

SCHOOL	Talk/Poster	Talk / Poster number	Title	Authors
Thursday 4/4/24				
University of Missouri-Columbia	Talk 8:30am	Emerging Topics: Endothelial Cell and Immune Cell Interactions	Role of neuraminidase in promoting the shedding of endothelial mechanosensing structures in type 2 diabetes	Larissa Ferreira-Santos
University of Missouri-Columbia	Talk	1:07-1:29 pm	Mechanisms of endothelial insulin resistance in T2D and therapeutic targets for intervention	Jaume Padilla
University of Missouri-Columbia	Talk 2 - 4 pm	DATA NCARNation	Role of PKCδ in Acute HFD-induced Increased Tonic GABA Current in Cardiac-projecting DMV Neurons	Yoko B. Wang
Friday 4/5/24				
University of Missouri-Columbia	Talk	12:55-1:05 pm	Impact of Peripheral Versus Central Insulin on Cerebrovascular Compliance in Healthy Young Adults	Brian Shariffi
Saint Louis University	Poster	P0710	A potential role for GPR107 in the development of hypoglycemia unawareness	Lisa Hagen, Joshua Stafford, Willis K. Samson, Grant Kolar, Gina L.C. Yosten
Saint Louis University	Poster	P0696	Characterizing adrenal insufficiency in a rat model of Prader-Willi Syndrome: Insights into Hypothalamic-Pituitary-Adrenal axis dysregulation	Colleen Bocke, Willis K. Samson, Gina L.C. Yosten
Saint Louis University	Poster	P0709	Understanding molecular differences in endocrine and exocrine pancreatic tissue in healthy and unhealthy metabolic states	Megan Pater, Willis K. Samson, Grant Koler, Gina L.C. Yosten
Saint Louis University	Poster	P0087	Comparative anoxia responses of hatchling and juvenile western painted turtles	Nelson Membreno, Daniel Warren
University of Missouri-Columbia	Poster	P0266	Impact of Peripheral Versus Central Insulin on Cerebrovascular Compliance in Healthy Young Adults	Brian Shariffi, Leena Shoemaker, Aubrey Pipkins, Neil McMillan, Dain Jacob, Anna Gonsalves, Jennifer Harper, Camilla Manrique-Acevedo, Jaume Padilla, Jaqueline Limberg
University of Missouri-Columbia	Poster	P0265	Muscle Sympathetic Action Potential Firing Patterns Following Intranasal Insulin Administration in Healthy Adults	Neil McMillan, Dain Jacob, Brian Shariffi, Jennifer Harper, Anna Gonsalves, Glen Foster, Camilla Manrique-Acevedo, Jaume Padilla, Jaqueline Limberg
University of Missouri-Columbia	Poster	P0270	Role for the carotid chemoreceptors in glucose tolerance in human T2D	Aubrey Pipkins, Eric Lis, Elizabeth Ott, Jennifer Harper, Camilla Manrique-Acevedo, Jaqueline Limberg
University of Missouri-Columbia	Poster	P0303	Chronic intermittent hypoxia (CIH) enhances nTS sensitivity to oxytocin (OT) and corticotropin-releasing hormone (CRH) via effects at the nTS soma and presynaptic release	Procopio Gama de Barcellos Filho, Heather A Dantzer, Eileen M Hasser, David D Kline
University of Missouri-Columbia	Poster	P0304	Chronic vagotomy blunts cardiorespiratory reflex responses through pre- and postsynaptic effects in the brainstem nucleus tractus solitarii (nTS)	Gabrielle C Hofmann, Procopio Gama de Barcellos Filho, Fateme Khodadadi, Daniela Ostrowski, David D Kline, Eileen M Hasser
University of Missouri-Columbia	Poster	P0302	N-methyl-d-aspartate receptor (NMDAR) activity in the nucleus tractus solitarii (nTS) is required for the full expression of phrenic long-term facilitation after acute intermittent hypoxia	Fateme Khodadadi, David D Kline, Eileen M Hasser
