

2019 SE Regional IDeA Conference

Poster Session I - Thursday 4:00 pm - 6:00 pm
Cochran Ballroom

Poster #	Session	Name (Last)	Name (First)	Poster/Abstract Title	Poster/Abstract Category	Co-Authors	Academic Institution
37	I	Ampfer	Joseph	Synthesis and PGE2 inhibitory activity of novel diarylheptanoids	General Biomedical Science	Amber Onorato, Richard McLane, Maxwell Boyle, Michael Tranter, Sarah Anthony	Northern Kentucky University
83	I	Anderson	Sydni	Nervous system gene expression in zebrafish after exposure to neuropsychiatric and illicit drugs	Neurobiology and Neuroscience		Murray State University
78	I	Andreeva	Kalina	Evaluation of circular RNAs in the ischemia-reperfusion injured neuronal retina	Neurobiology and Neuroscience		University of Louisville
94	I	Annett	Robert	Care for infants with Neonatal Opioid Withdrawal Syndrome (NOWS) in Mississippi: A retrospective study	Nutrition, Neonatal and Pediatric Research	Lacy Malloch	University of Mississippi Medical Center
38	I	Arkov	Alexey	The assembly of germ granules in Drosophila	General Biomedical Science	Hieu Vo, Wahiduzzaman, Samuel Tindell, Margaret Hagen, Jimiao Zheng, Ming Gao, Eric Rouchka	Murray State University
70	I	Ashpole	Nicole	Age- and dose-specific effects of cannabinoids in mice	Neurobiology and Neuroscience	Erik Hodges	University of Mississippi School of Pharmacy
33	I	Askren	Anna	Optimizing the Heterologous Protein Expression of Shikimate Kinase for in vitro Reconstitution of the Shikimate Pathway	General Biomedical Science	Catherine Shelton	Northern Kentucky University
43	I	Ayoola	Moses	Agmatine is Critical for Capsule Biosynthesis in Streptococcus pneumoniae	Genetics, Genomics, Metabolomics, and Proteomics	Leslie Shack, Edwin Swiatlo, Hyungjin Eoh, Juhyeon Lim, Bindu Nanduri	Mississippi State University

7	I	Baker	Adam	Localized Mechanical Stiffness of Myocardial Infarct	Bioengineering, Biotechnology and Nanotechnology	Zhi Gao, Thomas Borg	Clemson University
62	I	Bastuzel	Irem	Metabolic adaptation during infection in the intestinal parasite <i>Entamoeba histolytica</i> : roles of phosphofructokinase	Genetics, Genomics, Metabolomics, and Proteomics	Cheryl Ingram-Smith	Clemson University
55	I	Bertram	Grace	Identifying JAK-regulated genes that mediate spermatid individualization in <i>Drosophila melanogaster</i>	Genetics, Genomics, Metabolomics, and Proteomics	Michael Frost, Douglas Harrison	Centre College
8	I	Cecil	Wendy	Novel application of 2D-nanosheet and DNA-binding proteins for detecting antibiotic resistant genes	Bioengineering, Biotechnology and Nanotechnology	Dat Think Ha, Moon-Soo Kim	Western Kentucky University
58	I	Cho	Jin	Investigating the role of Phosphofructokinase in <i>Entamoeba histolytica</i> 's metabolism through biochemical and kinetic characterizations	Genetics, Genomics, Metabolomics, and Proteomics	Cheryl Ingram-Smith	Clemson University
84	I	Clements	Rachel	Neurotrophin-independent p75NTR Processing is Facilitated by c-Jun N-terminal Kinase in Dopaminergic Cells Subjected to Oxidative Stress	Neurobiology and Neuroscience	Cassandra Escobedo, Kendall Nelson, Carter Waugh, Andrew Elliott, Montana Schemanski, Bradley Kraemer	Eastern Kentucky University
47	I	Cook	Deborah	Detecting Interactions between SOS response proteins UmuDAb and DdrR in a Bacterial Two-Hybrid System	Genetics, Genomics, Metabolomics, and Proteomics	Jordan Carrington, Janelle Hare	Morehead State University
104	I	Crosby	Claire	Sex and Diet Impact Glucose Uptake in Mice: A Focus on Adipose Tissue	Nutrition, Neonatal and Pediatric Research	Joshua Preston, Bisoye Towobola-Adedeji, Sara Ngo Tenlep, Leryn Reynolds, Fallon Slone, Stevi Howard, Meredith Johnson, Logan DeHoff, Kevin Pearson	University of Kentucky
19	I	Daneshmand	Jonah	Exploration of RNA-seq analysis pipelines	Bioinformatics and Data Science	Julia Chariker, Eric Rouchka	University of Louisville
24	I	Das	Samarendra	Statistical Approach for Gene Set Analysis with Trait Specific Quantitative Trait Loci	Bioinformatics and Data Science	Shesh Rai	University of Louisville
95	I	Davis	Deborah	Differences in prevalence rates of ADHD diagnosis and treatment for	Nutrition, Neonatal and Pediatric Research	Kahir Jawad, Yana Feygin, Liza Creel, David	University of Louisville

