21st ANNUAL MEETING OF THE LBRN – 2023

Day 1: Friday January 20th, 2023

Registration for All Opens (SVM Lobby) 9:00 AM

LBRN Technology and Core Resources Session (Auditorium)*

*Note: This is a new session that is separate from the main conference. To register for the Tech session, you must opt-in on the regular registration form. Today’s lunch will only be provided for registered attendees of this session.

MCBR Core Technology Session

Yong Lee: Overview of MCB services available through LBRN connections 10:00 AM – 10:15 AM
Gianluca Veggiani: Services through Protein Laboratory 10:15 AM – 10:30 AM
Marilyn A Dietrich: Principles and biomedical applications of flow cytometry 10:30 AM – 10:45 AM
Basel H. Abuaita: Principles and applications of Seahorse 10:45 AM – 11:00 AM

BBCB Core Technology Session

Chris Taylor: Introduction and Overview of BBC Core 11:00 AM – 11:10 AM
Elia Brodsky: Pine Biotech Educational Programs & Analysis Pipeline 11:10 AM – 11:30 AM
Emmanuelle Ruiz: RNA-Seq Analysis & Ingenuity Pathway Analysis (IPA) 11:30 AM – 11:45 AM
Le Yan / Nayong Kim: Computing Infrastructure & Computational Bootcamps 11:45 AM – 12:00 PM
Boxed Lunches and Q&A with MCBR and BBC Cores 12:00 PM – 1:00 PM

Main Conference (Auditorium)

Introduction (Welcome Remarks): Kousoulas/Stanfield/Dean Garden 1:00 PM – 1:10 PM

Keynote: TBD 1:10 PM – 2:00 PM

Full Project: Mary Caldorera-Moore 2:05 PM – 2:30 PM
“Multifunctional Living Stem Cell-Laden Hydrogel Networks for Directed Tissue Regeneration”

Full Project: Jean Christopher Chamcheu 2:35 PM – 3:00 PM
“Development of fisetin as a novel inhibitor co-targeting PI3K/AKT/mTOR/Rac1 and IL-17A for Treating Psoriasis”

Break: Refreshments 3:00 PM – 3:10 PM

Keynote: John Stewart, MD, PhD, Director LSUHSC Cancer Center 3:10 PM – 4:00 PM

Poster Session 1 (Even Numbered Abstracts) 4:00 PM – 5:00 PM
Poster Session 2 (Odd Numbered Abstracts) 5:00 PM – 6:00 PM

Celebratory Dinner (First Floor LSU-SVM) 6:00 PM – 8:00 PM

A Toast to “Celebrating the Impact of LSU A&M NIH:NIGMS IDeA Programs”
Day 2 : Saturday January 21st, 2023

Welcome: LSU Administration/EAC  
8:15 AM – 8:30 AM

Pilot Project: Nektarios Barabutis  
“Protective role of Growth Hormone Releasing Hormone Antagonists in Endothelial Barrier Dysfunction”  
8:31 AM – 8:41 AM

Pilot Project: Anthony Walker  
“Formulation and characterization of pluronic lecithin organogel as an efficient transdermal delivery vehicle of the flavonol fisetin and its potent derivatives”  
8:42 AM – 8:52 AM

Pilot Project: Cory Coehoorn  
“Impact of rapid heat acquisition on neural function, decision-making, stress, and inflammation”  
8:53 AM – 9:03 AM

Pilot Project: Kazim Sekeroglu  
“A Multi-View Spatiotemporal Hierarchical Deep Fusion Learning Model for Decoding Human Brain Activity”  
9:04 AM – 9:14 AM

Translational Project: Santosh D’Mello  
“Preclinical Development of Small Molecule Therapeutics for Alzheimer’s Disease”  
9:15 AM – 9:25 AM

Break: Refreshments  
9:25 AM – 9:30 AM

Full Project: Devaiha Kambiranda  
“Proteasomes / immunoproteasomes: Role of lipid rafts in compartmentalization / activation in e-cigarettes vapor exposed lung epithelial cells”  
9:30 AM – 9:55 AM

Full Project: Vladimir Kolesnichenko  
“Nano particulate magnetic imaging Agents for Cancer Diagnostic”  
10:00 AM – 10:25 AM

Break: Refreshments  
10:25 AM – 10:40 AM

Full Project: Georgios Matthaiolampakis  
“miR-mediated Inhibition of Lung Cancer Progression”  
10:40 AM – 11:05 AM

Full Project: Siva Murru  
“Development of Pyrazoles and Related Heterocyclic Compounds as Anti-Cancer Agents : Design, Synthesis and Anti-cancer Activity Studies”  
11:10 AM – 11:35 AM

Full Project: Kyle Piller  
“Life in the fast lane: Testing for congruence among transcriptomic signatures”  
11:40 AM – 12:05 PM

Break: LUNCH  
12:05 PM – 1:00 PM

FLASH TALKS: Summer Research Graduate Students (6 minutes)  
1:00 PM – 2:00 PM

Full Project: Vonny Salim  
“Elucidation of Plant-Derived Drug Biosynthetic Pathways and Molecular Mechanisms as Anticancer Agents”  
2:05 PM – 2:30 PM

Full Project: Omer Soysal  
“MindPrint: Exploring uniqueness of individuals' brain signals”  
2:35 PM – 3:00 PM

Awards and Closing Remarks  
3:05 PM – 3:20 PM
Day 2 : Saturday January 21st, 2023

Closed Door:

EAC Meet with Steering Committee (LSU-SVM 1212C) 3:25 PM – 4:10 PM

EAC Dinner with Steering Committee (TBD)