AGENDA SCTR Translational Research Day

Friday, March 19, 2021 9:00 AM to 12:00 PM ZOOM

9:00AM to 9:05AM Welcome & Opening Remarks

Michael Watson, SCTR, Special Projects Coordinator

Perry Halushka, M.D., Ph.D., Distinguished University Professor, Department of Cell and Molecular Pharmacology and Experimental Therapeutics; Dean Emeritus, College of Graduate Studies, MUSC

9:05AM to 10:00AM Keynote Address

"From Here to There and Back Again: The Story of Glutamate Transporters in Treating Addiction"

Peter Kalivas, Ph.D., Distinguished University Professor of Neuroscience, MUSC Kevin Gray, M.D., Professor of Psychiatry and Behavioral Sciences, Assistant Provost for Research Advancement, MUSC and Co-PI, SCTR Institute

10:00AM to 10:10AM Break & Breakout Rooms will OPEN

10:10AM to 11:30AM Poster Presentations and Judging

- There will be five breakout rooms LIVE during this time span: Pre-Doctoral #1, Pre-Doctoral #2, Post-Doctoral, Faculty, and Research Support Professionals.
- You may view the LIVE breakout rooms by clicking on the 'Breakout Rooms' icon.



· Click the 'Join' hyperlink to proceed into the breakout room.

Join

You may leave the breakout room at any time by simply clicking on the 'Leave Room' button.



- Then select 'Leave Breakout Room.' You will return to the MAIN room. From there, you may select another breakout room to join.
- PDF copies of the posters will be available in each breakout room via the 'Chat' box. Simply click on the 'Chat' button and you will be able to click on each poster.

Pre-Doctoral #1 Breakout Room

Five minutes for each presentation with three minutes for Q&A

Pre-Doctoral #1 Breakout Room - Poster Presentations					
Presentation Time Presenter Poster Title Poster Number Institut					
		Effects of Lofexidine on Stress			
10:10AM	Jordan Carter	related Heroin Seeking in Male	1	MUSC	
1		and Female Rodents			

10:20AM	Christine Couch	Aging and Smoking Exacerbates Post-Stroke Complement Driven Neuroinflammation	2	MUSC
10:30AM	Mikayla Johnson	The Effect of Fecal Pollution on the Environment in Charleston, SC	3	MUSC
10:40AM	Joseph Karam	Elucidating the Mechanism of PCBP1 Regulated Transcription at Cancer Gene Promoters	4	MUSC
10:50AM	Cameron Leyers	Altered ERa localization differentially regulates Innate Immune System	5	MUSC
11:00AM	Alexander McQuiston	Complement Driven Auto- Reactive Antibodies in Lung Transplantation	6	MUSC
11:10AM	Alexander Oles	Differentiation Status Confers Resistance to Cellular Stressors in Rhabdomyosarcoma	7	MUSC
11:20AM	Claudia Salazar	Language Lateralization for Individuals with Post-stroke Aphasia comparing fMRI and EEG	8	MUSC
11:30AM	Jenna Sullivan	Identification and Characterization of Novel Spermine Oxidase Inhibitors	9	MUSC

Pre-Doctoral #2 Breakout Room

Five minutes for each presentation with three minutes for Q&A

Pre-Doctoral #2 Breakout Room - Poster Presentations					
Presentation Time	Presenter	Poster Title	Poster Number	Institution	
10:10AM	Rose Marie Akiki	Long Non-coding Enhancer RNA Regulates NPAS4 to Control Drug-and Stress-related Behavioral Plasticity	1	MUSC	
10:20AM	Danielle Beaufort	Understanding the Role of JNK In Immuno-Metabolic Phenotype of T Cells	2	South Carolina State University	
10:30AM	John Evans	Evaluating the Role of IFNLR1 Receptor Dynamics and Plasticity in Regulating Cellular Response to Interferons	3	MUSC	
10:40AM	Amelia Furbish	Identification of Novel Inhibitors of Spermine Oxidase and Implications for Amelioration of Neuronal Injury	4	MUSC	
10:50AM	Kareem Heslop	Small Molecules Targeting VDAC to Inhibit Cell Proliferation and Revert the Warburg Phenotype	5	MUSC	
11:00AM	Corey Morrow	Economic Evaluation of Vaccination Against SARS-CoV-2: Estimate for Spring 2021 for South Carolina	6	MUSC	
11:10AM	Alyssa Risner	Cadherin Complexes Recruit PIWIL2 to Suppress Transposons and Pro-Tumorigenic Transormation	7	MUSC	
11:20AM	Brandon Sutton	The Reduction of Advanced Glycation End Products (AGEs) in South Carolinian Men	8	South Carolina State University	
11:30AM	Jordan Hopkins	Role of PFC-Prh Reciprocal Connection in Object Recognition Memory	9	MUSC	