				youth living in counties with and without child and adolescent psychiatrists		Lohr, Jennifer Le, Faye Jones, Gail Williams, Natalie Pasquenza	
21	I	de Silva	Kalpani	Investigating ancient introgression between Caballine and Non-caballine equids	Bioinformatics and Data Science	E. Bailey, T.S. Kalbflisch	University of Louisville
17	I	Denvir	James	DESeq Explorer: a web-based dissemination tool for results of differential gene expression experiments	Bioinformatics and Data Science	Don Primerano, Alejandro Nato	Marshall University
60	I	Donahue	Kelsey	Iroquois genes may play an important role in pharyngeal development	Genetics, Genomics, Metabolomics, and Proteomics	Maria Stewart, Emily Shifley	Northern Kentucky University
100	I	Duchette	Cathryn	Obesity and physical activity during pregnancy have implications for neonatal growth and inflammation	Nutrition, Neonatal and Pediatric Research	Rachel Tinius, Maire Blankenship, Todd Cade, Jill Maples	Western Kentucky University,
73	I	Dunn	Krista	Conserved cerebellar gene expression of Cabin1	Neurobiology and Neuroscience	Darren Paris, Lucas Steele, Dena Weinberger	Murray State University
105	I	Edet	Precious Patrick	The Impact of Self-Efficacy for Diet on Fruits and Vegetables Intake Among Young Adults in Mississippi	Nutrition, Neonatal and Pediatric Research	Xavier Sam, Jennifer Lemacks, Tammy Greer, Sermin Aras	Mississippi INBRE Telenutrition Center, The University of Southern Mississippi
45	I	Evans	Andre	CHARGE Syndrome	Genetics, Genomics, Metabolomics, and Proteomics		Centre College
74	I	Evans	Karson	Contribution of the Glutamatergic System to Risky Choice as Assessed in the Risky Decision Task	Neurobiology and Neuroscience	Joy Kappesser, Alexis Ellis, Tanner Sutphin, Justin Yates	Northern Kentucky University
99	I	Feygin	Yana	Identifying Autism Spectrum Disorder in Administrative Data: A Comparison of Three Methods	Nutrition, Neonatal and Pediatric Research	Kahir Jawad, David Lohr, Gayle Williams, Xiaofang Yan, Deborah W Davis, Liza Creel	University of Louisville
9	I	Fratus	Reece	Optical Coherence Tomography for Classifying the Blood Flow Patterns in Arterial Grafts	Bioengineering, Biotechnology and Nanotechnology	Siyu Ma, Bruce Gao	Clemson University
97	I	Freeman	Tatum	Factors that Influence Interest in Nutrition Counseling in a Sample of Mississippi Adults	Nutrition, Neonatal and Pediatric Research	Aubrey Nickey, Jennifer Lemacks, Tammy Greer, Sermin Aras	Mississippi INBRE Telenutrition Center, The University of

