

Day 1, Sep 23rd 2017	Category: Nano-Medicine for Disease Location: SASC Building, Lecture-Hall
7:15 - 8:10	Registration / Breakfast
8:10 - 8:20	Dr. Kenneth Furton Speech (Florida International University's provost)
8:20 - 8:30	Dr. Andres Gil's Speech (Vice President of Sponsored Research)
8:30 -9:20	Plenary Speaker Introduction (Dr. Madhavan Nair) Plenary Speaker Talk: Dr. Tatiana Bronich University of Nebraska
9:20 -9:30	Morning Coffee and Snack Break
Session 1 Starts	
9:30 -10:00	Keynote Speaker Dr. Jingjiao Guan <i>Title: Development of Microdevices for Enhancing Cell Therapy</i> Florida State University
10:00 - 10:15	Akil A. Kalathil <i>Title: Aspirin Analogue Encapsulated Nanoparticles for Enhanced Delivery</i> University of Miami
10:15 - 10:30	Amirah Mathin <i>Title: Development of Anti-Metastatic Dihydromotuporamine Derivatives Which Target Actin Filament Assembly Dynamics</i> University of Central Florida
10:30 - 10:45	Angeliki Moutsopoulos <i>Title: Design of a bioluminescent molecular aptamer beacon using an inhibitor-based signal quenching for interferon-γ detection</i> University of Miami
10:45 - 11:00	Coffee and Snack Break
Session 2 Starts	
11:00 - 11:30	Keynote Speaker Dr. Najmeh Hoseini <i>Title: Combined Peripheral and Central Electrical Stimulation for Improving Arm Function in Patients with Stroke</i> Midwestern University
11:30 - 11:45	Asahi Tomitaka <i>Title: Multimodal Image-Guided Drug Delivery using Magneto-Plasmonic Liposomes for Brain-Targeted Applications</i> Florida International University

11:45 - 12:00	<p>Bapurao Surnar <i>Title: Dual Targeted Nanoparticles for Mitochondrial Delivery of a Cisplatin Prodrug for Prostate Cancer Therapy</i> University of Miami</p>
12:00 - 12:15	<p>Bhabatoch Banik <i>Title: Delivery of Neuroprotectants Across the Blood-Brain Barrier to Modulate Astrocytes for Improved Neuronal Health</i> University of Miami</p>
12:15 - 1:45	<p>Lunch Poster Presentations / Active Discussion Tables University of Central Florida Master Program Presentation</p>
Session 3 Starts	
1:45 - 2:15	<p>Keynote Speaker Dr. Rahul Dev Jayant <i>Title: Alternative Approach to Develop Non-Viral Nanoparticles for Gene Delivery</i> Florida International University</p>
2:15 - 2:30	<p>Dr. Hoshang Unwalla <i>Title: Suppression of CFTR function by Synergistic Effects of HIV-1 infection and Cigarette Smoke on NHBe Cells</i> Florida International University</p>
2:30 - 2:45	
2:45 - 3:00	<p>David Broyles <i>Title: Solid-Phase Bioluminescence-Based Platform for Direct MicroRNA Detection</i> University of Miami</p>
Session 4 Starts	
3:00 - 3:30	<p>Keynote Speaker Dr. Sylvia Daunert <i>Title: Simplicity is the Ultimate Form of Sophistication: Enabling technologies for Sensing Challenges and Therapeutic Interventions</i> University of Miami</p>
3:30 - 3:45	<p>Diana V Avila <i>Title: Targeting HIV-1 in the brain with magneto-electric nanoparticles (MENPs)</i> University of Miami</p>
3:45- 4:00	<p>Gregory O'Connor <i>Title: Serotonin Modulates Virulence of Pseudomonas aeruginosa in the Host</i> University of Miami</p>

4:00 - 4:15	<p>Dr. Nazira El-Hage</p> <p><i>Title: Intranasal drug delivery of small interfering RNA targeting Beclin1 encapsulated with polyethylenimine (PEI) in mouse brain to achieve HIV attenuation</i></p> <p>Florida International university</p>
4:15 - 4:30	Coffee and Snack Break
Session 5 Starts	
4:30 - 5:00	<p>Keynote Speaker Dr. Qun Treen Huo</p> <p><i>Title: A Rapid Blood Test for Point of Care Zika Viral Infection Detection and Diagnosis</i></p> <p>University of Central Florida</p>
5:00 - 5:15	<p>Peter Dau</p> <p><i>Title: Development of a Point-of-Care Test for High-Risk HPV Detection</i></p> <p>University of Miami</p>
5:15 - 5:30	<p>Philip Dixon</p> <p><i>Title: Treatment of Cystinosis through Vitamin E modified silicone hydrogel</i></p> <p>University of Florida</p>
5:30 - 5:45	<p>Jing Guo</p> <p><i>Title: Single molecule fluctuations in dynamic Plasmonic molecular junctions formed by single nanoparticle collisions</i></p> <p>Florida International university</p>

Day 2, Sep 24th 2017	Category: Nano-Medicine for Disease Location: SASC Building, Lecture-Hall
9:00 - 9:30	Morning Coffee and Breakfast
Session 1 Starts	
9:30 - 10:00	Keynote Speaker Dr. Shanta Dhar University of Miami
10:00 - 10:15	Ryosuke Yokosowa <i>Title: Tissue Stiffness-Matched substrates for Mechanobiology of Intestinal Epithelial Cells</i> University of Florida
10:15 - 10:30	Sneham Tiwari <i>Title: Withaferin A suppresses Beta amyloid in APP expressing cells: Studies for neurocognitive dysfunctions</i> Florida International University
10:30 - 10:45	Sudhakar Godeshala <i>Title: Nanomedicine for Trans-Epithelial Oral Delivery of Ivermectin for Zika</i> University of Miami
10:45 - 11:00	Coffee and Snack Break
Session 2 Starts	
11:00 - 11:30	Keynote Speaker Dr. Yi Xiao <i>Title:</i> Florida International University
11:30 - 11:45	Tianyu Zheng <i>Title: Gold Nanoparticle-Enabled Blood Test for Acute Viral Infection Detection</i> University of Central Florida
11:45 - 12:00	Woody Perng <i>Title: Characterizing Protein Corona on Inorganic Nanocrystals</i> Florida State University
12:00 - 12:15	Yu Ping-Yang <i>Title: Development of Bioluminescence/Fluorescence-based Assay for Rapid Detection and Post-Detection Analysis of Circulating Tumor Cells</i> University of Miami
12:15 - 1:45	Lunch Active Discussion Tables Dr. Ranu Jung Speech (Chair of Biomedical Engineering) Award Ceremony Dr. John Volakis Closing Speech (Dean of Collage of Engineering and Computing)