



# 20<sup>th</sup> ANNUAL MEETING OF THE LBRN – 2022

## Friday January 28<sup>th</sup>, 2022

#	Name	Project Type	Title	Time
1	Konstantin Kousoulas / Ramesh Subramanian	Introduction		1:00 - 1:10 PM
2	Nicolas Bazan - Director, Neuroscience Center of Excellence	Keynote	Redundancy and Resiliency Signaling for Neuronal Longevity Counteracts Alzheimer's Onset.	1:10 - 2:00 PM
3	Urska Cvek / J. Steven Alexander	Women's Health	Stability in Inflammatory Bowel Disease	2:05 - 2:30 PM
4	Nektarios Barabutis / Yogesh Saini	INBRE-COBRE	Protective Role of Activating Transcription Factor 6 (ATF6) against endothelial barrier dysfunction	2:35 - 3:00 PM

### **BREAK**

3:00 - 3:10 PM

5	Charles Irvin - Director, Vermont Lung Center	Invited Talk	Scientific Misconduct: Crime & Punishment	3:10 - 4:00 PM
6	Poster Session 1			4:00 - 5:00 PM
7	Poster Session 2			5:00 - 6:00 PM

## Saturday, January 29<sup>th</sup>, 2022

#	Name	Project Type	Title	Time
1	Oliver Garden - Dean, LSU School of Veterinary Medicine	Dean's Remarks	LSU Vetmed Overview	8:15 - 8:30 AM
2	Matt Lee - Interim Executive Vice President and Provost - LSU	Provost's Remarks	Welcome remarks	8:30 - 8:45 AM
3	Krzysztof Reiss - Program Director Center For Translational Viral Oncology	Keynote	Glioblastoma weak metabolic points as a target for new drugs with high potential for Blood Brain Barrier penetration	8:45 - 9:25 AM
4	Jean Christopher Chamcheu	Full	Development of fisetin as a novel inhibitor co-targeting PI3K/AKT/mTOR/Rac1 and IL-17A for Treating Psoriasis	9:30 - 9:55 AM
5	Georgios Matthaiolampakis	Full	miR-mediated Inhibition of Lung Cancer Progression	10:00 - 10:25 AM

### **BREAK**

10:25 – 10:40 AM

6	Siva Murru	Full	Development of Pyrazoles and Pyrazolones as Anti-Cancer Agents: Design, Synthesis and Anti-Cancer Activity Studies	10:40 - 11:05 AM
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7	Devaiah Kambiranda	Full	Proteasomes/immunoproteasome: Role of lipid rafts in compartmentalization / activation in e-cigarettes vapor exposed lung epithelial cells	11:10 - 11:35 AM
8	Kyle Piller	Full	Life in the fast lane: Testing for congruence among transcriptomic signatures	11:40 - 12:05 PM

**LUNCH**

12:05 - 1:00 PM

<b>Student Flash Talks – 4 minutes each</b>				
10	Rizwana Begum	Summer	HSP70 and proteasomes coalesce in lipid rafts to regulate E-cigarette Vapor condensate induced inflammation	1:00 – 1:30 PM
11	Nandini Bidarimath	Summer	Pentachlorophenol induced transcriptome dynamics in human lung and liver Cells	
12	Chelsea Bock	Summer	Growth inhibitory and apoptotic effects of Graviola (Annona Muricata) fractions in human melanoma and non-melanoma skin cancer in vitro	
13	Eric Clifford	Summer	Drug Screen Trends in Emergency Rooms Among Childbearing-Aged Females	
14	Denzel El Hage	Summer	Development of a pH-sensitive liposome formulation for targeted delivery of anticancer pyrazolones in lung cancer cells	
15	Tithi Roy	LBRN	The dietary antioxidant Fisetin suppresses Psoriasis-like characteristics in vitro and in vivo in an imiquimod-induced dermatitis in Balb/c mice: Involvement of the central mTOR signaling pathway	
16	April Wright	Full	Modeling Heterogeneous Data Sources for Time-Scaling Phylogenetic Trees	1:35 - 2:00 PM
17	Srinivas Garlapati	Full	Mechanism of translation initiation in protozoan parasite Giardia lamblia	2:05 - 2:30 PM
18	Vonny Salim	Full	Elucidation of Plant-Derived Drug Biosynthetic Pathways and Molecular Mechanisms as Anticancer Agents	2:35 - 3:00 PM
<b>Awards and closing remarks</b>				3:05 - 3:20 PM
<b>EAC meet with Steering Committee</b>				3:25 - 4:10 PM