

3rd Annual School of Medicine Science Day

11:30-1:00PM

Opening Welcome and Lunch

12:00-1:00PM

Plenary Speaker: Daniela Salvemini, Ph.D., FASPET

Topic: Novel treatments in neuropathic pain states

1:00-1:15	Alex Reiter, Ph.D. <i>Department of Biomedical Engineering</i> Title: Assessment of tendon loading with wearable sensors
1:15-1:30	Anutosh Chakraborty, Ph.D. <i>Department of Pharmacology & Physiology</i> Title: Determining in vivo functions of novel proteins
1:30-1:45	Yasar Caliskan, MD <i>Department of Internal Medicine</i> Title: Molecular phenotyping of kidney graft ischemia-reperfusion injury
1:45-2:00	Sergey Korolev, Ph.D. <i>Department of Biochemistry and Molecular Biology</i> Title: Mechanism of recombination mediator proteins: from pathogens to tumor suppressors
2:00-2:15 Break	
2:15-2:30	Jaya Gnana-Prakasam, Ph.D. <i>Department of Ophthalmology</i> Title: Iron Toxicity in Retinal Degeneration
2:30-2:45	John Tavis, Ph.D. <i>Department of Molecular Microbiology and Immunology</i> Title: Engineering tractable HBV polymerase derivatives for structural, mechanistic, and drug discovery studies
2:45-3:00	Ranjit Ray, Ph.D. <i>Department of Internal Medicine-Infectious Diseases</i> Title: Encouraging preclinical results for vaccine development against oncogenic hepatitis C virus
3:00-3:15 Break	
3:15-3:30	Nermi Parrow, Ph.D. <i>Department of Pediatrics</i> Title: The effect of iron restriction on disease severity in the Townes model of sickle cell anemia
3:30-3:45	Jianguo Liu, Ph.D. <i>Department of Internal Medicine-Infectious Diseases</i> Title: Discovery new host-directed therapy against mycobacterium tuberculosis infection
3:45-4:00	Daniel Hawiger, MD, Ph.D. <i>Department of Molecular Microbiology and Immunology</i> Title: Surveying the landscapes of immune system in health and disease by single cell sequencing analysis within biologically interpretable dimensions

4:00-4:30 Award Ceremony

4:30-5:30 Student posters/ Reception