

The George and Angelina Kostas

NEXT GEN Junior Faculty and Trainee Symposium

Tuesday, May 21, 2024

Houston Methodist Research Institute | John F. Bookout Auditorium (R2-306)

AGENDA

Session 1

6 - 6:10 p.m.	In Situ Partial Reprogramming of Non-Human Model Cardiomyocytes Induces Their Molecular Rejuvenation and Alleviates Cardiac Failure Irene de Lázaro, PhD Assistant Professor, New York University
6:10 - 6:20 p.m.	Uncoupling Histone Modification Crosstalk by Engineering Lysine Demethylase LSD1 Kwangwoon Lee, PhD Research Fellow, Harvard Medical School, Brigham and Women's Hospital
6:20 - 6:30 p.m.	ACL Modulates Transdifferentiation to Facilitate Vascular Recovery Shuang Li, MD, PhD Postdoctoral Research Fellow, Houston Methodist
6:30 - 6:40 p.m.	YAP Rejuvenates Heart Through Inducing Cardiomyocyte Metabolic Remodeling Lin Liu, PhD Postdoctoral Research Fellow, Baylor College of Medicine
6:40 - 7:10 p.m.	Pizza & Refreshments

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Session 2

7:10 - 7:20 p.m.	APOE-NOTCH Axis Governs Elastogenesis During Human Cardiac Valve Remodeling Yifei Miao, MBBS, PhD Research Assistant Professor, Cincinnati Children's Hospital Medical Center
7:20 - 7:30 p.m.	An Integrated Experimental-Computational Approach to Elucidate Cardiac Allograft Vasculopathy Development Elisa Serafini Graduate Student, Houston Methodist
7:30 - 7:40 p.m.	Novel Quantitative Approach for Dynamic Volumetric Blood Flow Analysis and Early Embryonic Cardiovascular Phenotyping Michaela A. McCown Graduate Student, Baylor College of Medicine
7:40 - 7:50 p.m.	Alterations in LV Hemodynamics: Pre Versus Post Mitral Valve Prolapse Repair Seyed Peighambari, MSc Graduate Student, Texas A&M University