							Southern Mississippi
57	I	Fulghum	Kyle	In vivo stable isotope metabolomics reveals increases in cardiac glucose utilization following acute exercise	Genetics, Genomics, Metabolomics, and Proteomics	Pawel Lorkiewicz, Benjamin Rood, Liliana Vargas, Lindsey McNally, Xiang Zhang, Steven Jones, Bradford Hill	University of Louisville
59	I	Funk	Holly	Investigation to identify the enzyme responsible for the post-transcriptional acp ³ U modification of tRNA in higher eukaryotes	Genetics, Genomics, Metabolomics, and Proteomics	Jamison Burchett, Regan Bales, Justin Mamaril, Michael Guy	Northern Kentucky University
102	I	Gamble	Abigail	Recruiting pregnant adolescents in an intervention study: perspectives of WIC providers using qualitative interviews	Nutrition, Neonatal and Pediatric Research		University of Mississippi Medical Center
27	I	Gibbs	Kennedy	Analysis of Organic metabolites for non-invasive diagnostic methods	General Biomedical Science		Spalding University
80	I	Gordon	Thomas	GABAergic synaptic connections within the visual sector of the mouse thalamic reticular nucleus: extrinsic projections from the pretectum	Neurobiology and Neuroscience	James Whitley, Peter Campbell, Kyle Whyland, Sean Masterson, Na Zhou, Martha Bickford	University of Louisville
30	I	Gores	Simon	Efficient Expression of Shikimate Dehydrogenase for Reconstitution of the Shikimate Pathway in vitro	General Biomedical Science	Catherine Shelton	Northern Kentucky University
52	I	Guy	Michael	Identification of residues required for binding of the tRNA methyltransferase Trm7 with Trm732 and Trm734 in yeast	Genetics, Genomics, Metabolomics, and Proteomics	Holly Funk, Adrian Guy, Ross Skeens	Northern Kentucky University
16	I	Hacisoftaoglu	Recep Emre	Deep Learning for Diabetic Retinopathy Detection with Smartphone-based Retinal Images using iNview Device	Bioinformatics and Data Science	Mahmut Karakaya, Ahmed Sallam	University of Central Arkansas
64	I	Hare	Janelle	RNA-Seq reveals co-regulatory actions of DdrR and UmuDAb in Acinetobacter baumannii	Genetics, Genomics, Metabolomics, and Proteomics		Morehead State University
67	I	Haynes	Brianna	The Beginning of the Ends: Circularizing Linear Chromosomes in Saccharomyces cerevisiae	Genetics, Genomics, Metabolomics, and Proteomics		Morehead State University
101	I	Henry	Samantha	Patient and provider communication regarding exercise during pregnancy in a rural setting	Nutrition, Neonatal and Pediatric Research	Maire Blankenship, Kim Link, Rachel Tinius	Western Kentucky University

