Trainee in Biology and Biological Engineering; Associate, Howard Hughes Medical Institute</i>
3:50 - 4:10 PM	<b>Hanna K. Diop</b> University of California, Irvine	Metabolic Contributions of <i>Lactobacillus brevis</i> ATCC 367 in Adult <i>Drosophila melanogaster</i>	Lea A. Goentoro <i>Professor of Biology</i> Judah Bates <i>Graduate Student in Bioengineering</i>
4:10 - 4:30 PM	<b>Ameerah O. Saliu</b> University of Cambridge <i>Caltech-Cambridge Exchange</i>	Engineering a Non-immunogenic Drug-inducible Vector System for Self-replicating RNA Vaccine Delivery	Bruce A. Hay <i>Professor of Biology</i> Thomas Adamo-Schmidt
4:30 - 4:50 PM	<b>Xiaorui Shi</b> Tsinghua University	A DNA-based Linear Classifier for Sequential Analog Signals	Lulu Qian <i>Professor of Bioengineering</i> Matthew Plazola <i>Graduate Student in Bioengineering</i>