NTSS Post-Doctoral and Graduate Student Poster Awards

Note: We had 5 Post-doctoral submissions and 13 Graduate Student submissions.

Post-doctoral Awards:

First Place. S.E. Owens (Vanderbilt University)
   Co-authors: ML Summar, KK Ryckman, JL Haines and M Aschner
   Genetic Variants in Four Metal-Regulatory Genes in Autism.

Second Place. R.I. Erickson (SRI)
   Co-authors: EB Defensor, DR Middaugh, R Garcia, JC Miresalis and KL Steinmetz
   Low-Dose Exposure of Neonatal Rats to the Antimalarial, β-Arteether (βAE), Results in Brainstem Pathology Without Obvious Behavioral Changes.

Third Place. S.A. Benkovic (CDC-NIOSH)
   Co-authors: JP O’Callaghan and DB Miller
   Corticosterone Pretreatment Attenuates Neurodegeneration and Blood-Brain Barrier Disruption Following Excitotoxic Damage from Kainic Acid.

Graduate Student Awards:

First Place. A. Ramkissoon (University of Toronto)
   Co-authors: PG Wells
   Human Prostaglandin H Synthase (hPHS)-1 and hPHS-2-Dependent Protein and DNA Oxidation Caused by Dopamine, its Precursor and Metabolites.

Second Place. A. Giddabasappa (University of Houston)
   Co-authors: W Xiao, B Xu, S Mukherjee, S Chaney, R Hamilton, A Swaroop and DA Fox
   The Sequential Upregulation of Cell Cycle Genes and MASH1 Increases the Proliferation and Differentiation of Late-Born Retinal Progenitor Cells (RPC) in Gestationally Lead-Exposed (GLE) Mice.

Third Place. H.B. Leavesley (Purdue University)
   Co-authors: L Li, K Prabhakaran, L Zhang, X Zhang, JL Borowitz and GE Isom
   Nitrite-Mediated Antagonism of Cyanide Inhibition of Cytochrome C Oxidase.

NTSS Best Abstract Awards

Grand Prize Winner

Sarah E. Owens (Vanderbilt University)
   Co-authors: ML Summar, KK Ryckman, JL Haines and M Aschner
   Genetic variants in four metal-regulatory genes in autism.

Other Award Winners:

Anand Giddabasappa (University of Houston)
   Co-authors: W Xiao, B Xu, S Mukherjee, S Chaney, R Hamilton, A Swaroop and DA Fox
   The sequential upregulation of cell cycle genes and MASH1 increases the proliferation and differentiation of late-born retinal progenitor cells (RPC) in gestationally lead-exposed (GLE) mice.

Leigh Leasure (University of Houston)
   Co-authors: A Giddabasappa, S Chaney, JE Johnson, K Pothakos, YS Lau and DA Fox
   Low-level human equivalent gestational lead exposure produced gender-specific motor and coordination abnormalities and late-onset obesity in year-old mice.

Donna Lee (Buck Institute)
   Co-authors: R Subramanian and JK Andersen
   Prolyl hydroxylase inhibition protects against MPP+ toxicity in vitro.

Tonya N. Taylor (Emory University)
   Co-authors: WM Caudle, MZ Wang, JR Schank, HA Mitchell, D Weinshenker and GW Miller
   Contribution of locus coeruleus degeneration to the Parkinsonian symptoms in VMAT2-deficient mice.