54	I	Hensley	Ramey	Identification of Trm734 residues required for 2'-O-methylation of tRNA residue 34 in yeast	Genetics, Genomics, Metabolomics, and Proteomics	Holly Funk, Hannah Sizemore, Michaela Vogel, Michael Guy	Northern Kentucky University
65	I	Hoffert	Kellyn	Single-Gene Deletions Contributing to Loss of Heterozygosity in <i>Saccharomyces cerevisiae</i>	Genetics, Genomics, Metabolomics, and Proteomics	Erin Strome	Northern Kentucky University
35	I	Holbrook	Joseph	Spiny mice cells exhibit resistance to cellular senescence during regeneration compared to <i>Mus scarring</i>	General Biomedical Science	Sandeep Saxena, Ashley Seifert	University of Kentucky
41	I	Hong	Kyung	Transcriptional regulation of human arylamine N-acetyltransferase 2 (NAT2) as a novel factor in development of insulin resistance	General Biomedical Science	Mark Doll, David Hein	University of Louisville
50	I	Hughes	Krystal	Genomic Variance of Pharmacodynamic Targets of Buprenorphine in Patients from the WVU Medicine Comprehensive Opioid Treatment Clinic (COAT)	Genetics, Genomics, Metabolomics, and Proteomics	Phillip Purnell, Megan Russell, Vincent Setola, Laura Lander, James Berry, David Siderovski, Marina Galvez Peralta	West Virginia University
20	I	Hwang	Jae Yeon	Gene Expression Profiling in Cochlea	Bioinformatics and Data Science	Heiyeun Koo, Jinwoong Bok, Juw Won Park	University of Louisville
32	I	Johnson	Josiah	Investigation of PEP-19's conformational ensemble and its impact on calmodulin signaling	General Biomedical Science	Tori Dunlap	University of Central Arkansas
26	I	Kakraba	Samuel	Using Quantitative Structure-Activity Relationship Approach for Identifying Novel Drugs for Treatment of Neurodegenerative Diseases	Bioinformatics and Data Science	Narsimha Penthala, Peter Crooks, Cesar Compadre, Robert Reis, Srinivas Ayyadevara, Nirjal Mainali	University of Arkansas for Medical Sciences
49	I	Karaduta	Oleg	Evaluation of Resistant Starch action on microbiome in 5/6 nephrectomy model of Chronic Kidney Disease	Genetics, Genomics, Metabolomics, and Proteomics	Zeljko Dvanscjak, Galina Glazko, John Arthur, Samuel Mackintosh, Lisa Orr, Boris Zybaylov	University of Arkansas for Medical Sciences
40	I	Kennedy	Lauren	The thiol specific antioxidant (TSA1) gene is required for full protection from oxidative attack in the pathogenic fungus <i>Histoplasma capsulatum</i>	General Biomedical Science		University of Southern Mississippi
69	I	Kennedy	Michael	A Neuroinflammatory Model's Effects on Rats Throughout Adulthood	Neurobiology and Neuroscience	Lauren Williamson	Northern Kentucky University

56	I	Kenwright	Kailee	Identifying Pathways Impacted by SAM Mutations in <i>S. cerevisiae</i> Through Gene Expression and Phenotypic Analyses	Genetics, Genomics, Metabolomics, and Proteomics	Amila Coric, Kellyn Hoffert, Erin Strome	Northern Kentucky University
46	I	Kim	Ha-Neui	Deletion of the mitochondrial deacetylase Sirt3 prevents age-related bone loss in mice	Genetics, Genomics, Metabolomics, and Proteomics	Kimberly Krager, Aaron Warren, Nukhet Aykin-Burns, Maria Almeida	University of Arkansas for Medical Sciences
25	I	Kolbmann	Christina	Time-homogeneous divergence time estimation using fossilized birth-death models in Formicidae	Bioinformatics and Data Science	April Wright	Louisiana Biomedical Research Network
18	I	Kook	Tae Lim	Differentially spliced genes and differentially expressed genes	Bioinformatics and Data Science	Juw Won Park	University of Louisville
2	I	Lee	Jeoung Soo	Blood compatibility and biodistribution of various Pgp/nucleic acid polyplex nanoparticles in vivo	Bioengineering, Biotechnology and Nanotechnology	Jeoung Soo Lee	Clemson University
10	I	Lee	Jeoung Soo	RhoA knockdown by Pgp/siRhoA nanopolyplex enhances traumatic brain injury repair	Bioengineering, Biotechnology and Nanotechnology		Clemson University
86	I	Lee	Jeoung Soo	Rolipram and RhoA siRNA combinatorial by Pgp Nanoparticle Increases Functional Recovery in a Rat Contusion Spinal Cord Injury Model	Neurobiology and Neuroscience		Clemson University
42	I	Li	Xiaohong	A Comparison of Normalization and Statistical Tests for Differential Gene Expression Analysis in RNA-seq Studies	Genetics, Genomics, Metabolomics, and Proteomics	Nigel Cooper, Timothy O'Toole, Eric Rouchka	University of Louisville
93	I	Lickenbrock	Diane	Associations between parenting, infant temperament, and infant regulation with mothers and fathers	Nutrition, Neonatal and Pediatric Research	Mary Richter, Ashley Quigley	Western Kentucky University
34	I	Lin	Qiqi	Persistent DNA damage-induced NLRP12 improves hematopoietic stem cell function in mouse and human models of DNA repair deficiency and aging	General Biomedical Science	Zhilin Ma, Limei Wu, Fabliha Ahmed Chowdhury, Habibul Hasan Mazumder, Wei Du	West Virginia University
51	I	Ma	Zhilin	Hes1 is indispensable for fetal hematopoiesis	Genetics, Genomics, Metabolomics, and Proteomics	Wei Du	West Virginia University