University of Missouri-Columbia	Poster	P0789	Orexin 1 receptor in the paraventricular nucleus of the Hypothalamus (PVN) facilitate the peripheral chemoreflex	Ruwaida Ben Musa, De-Pei Li, David D Kline, Einleem M Hasser, Kevin Cummings
University of Missouri-Columbia	Poster	P0841	Tongue exercise-induced plasticity in upper airway EMG activity in a model of hypoglossal motor neuron loss	Amy Keilholz, Kate Osman, Catherine Smith, Kristi Streeter, Ilker Ozden, Teresa Lever, Nicole Nichols
Saturday 4/6/24				
Saint Louis University	Workshop	8:30-10AM	"Harnessing the power of spatial omics: innovative approaches and insights into cell function"	Gina Yosten
A. T. Still University	Poster	P0399	Functional Impact of nTS Glutamate Stress on Respiration in an Alzheimer's Disease Model	Sarah Carter, Robert Tipton, Cassadi Forman, Adison Mosher, Daniela Ostrowski, Tim Ostrowski
A. T. Still University	Poster	P0953	Synaptic Profile and Oxidative Stress Associated with Amyloid-β in the Hippocampus	Jax Ramsey, Thomas Schodl, Katelyn Chimienti, Byunghee Han, Daniela Ostrowski, Tim Ostrowski
A. T. Still University	Poster	P0934	Cell viability and chemotherapeutic resistance across melanoma lines from various stages of progression	Madison Reed, Erin Hyde, Robert Baer
Saint Louis University	Poster	P0108	Unraveling the mechanism behind the ketogenic diet-mediated reversal of heart failure in mice	Zachary Foulks, Kelly Pyles, Carla Weinheimer, Atilla Kovacs, Kyle McCommis
Saint Louis University	Poster	P0686	Exploring the potential for branched chain keto-acids to inhibit the mitochondrial pyruvate carrier	Thiago Menezes, Rachel Weiss, Daniel Ferguson, Kevin Cho, Jessica Michael, Kelly Pyles, Gary Patti, Brian Finck, Kyle McCommis
Saint Louis University	Talk		Is the serpin-enzyme complex receptor an orphan G-protein coupled receptor?	Ammar Mahmood, Loka Cortner, Nastaran Rahimi, Willis Samson, Gina Yosten
Saint Louis University	Poster	P0481	The anorexigenic peptide, nesfatin-1, dampens the B cell response to receptor mediated stimulation	Tara Steffen, Joshua Stafford, Willis Samson, Gina Yosten
Saint Louis University	Poster	P0682	Investigating the role of CART/GPR160 signaling in stress-induced anorexia	Niloufarsadat Mirian, Joshua Stafford, Willis Samson, Gina Yosten
University of Missouri-Columbia	Poster	P0589	Effect of endothelin-1 on resting BP and the BP response to hypoxia in healthy young men	Anna Gonsalves, Sarah Baker, Dain Jacob, Jennifer Harper, Camilla Manrique-Acevedo, Jaqueline Limberg
University of Missouri-Columbia	Poster	P0590	Beta adrenergic receptor blockade augments sympathetically mediated vasoconstriction during hypoxia in healthy young adults	Dain Jacob, Brian Shariffi, Braden Bond, Natasha Boyes, Jennifer Harper, Brian Bostick, Jaqueline Limberg
University of Missouri-Columbia	Poster	P0176	Role of neuraminidase in promoting the shedding of endothelial mechanosensing structures in type 2 diabetes	Larissa Ferreira-Santos, Gavin Power, Francisco I. Ramirez-Perez, Christopher A. Foote, Marc A. Augenreich, Neil J. McMillan, Camila Manrique-Acevedo, Luis A. Martinez-Lemus, and Jaume Padilla
University of Missouri-Columbia	Poster	P0333	Role of PKCδ in Acute HFD-induced Increased Tonic GABA Current in Cardiac-projecting DMV Neurons	Yoko B. Wang, Victor Chen, Carie R. Boychuk
Washington University	click here for poster/talk information			