



# UC Davis CV Symposium

## Cell diversity in the cardiovascular system, cell-autonomous and cell-cell signaling

Davis, CA March 25-26, 2022

Organizers: Don Bers (Chair), Ele Grandi, Manuel Navedo, Nipavan Chiamvimonvat, Rose Dixon, Crystal Ripplinger

Virtual Conference: Stefano Morotti

Sustainability: Andrew Edwards, Jessica Caldwell

Administrative Contacts: Brittany Kolb [bckolb@ucdavis.edu](mailto:bckolb@ucdavis.edu) Seema Prasad [srpprasad@ucdavis.edu](mailto:srpprasad@ucdavis.edu)

### 2022 March 25, Friday

### 2022 March 26, Saturday

Keynote Speaker

7:45 – 8:00 Opening remarks: **Kim Barrett and Don Bers**  
 8:00 – 8:30 Keynote Speaker: **David Kass**  
 Cardiac disease: from bench to bedside

<b>Opening Speakers</b>	8:30 – 9:00	<b>Health Disparities</b> Fatima Rodriguez	8:00 – 8:30	<b>The Digital Twin</b> Pablo Lamata
		<b>1. Ionic Remodeling in Cardiovascular Disease</b>		<b>4. Subcell Structural Remodeling in Cardiovascular Disease</b>
Experimental cardiac	9:00 – 9:20	<b>David Jones</b>	8:30 – 8:50	<b>Marina Cerrone</b>
Modeling cardiac	9:20 – 9:40	<b>Trine Krogh-Madsen</b>	8:50 – 9:10	<b>Seth Weinberg</b>
Experimental vascular	9:40 – 10:00	<b>Scott Earley</b>	9:10 – 9:30	<b>Mark Nelson</b>
Modeling vascular	10:00 – 10:20	<b>Nikolaos Tsoukias</b>	9:30 – 9:50	<b>Daniela Valdez-Jasso</b>
Discussion	10:20 – 11:00	<u>Leaders: Jeanne Nerbonne and Jason Yuan</u> Panelists: Bjorn Knollmann, Jon Silva, Osama Harraz, Manu Ben Johny	9:50 – 10:30	<u>Leaders: Fernando Santana and Thomas Longden</u> Panelists: Ademuyiwa Aromolaran, Ting Ting Hong, Sai Veeraraghavan
		<b>2. Ca<sup>2+</sup> handling Remodeling in Cardiovascular Disease</b>		<b>5. Neurohormonal Remodeling in Cardiovascular Disease</b>
Experimental cardiac	11:15 – 11:35	<b>Ana Gomez</b>	10:45 – 11:05	<b>Robert Harvey</b>
Modeling cardiac	11:35 – 11:55	<b>Daisuke Sato</b>	11:05 – 11:25	<b>Stefano Morotti</b>
Experimental vascular	11:55 – 12:15	<b>Madeline Nieves-Cintrón</b>	11:25 – 11:45	<b>Erika Boerman</b>
Modeling vascular	12:15 – 12:35	<b>Arash Moshkforous</b>	11:45 – 12:05	<b>Mette Olufsen</b>
Discussion	12:35 – 1:15	<u>Leaders: Dobromir Dobrev and Manuel Navedo</u> Panelists: Tim Domeier, Claudia Moreno, Davor Pavlovic, Mohamed Trebak	12:05 – 12:45	<u>Leaders: Crystal Ripplinger and Jon Lederer</u> Panelists: Nikki Posnack, Peter Backx
	1:15 – 2:30	<i>Lunch</i>	12:45 – 2:00	<i>Lunch</i> <b>Culturally Sensitive Mentoring</b> Dr. Kelly Diggs-Andrews
		<b>3. Tissue Remodeling in Cardiovascular Disease</b>		<b>6. Cell-cell communication in Cardiovascular Disease</b>
Experimental cardiac	2:30 – 2:50	<b>Thao Nguyen</b>	2:00 – 2:20	<b>Svetlana Reilly</b>
Modeling cardiac	2:50 – 3:10	<b>Patrick Boyle</b>	2:20 – 2:40	<b>Jeffrey Saucerman</b>
Experimental vascular	3:10 – 3:30	<b>Matthew Nystoriak</b>	2:40 – 3:00	<b>Jessica Filosa</b>
Modeling vascular	3:30 – 3:50	<b>Alison Mardsen</b>	3:00 – 3:20	<b>Linda Irons</b>
Discussion	3:50 – 4:30	<u>Leaders: Mario Delmar and Andrew McCulloch</u> Panelists: Ayako Makino, Brian Carlson	3:20 – 4:00	<u>Leaders: Jonathan Jaggar and Lee Murfee</u> Panelists: C. Alberto Figueroa, Cam Ha Tran
<b>ECR Flash Talks and Poster presentations</b>	4:30 – 5:30	Albert Gonzales, Miranda Good, Shanna Hamilton, Di Lang, Elisa Passini	4:00 – 4:30	Keynote Speaker: <b>Iris Jaffe</b> Vascular disease: from bench to bedside
	6:00 – 9:30	<i>Social time: Wine tasting, Reception &amp; Dinner for all</i>		