66	I	Mefford	Melissa	Telomere and telomerase evolution in <i>Saccharomyces cerevisiae</i>	Genetics, Genomics, Metabolomics, and Proteomics	Ethan Chandler, Brianna Haynes, Nadia Richardson, Brice Smith, Abigail Whaley	Morehead State University
96	I	Méndez	Loyda	Effects of Traffic-Related Pollutants in Respiratory And Cognitive Function of Puerto Rican Children	Nutrition, Neonatal and Pediatric Research	Nilda Medina	Universidad Ana G. Méndez, Carolina campus
90	I	Mills	Desiree-Gift	The Role of Matrix Metalloproteinases In The Metabolism Of ATXN1 Protein Aggregates	Neurobiology and Neuroscience	Scoty Hearst, Kennadi Johnson, Natraj Krishman, Cendonía Thompson	Tougaloo College
29	I	Moore	Ryan	Efficient Expression of Chorismate Synthase for in vitro Reconstitution of the Shikimate Pathway	General Biomedical Science	Catherine Shelton	Northern Kentucky University
71	I	Mustafa	Hafiz Ata Ul	Binge drinking leads to temporal variations in rat hippocampal gene expression	Neurobiology and Neuroscience	Riya Patel, James Denvir, Hannah Sexton, Scott Moore, Donald Primerano, Mary-Louise Risher, Alejandro Nato Jr.	Marshall University
98	I	Nash	Victoria	How we know factive verbs are islands for movement: experimental evidence	Nutrition, Neonatal and Pediatric Research	David Potter, Katy Carlson	Morehead State University
15	I	Neupane	Aryan	Clustering of families of G-quadruplex sequences	Bioinformatics and Data Science	Eric Rouchka	University of Louisville
5	I	North	Henry	Drug Discovery of Novel GABAA Modulators to treat Epilepsy	Bioengineering, Biotechnology and Nanotechnology	Tuwanda Simmons, G. Kwame Yeboah	Harding University
22	I	Parés-Matos	Elsie	Modelling and molecular docking studies of the cytoplasmic domain of Wsc-family, full-length Ras2p, and therapeutic antifungal compounds	Bioinformatics and Data Science		University of Puerto - Mayaguez
75	I	Patel	Riya	Differentially expressed genes after adolescent intermittent ethanol exposure	Neurobiology and Neuroscience	Hafiz Ata Ul Mustafa, James Denvir, Hannah Sexton, Scott Moore, Donald Primerano, Alejandro Nato Jr., Mary-Louise Risher	Marshall University

