



# 21<sup>st</sup> ANNUAL MEETING OF THE LBRN – 2023

**Friday January 20<sup>th</sup>, 2023**

Registration for All Opens (SVM Lobby)

9:00 AM

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## **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
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

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## **Main Conference (Auditorium)**

Introduction (Welcome Remarks): Kousoulas/Stanfield/Dean Garden	1:00 PM – 1:10 PM
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<b>Keynote: TBD</b>	1:10 PM – 2:00 PM
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Full Project: Mary Caldorera-Moore "Multifunctional Living Stem Cell-Laden Hydrogel Networks for Directed Tissue Regeneration"	2:05 PM – 2:30 PM
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Full Project: Jean Christopher Chamcheu "Development of fisetin as a novel inhibitor co-targeting PI3K/AKT/mTOR/Rac1 and IL-17A for Treating Psoriasis"	2:35 PM – 3:00 PM
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Break: Refreshments	3:00 PM – 3:10 PM
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<b>Keynote: John Stewart, MD, PhD, Director LSUHSC Cancer Center</b>	3:10 PM – 4:00 PM
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Poster Session 1 (Even Numbered Abstracts)	4:00 PM – 5:00 PM
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Poster Session 2 (Odd Numbered Abstracts)	5:00 PM – 6:00 PM
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<b>Celebratory Dinner (First Floor LSU-SVM)</b>	6:00 PM – 8:00 PM
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A Toast to "Celebrating the Impact of NIH:NIGMS IDeA Programming on Louisiana"



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**Saturday January 21<sup>st</sup>, 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: Devaiah 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
<b>Awards and Closing Remarks</b>	3:05 PM – 3:20 PM



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## Closed Door:

EAC Meet with Steering Committee (LSU-SVM 1212C)

3:25 PM – 4:10 PM

EAC Dinner with Steering Committee (TBD)

5:30 PM – 7:30 PM