

Graduate Student Category – 1st place

Alexandra M. Simas

PhD Candidate
Stanley N. Gershoff Scholar
Biochemical and Molecular Nutrition Program
Friedman School of Nutrition Science and Policy
Tufts University



Distinct roles for dietary lipids and Porphyromonas gingivalis infection on atherosclerosis progression and the gut microbiota

Alexandra M. Simas^{a,b}, Carolyn D. Kramer^{b,c}, Xianbao He^{c,d}, Robin R. Ingalls^{c,d}, Ellen O. Weinberg^{b,c}, and Caroline Attardo Genco^{b,c,e,f}

^aGraduate Program in Biochemical and Molecular Nutrition, Gerald J. and Dorothy R. Friedman School of Nutrition and Science Policy, Tufts University, Boston, Massachusetts 02111; ^bDepartment of Integrative Physiology and Pathobiology, Tufts University School of Medicine, 136 Harrison Ave, M & V 701, Boston, MA 02111; ^cDepartment of Medicine, Section of Infectious Diseases, Boston University School of Medicine, 650 Albany Street, Boston, MA 02118; ^dBoston Medical Center, Evans Biomedical Research Center, 650 Albany Street, Boston, MA 02118; ^eGraduate Program in Immunology and ^fMicrobiology, Sackler School of Graduate Biomedical Sciences, Tufts University School of Medicine, 136 Harrison Ave, M & V 701, Boston, MA 02111

Graduate Student Category – 2nd place

Sara E. Keefer

PhD Candidate
Behavioral Neuroscience
Department of Psychology
Boston College



Behavioral flexibility during Pavlovian appetitive reversal learning is regulated by the basolateral amygdala-medial prefrontal cortex pathway

Sara E. Keefer & Gorica D. Petrovich

Psychology Department, Boston College, Chestnut Hill, MA, USA

Postdoc Category – 1st place

Cheng-Hao Chien, PhD

Postdoctoral Scholar
Department of Neuroscience
Tufts University School of Medicine



Monitoring AMPK Dynamics in the Hypothalamic Neurons by 2P-FLIM Microscopy

Cheng-Hao Chien¹, Jie Xu¹, Cho Low^{1,2},
Xinchi Yi¹, Peng Wang¹, Dong Kong^{1,2}

¹Department of Neuroscience, Tufts Medical School;
²Program of Neuroscience, Tufts Sackler School of
Graduate Biomedical Sciences, Boston, MA

Postdoc Category – 2nd place

Xiang Pan, PhD

Postdoctoral Associate
Department of Biochemistry
Boston University School of Medicine



Sortilin and Retromer Mediate Retrograde Transport of Glut4 in 3T3-L1 Adipocytes

Xiang Pan, Nava Zaarur, Maneet Singh,
Konstantin V. Kandror

Department of Biochemistry, Boston University
School of Medicine, Boston, MA