13	I	Ponton-Almodovar	Adriana	Viability and Oxidative Stress Response of HEP-G2 after Exposure to CdSTe QDs	Bioengineering, Biotechnology and Nanotechnology	Luis Alamo-Nole	Pontifical Catholic University of Puerto Rico
6	I	Porter	Ryan	Hypoxic challenge and chondrogenic differentiation of human MSC spheroids influence their small extracellular vesicles	Bioengineering, Biotechnology and Nanotechnology	Elisabeth Ferreira, Landon Gatrell	University of Arkansas for Medical Sciences
11	I	Price	Blake	Sequential and/or Intermittent Release of Multiple Drugs from Bioerodible Drug Delivery Films	Bioengineering, Biotechnology and Nanotechnology	Tristan Daly, Thomas Werfel	University of Mississippi
81	I	Quiñones-Rodriguez	Jailenne	Glyoxal, a potent substitute for paraformaldehyde/glutaraldehyde fixation in modern electron microscopy	Neurobiology and Neuroscience	Thomas Schikorski	Universidad Central del Caribe
44	I	Ranjbar	Aref	Characterization of a basement membrane associated protein in endomembrane system of <i>Drosophila melanogaster</i>	Genetics, Genomics, Metabolomics, and Proteomics		Western Kentucky University
3	I	Reed	Elizabeth	Bulk Synthesis of Monodispersed Nanoellipsoids	Bioengineering, Biotechnology and Nanotechnology	Javen Weston	Tulsa University
72	I	Rivera	Vitmary	Characterization of Neurotransmitters in <i>Drosophila Melanogaster</i> Larvae using Electrochemical Techniques	Neurobiology and Neuroscience		Universidad Ana G Méndez, Gurabo campus
48	I	Rood	Benjamin	Exposure to air pollution is associated with an altered metabolic state in mouse plasma	Genetics, Genomics, Metabolomics, and Proteomics	Jason Clark, Petra Haberzettl, Bradford Hill	University of Louisville
23	I	Sayed	Mohammed	Prediction of biological processes indirectly-targeted by human microRNAs	Bioinformatics and Data Science	Juw Won Park	University of Louisville
61	I	Schneider	Kathryn	Master Instability Strain Creation to Determine Loss of Heterozygosity Mechanisms in <i>S. cerevisiae</i> SAM Mutants	Genetics, Genomics, Metabolomics, and Proteomics	Maura Bennett, Kellyn Hoffert, Erin Strome	Northern Kentucky University
79	I	Shelton	Dylan	Evidence for the Noradrenergic Hypothesis of Transcutaneous Vagus Nerve Stimulation	Neurobiology and Neuroscience	Rodney Roosevelt	Arkansas Tech University

12	I	Siddicky	Safeer	The biomechanics of infants treated for developmental dysplasia of the hip with the Pavlik harness	Bioengineering, Biotechnology and Nanotechnology	Brien Rabenhorst, Junsig Wang, Elizabeth Aronson, Anna McCoy, Emma Casper, Samantha Mohler, Erin Mannen	University of Arkansas for Medical Sciences
77	I	Sierra-Mercado	Demetrio	Effects of closed head injury on avoidance behavior in rats	Neurobiology and Neuroscience	Osmarie MartínezGuzmán, Mauricio Cáceres-Chacón, Melissa Rivera-López, Raúl Ramos-Sánchez, David Ojeda-Martínez, Héctor Haddock-Martínez, Paola Alvelo-Fernández, Carlos ReyesSepúlveda	Univeristy of Puerto Rico Medical Sciences Campus
53	I	Sizemore	Hannah	Identification of residues required for Trm732 tRNA modification activity	Genetics, Genomics, Metabolomics, and Proteomics		Northern Kentucky University
89	I	Sobocinski	Ashley	The role of BMAL1 on spinal cord contusion	Neurobiology and Neuroscience		University of the Cumberlands
91	I	Soto-Hernández	Joaris	Zika Virus infection and its effect on the CREB3L1 pathway	Neurobiology and Neuroscience	Pablo López, Yashira García, Eileen Pabón-Cruz, Vanessa Rivera-Amill	Ponce Research Institute - Ponce Health Sciences University
88	I	Steffen	Sara	The effects of chronic antipsychotic administration on dendritic spines in the rat parietal cortex	Neurobiology and Neuroscience	Alyssa Schenk, Tyler Downnen, Mark Bardgett	Northern Kentucky University
82	I	Subedi	Bikram	Near real-time Determination of the Prevalence of Substance Use	Neurobiology and Neuroscience		Murray State University
63	I	Sullivan	Tyler	Phenotypic Effects of ptp4a Gene Knockout in Danio rerio via CRISPR-Cas9	Genetics, Genomics, Metabolomics, and Proteomics		Morehead State University
92	I	Trace	Marie	ADHD Practice Patterns: A Survey of Kentucky Pediatric Providers	Nutrition, Neonatal and Pediatric Research		University of Louisville
28	I	Tran	Minh	Detection of Reactive Oxygen Species in Chick Eyes During Recovery from Induced Myopia	General Biomedical Science	Jody Rade	Morehead State University

