

# 2025 UCDDC SYMPOSIUM AT UC RIVERSIDE AGENDA

Location: UC Riverside, School of Medicine, room 205

Date: Wednesday, May 21, 2025

Time: 9:00am-5:00pm

## Welcome to UC Riverside

9-9:20am Registration. Poster setup. Light refreshments.

9:30-9:40am Welcome and Introduction to the Symposium  
**Maurizio Pellecchia, PhD., UC Riverside**  
**Rosibel Ochoa, PhD., AVC, Technology Partnerships, UC Riverside**

9:40-9:50am UC Drug Discovery Consortium: introduction and announcements  
**Michael Rogawski, MD, PhD., UC Davis**

*Session I chair: Melanie Cocco, PhD., UCI*

9:50-10:15am “Spatial Mapping of Organelle Networks and Metabolism in Lung Cancer”  
**David Shackelford, PhD., UC Los Angeles**

10:15-10:40am “The development of targeted epigenetic editors for the treatment of genetic epilepsy”  
**Kyle Fink, PhD., UC Davis**

10:40-11:05am “Discovery of antiviral leads with superior efficacy in SARS-CoV2 and MERS infection models”  
**Adam Renslo, PhD., UC San Francisco**

11:05-11:30am “Massively parallel, single-molecule assessment of synthetic fidelity and drug-like properties in a DNA-encoded library”  
**Scott Lokey, PhD, UCSC**

11:30am-1:30pm **Lunch and poster presentations** (*optional walks to either the botanical gardens or to the MRB1 incubator laboratory space*)

*Session II chairs: UCDDC EC*

***UC Translates*** round table session: From academic research to spin-off biotech companies

1:30-1:35pm Amplyx Pharmaceuticals - UC San Francisco Spin off  
**Jason Gestwicki, PhD. (Co-Founder)**

1:35-1:40pm Eicosis - UC Davis spin-off  
**Cindy McReynolds, PhD. (CEO)**

1:40-1:45pm Zenith Therapeutics - UC Berkeley Spin off  
**Julia Schaletzky, PhD. (Co-Founder)**

1:45-1:50pm Armida Labs, UC Riverside spin off  
**Carlo Baggio, PhD. (Co-founder and CTO)**

1:50-1:55pm Unnatural products - UC Santa Cruz spin-off  
**Cameron Pye, PhD. (Co-founder)**

1:55-2:00pm Ocean Therapeutics - UC San Diego spin-off  
**William Fenical, PhD. (Founder)**

2:00-2:05pm HomeLab - UC wide accelerator (UCSD)  
**Julio de Unamuno IV (Executive Director)**

2:05-2:35pm **UC spin-off panel/round table discussion**

2:35-3:00pm Afternoon break and Poster presentations

*Session III chair: Robert Damoiseaux, PhD. UCLA*

3:00-3:20pm “The ESCRT system of membrane remodeling as a new target for drug discovery”  
**Jim Hurley, PhD., UC Berkeley**

3:20-3:45pm “Drugs Designed to Treat Sickle Cell Disease: Mechanisms of Binding to Hemoglobin”  
**Melanie Cocco, PhD., UC Irvine**

3:45-4:10pm “Covalent drug discovery targeting His/Lys or Tyr residues”  
**Maurizio Pellecchia, PhD., UC Riverside**

4:10-4:15pm **Poster Awards Maurizio Pellecchia, PhD. and the UCDDC EC**

**Keynote presentation Chair, Michael Gilson, PhD., UCSD**

4:15-5:00pm “Angiogenesis: Basic Biology and Therapeutic Opportunities”  
**Keynote speaker, Napoleone Ferrara, PhD., UC San Diego**

5:00-5:30pm **Light refreshments and adjourn**