Post-Doctoral Breakout Room

Five minutes for each presentation with three minutes for Q&A

Post-Doctoral Breakout Room - Poster Presentations					
Presentation Time	Presenter	Poster Title	Poster Number	Institution	
10:10AM	Adam Fox, M.D.	Practice Setting and The Pulmonologists' Role in Biomarker Testing in Non- Small Cell Lung Cancer	1	MUSC	
10:20AM	Amanda Palmer, Ph.D.	Contingency Management for E-Cigarette Cessation among Adolescents: A Remote Pilot Intervention	2	MUSC	
10:30AM	Krishna Ramajayam, Ph.D.	Influence of Hyperthermia Method on Drug Delivery with Thermosensitive Liposomes	3	MUSC	

Faculty Breakout Room

Five minutes for each presentation with three minutes for Q&A

	Faculty Breakout Room - Poster Presentations					
Presentation Time	Presenter	Poster Title	Poster Number	Institution		
10:10AM	Cristin Adams, D.O., MPH	Feasibility, Acceptability and Utilization of a Smoking Cessation E-Visit for People Experiencing Homelessness	1	MUSC		
10:20AM	Ethan Anderson, Ph.D.	An Inhibitor of the Histone Methyltransferase G9a Reduces both Stress-Potentiated and Dependence-Induced Escalation of Alcohol Drinking	2	MUSC		
10:30AM	Virginia Fonner, Ph.D.	Latent Class Analysis Identifies HIV Clinic Patients At-Risk for Care Disengagement	3	MUSC		
10:40AM	Emily Johnson, Ph.D.	Telehealth Implementation Evaluation: A Framework for Measurement of Barriers and Facilitators	4	MUSC		
10:50AM	Wei Jiang, M.D.	Chronic cannabis smoking-enriched oral pathobiont drives behavioral changes and increases β-amyloid protein production in the brain	5	MUSC		
11:00AM	Xingbao Li, M.D.	Efficacy and Safety of Transcranial Magnetic Stimulation for Smoking Cessation in Cancer Patients: A Preliminary Report	6	MUSC		
11:10AM	Jezabel Rodriguez, Ph.D.	Non-Canonical GLI Signaling Drives Tumor Propagation	7	MUSC		
11:20AM	Sarah Shea, M.D.	Evaluation of Hyaluronic Acid as a Possible Biomarker in Rat Models of Preeclampsia	8	MUSC		

Research Support Professionals Breakout Room

Five minutes for each presentation with three minutes for Q&A

Research Support Professionals Breakout Room - Poster Presentations					
Presentation Time	Presenter	Poster Title	Poster Number	Institution	
10:10AM	Philip Broughton	Chronic LPS Activates CD8+ T- cells Leading to Adverse Post-MI Wound Healing	1	MUSC	
10:20AM	Cori Cummings, M.D.	Current Stimulation in Post-Stroke Aphasia	2	MUSC	
10:30AM	Faraday Davies	Improving Teacher Health and Well-being: Outcomes of the Be Well Care Well Program	3	MUSC	
10:40AM	Jade Tuttle	A Comparison Of Scheduling Outcomes Before And After Launch Of The Centralized Youth Collaborative Research Participant Screening	4	MUSC	

10:50AM	Katrina Rbeiz	Sensitivity of the Memory Binding Test in Preclinical Alzheimer's Disease	5	MUSC
11:00AM	Rebecca Roth	Semantic categorization of naming responses based on pre- articulatory electrical brain activity	6	MUSC

11:40AM Breakout Rooms will <u>CLOSE</u>

Participants will automatically return to the MAIN Room

11:40AM to 11:55AM Break

11:55AM to 12:00PM Award Announcements

Perry Halushka, M.D., Ph.D., Distinguished University Professor, Department of Cell and Molecular Pharmacology and Experimental Therapeutics; Dean Emeritus, College

of Graduate Studies, MUSC

SCTR Translational Research Day Committee

Perry Halushka, M.D., Ph.D. Kevin Gray, M.D. Dayan Ranwala, Ph.D. Tammy Loucks, MPH, DrPH. Michael Watson, M.A.