



UCLA Cardiovascular Theme Symposium 2024

October 17th & October 18th, 2024
Venue: UCLA Covel Commons

Thursday, October 17th, 2024

12:00 – 13:00 PM	Registration / Check-in
13:00 – 13:10 PM	Opening Remarks Arjun Deb, MD (CV Theme Director)
13:10 – 14:10 PM	Session I: UCLA Cardiovascular Theme Conner Dunn Keynote Lecture Moderator: Tamer Sallam, MD, PhD Daniel P. Kelly, MD, University of Pennsylvania <i>“Deciphering the Metabolic Origins of Heart Disease”</i>
14:10 – 14:30 PM	Coffee Break
14:30 – 16:00 PM	Session II. Cardiovascular Epigenetics Moderators: Jau-Nian Chen, PhD Jessica Wang, MD, PhD
14:30 – 15:00 PM	Timothy McKinsey, PhD, University of Colorado <i>“Phenotypic Screening, Machine Learning and New Therapeutic Targets for Cardiac Fibrosis”</i>
15:00 – 15:30 PM	Federica Accornero, PhD, Brown University <i>“RNA Modification as a Homeostatic Control System in the Heart”</i>
15:30 – 16:00 PM	Thomas Vondriska, PhD, UCLA <i>“Chromatin as a Mechanosensor”</i>
16:00 – 19:00 PM	Poster Session with Wine & Cheese (Covel Commons)



Friday, October 18, 2024

07:30 – 08:50 AM

Breakfast / Check-in

08:50 – 09:00 AM

Opening Remarks

Arjun Deb, MD (CV Theme Director) &
Steven M. Dubinett, MD. (Dean, DGSOM), UCLA

09:00 – 10:15 AM

Session III: Early Career Investigator (ECI) Forum

Moderators: Marlin Touma, MD, PhD
Pearl Quijada, PhD

09:00 – 09:25

ECI Lecture 1: “TBD”

09:25 – 09:50

ECI Lecture 2: “TBD”

09:50 – 10:15

ECI Lecture 3: “TBD”

10:15 – 10:30 AM

Coffee Break

10:30 – 12:00

Session IV. Cardiovascular Oncology & Myocyte Signaling

Moderators: Hillary Coller, PhD
Xinjiang Cai, MD. PhD

10:30 – 11:00

Christopher Chen, MD PhD, Boston University

“Engineering Culture Models of Cardiovascular Physiology and Disease: Build, Learn, Repeat”

11:00 – 11:30

Chunru Lin, PhD, University of Texas

“Unlocking the Missing Link: Long Noncoding RNAs in Mitochondrial Biology and Cardiomyopathies”

11:30 – 12:00

René Packard, MD, PhD, UCLA

“Igfbp-3 Mediates Cardiomyocyte Protection from Anthracycline-Induced Injury”

12:00 – 13:30 PM

**Lunch
(Covel Commons)**



Friday, October 18, 2024 (Continued)

13:30 – 15:00 PM

Session V: Cardiovascular Metabolism

Moderators: Julia Mack, PhD
Elizabeth Tarling, PhD

13:30 – 14:00 PM

Anja Karlstaedt, PhD, MD, Cedars-Sinai Medical Center
“Cardio-Oncology – Metabolic Crosstalk Between Cancer and the Heart”

14:00 – 14:30 PM

Douglas Lewandowski, PhD, Ohio State University
“Targeting Adverse Metabolic Remodeling in the Pathogenesis of Heart Failure”

14:30 – 15:00 PM

Karen Reue, PhD, UCLA
“The Xtraordinary Role of Sex Chromosome Dosage in Cardiometabolic Health and Disease”

15:00 – 15:20 PM

Coffee Break

15:20 – 16:50 PM

Session VI: Cardiovascular Modeling, Engineering & Novel Therapeutics

Moderators: Jeffery Hsu, MD, PhD
Atsushi (Austin) Nakano, MD, PhD

15:20 – 15:50 PM

Irena Levitan, PhD, University of Illinois
“Flow-induced K⁺ Channels as Master Regulators of Endothelial Mechanotransduction”

15:50 – 16:20 PM

Da Zhi Wang, PhD, University of South Florida
“Non-coding RNAs and RNA Binding Proteins in Heart Development, Remodeling and Regeneration”

16:20 – 16:50 PM

Song Li, PhD, UCLA
“Immunoengineering in Cardiovascular System”

16:50 – 17:00 PM

Closing Remarks and Awards Ceremony

**All talks will be held in the Grand Horizon Ballroom at Covel Commons*



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To register for the CV theme retreat
please find the [link](#) or scan [below](#)





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Keynote Lecture

Speakers



David Geffen
School of Medicine



Daniel P. Kelly, M.D.
University of Pennsylvania



Timothy A. McKinsey, Ph.D.
University of Colorado



Federica Accornero, Ph.D.
Brown University



Thomas Vondriska, Ph.D.
UCLA



Christopher Chen, M.D., Ph.D.
Boston University



Chunru Lin, M.D., Ph.D.
University of Texas



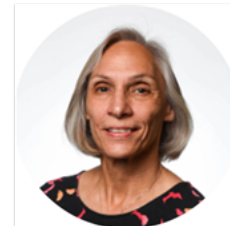
René R. Packard, M.D., Ph.D.
UCLA



Karlstaedt, Anja, M.D., Ph.D.
Cedars-Sinai Medical Center



Douglas Lewandowski, Ph.D.
Ohio State University



Karen Reue, Ph.D.
UCLA



Irena Levitan, Ph.D.
University of Illinois



Da Zhi Wang, Ph.D.
University of South Florida



Song Li, Ph.D.
UCLA