39	I	Voshage	Aaron	The role of Siah E3 ubiquitin ligase during retinal development in zebrafish	General Biomedical Science		University of Kentucky
36	I	Walters	James	Studying mitochondrial gluconeogenesis and biogenesis genes during lipid droplet formation in larval zebrafish enterocytes	General Biomedical Science	Heather Price, Elizabeth Walters, Syed Ali, Dakota Parnell, Jesse Orell	Bluefield State College
4	I	Wang	Junsig	Can the complexity of supine lying center of pressure detect developmental disorders in young infants?	Bioengineering, Biotechnology and Nanotechnology	Safeer Siddicky, Tara Johnson, Namarta Kapil, Bittu Majmudar, Erin Mannen	University of Arkansas for Medical Sciences
31	I	Warning	Angela	Identification and optimization of novel small molecule inhibitors of mPGES-1	General Biomedical Science	Amber Onorato, Bryce Dye, Taylor Gerrein, William Seibel, Michael Tranter	Northern Kentucky University
103	I	Weiler	Brian	Screening the Language Skills of Kindergarten Children	Nutrition, Neonatal and Pediatric Research		Western Kentucky University
76	I	Wheeler	Nicholas	Effects of alpha and beta-adrenergic receptor blockade upon inflammatory responses to sleep fragmentation	Neurobiology and Neuroscience	Noah Ashley	Western Kentucky University
85	I	Whitley	James	Role of the parabigeminal nucleus in the selection of visually-evoked defensive behaviors in mice	Neurobiology and Neuroscience	Bart Borghuis, Kyle Whyland, Martha Bickford	University of Louisville
87	I	Whyland	Kyle	Superior Colliculus and Parabigeminal Nucleus Synaptic Connections in the Mouse	Neurobiology and Neuroscience	Ark Slusarczyk, Na Zhou, Guela Sokhadze, Govin Govindaiha, Martha Bickford	University of Louisville
68	I	Wilke	Elizabeth	The FGF signaling pathway is important for Xenopus pharyngeal development	Genetics, Genomics, Metabolomics, and Proteomics	Emily Shifley	Northern Kentucky University
1	I	Zhang	Huang-ge	A grapefruit-derived nano vector enables multi-modal strategies to deliver therapeutic agents	Bioengineering, Biotechnology and Nanotechnology	Qilong Wang, Xiaoying Zhuang, Jingyao Mu, Zhong-Bin Deng, Hong Jiang, Xiaoyu Xiang, Baomei Wang, Jun Yan, Donald Miller	University of Louisville
14	I	Zhang	Xu	Bayesian Kinetic Modeling for Tracer-Based Metabolomic Data	Bioinformatics and Data Science	Ya Su, Andrew Lane, Arnold Stromberg, Teresa Fan, Chi Wang	University of Kentucky

POSTER SESSION DETAILS

- **Pushpins will be provided for poster hanging. Just bring your poster!**
- **Posters must be the standard poster size of 48"(w) x 36"(h)**
- **Poster set up for SESSION I is available on Wednesday, November 6th from 3:00 PM – 11:00 PM and Thursday, November 7th from 7:00 AM – 9:00 AM in the Cochran Ballroom**
- **Posters for Session I MUST be removed by 8:00 PM on Thursday Evening**