

2016 CBN Honors Colloquium Projects

Ami Patel	Effects of Neuropeptide Y on Food Intake Behaviors via Altered Activation in the Locus Coeruleus
Amr Tawfik	The Role of the Endocannabinoid System During Nitrogen Mustard Exposure
Aneesha Cheedalla	Investigating the Antidepressant Like Effects of Neuropeptide VGF
Audrey Dong	Testing the Stability of RGD-KRAS U1 Adaptors Conjugates <i>In Vitro</i> and <i>In Vivo</i>
Chaim Miller	Role of Group L Metabotropic Receptors on Astrocytes in Mediating BDNF Increases Following Exposure to CHPG
Cristina Pinto	Assessing the Effects of Methylmercury Exposure on ASD Neural Stem Cells
Daniel Hyun In Paik	Identification of Genes that Interact with the Kinesin 6 Subito in <i>Drosophila melanogaster</i>
Daniel Quintin	Binge Eating and Accumbens Activity
Deep Raole	Investigating Microgliosis: A Model Simulating Microgliamediated Neuronal Death
Janice Yang	Characterizing the Interaction Between Alpha-Catenin and Jub in <i>Drosophila melanogaster</i>
Jasmine Lin	Anterior Cingulate Cortex Involvement in Cocaine Drug-Seeking
Kamil Sochacki	Investigation of the Influence of Stem-Cell Derived B-Endorphin Pomc Transplants on Stz-Induced Diabetes
Kevin Xie	Dietary Lipid Supplement Rescue in Autophagy Deficient Mice and Effects of Compound NRF2 Knockout and ATG7 Ablation
Khea Tan	Attacking Ovarian Cancer Stem Cells with Niclosamide And Curcumin
Lauren A. Fish	Investigating Mesenchymal Stem Cell Secretion of Brain-Derived Neurotrophic Factor
Maheen Javaid	Using Pharmacological Inhibitors of BMI1 to Restore Tumor Suppressor Activity
Mark Gergues	Amphetamine-Induced Neurotoxicity in NRF2 Knockout Mice as a Model for Parkinson's Disease
Matthew C. Rexroad	Classifying Spe D14-3, a New Fertilization Mutant in <i>Caenorhabditis elegans</i>
Michael Lazaropoulos	Cell Cycle Control in Subject-Derived Ataxia-Telangiectasia Neural Stem Cells
Nadiya Chuchvara	Identification of Binding Proteins and Subcellular Localization for the Hair Cell Protein Pejvakin (Dfnb59)
Nishank Mehta	Biomarker Detection: A Kinetic Platform for Early Cancer Detection
Nizmi Ponery	The Effects of Staphylococcal Enterotoxin A (Sea) on Dendritic Spines
Pavan Shah	Arc Expression in the Dorsal CA2 Hippocampal Subregion Following Object-Place Learning
Pierre Saad	The Effects of Phthalates on Mesenchymal Stem Cell Differentiation
Ramasamy Muthuraman	Assessing the Status of Autophagy in Renal Oncocytoma
Sai Pentyala	Effect of Cd44 Activation and B-Rafv600e Mutation on Mmp-1 Levels in Melanoma Cells
Sanjana Matta	Microglial Proliferation Predominates in Mouse Spinal Cord Dorsal Horn Subsequent to Peripheral Nerve Injury
Shiochee V. Liang	The Role of Rna Binding Proteins Hud and Cugbp1 in Neocortical Development
Sirui Ma	The Role of Autophagy in Ras- Driven Lung Cancer Metabolism
Tayyaba Mohammad	The Role of Microglial Trem2 in Neuropathic Pain
Ziyad Razeq	HDAC3 Regulates Auditory Cortical Plasticity in a Sound Frequency-Specific Manner