



17th Annual Spotlight on Early Career Investigators

A Cancer Research Mini-Symposium

Chair: Frederick Meyers, MD, MACP
Associate Director for Education, Training, and Career Development
UC Davis Comprehensive Cancer Center

Thursday, May 25, 2023	
10:00 – 10:15AM	Welcome: Frederick Meyers, MD, MACP
10:15 – 10:35AM	Keynote Address: <u>Mili Arora, MD</u> . <i>From Passion to Profession: Paving My Own Path in Oncology</i>
10:35 – 10:45AM	Q&A
10:45 – 10:55AM	<u>Valentina Zavala, PhD</u> . <i>Regulation of genes located in 6q25 by non-European genetic variants in breast cancer patients from Peru</i>
10:55 – 11:00AM	Q&A
11:00 – 11:10AM	<u>Nan Wang</u> . <i>Health Equity Impact of a Tobacco Treatment Program among Patients with or without a UCD Primary Care Provider at UC Davis Comprehensive Cancer Center, 2017-2021</i>
11:10 – 11:15AM	Q&A
11:15 – 12:45PM	Roundtables & Lunch
12:45 – 12:55PM	<u>Siqi Li, PhD</u> . <i>Optimization of Total-Body PET Imaging of Bone Marrow Using Dual-Energy CT</i>
12:55 – 1:00PM	Q&A
1:00 – 1:10PM	<u>Chenghuiyun Xu</u> . <i>Transcriptome-wide study of tumor samples from Peruvian women identifies dysregulated pathways in luminal tumors typically associated with more aggressive disease</i>
1:10 – 1:15PM	Q&A
1:15 – 1:25PM	<u>Laura Musumeci, PhD</u> . <i>The novel small molecule inhibitor LLS132 reduces pancreatic cancer growth, in part, by blocking cell cycle progression</i>
1:25 – 1:30PM	Q&A
1:30 – 1:40PM	<u>Morgan Domanico, PhD</u> . <i>Naphthalene-DNA Adducts Persist After 24 hours in C57BL/6 Mouse Airway Explants</i>
1:40 – 1:45PM	Q&A
1:45 – 2:45PM	Poster Session
2:45 – 3:00PM	Presentation Winners Announced: Frederick Meyers, MD, MACP

Poster Presentations	
1	<u>Alba Alfonso-Garcia</u> . <i>iFLIM: optical biopsy for colorectal cancer</i>
2	<u>Alfonso Aranda</u> . <i>Residential perceptions of risk in an agriculturally-structured community: a qualitative assessment</i>
3	<u>Charlotte Bergheimer</u> . <i>Association between breast cancer screening compliance and food insecurity in women with low income from California</i>
4	<u>Najila Dabbagh</u> . <i>Development of a Promotores-based Cervical Cancer Prevention Education Curriculum for Hispanic/Latinx Women</i>
5	<u>Agustina Diener</u> . <i>Identifying force-dependent protein interactions surrounding actin filaments</i>
6	<u>Dah Som Kim</u> . <i>Deciphering Force-induced Interactions surrounding Keratin Using in vitro Microneedle Stretch</i>
7	<u>Jiyeong Kim</u> . <i>Mental Health Among Cancer Survivors and Adults Without a History of Cancer in the United States Prior to and During Early SARS/COVID-19 Pandemic</i>
8	<u>Amy Leslie</u> . <i>IGFBP3 Promotes Resistance to Olaparib via Modulating EGFR Signaling in Advanced Prostate Cancer</i>
9	<u>Daniel Levis</u> . <i>A Novel bi-specific T cell engager (BiTE) targeting CD22 and CD3 has both in vitro and in vivo activity and synergizes with blinatumomab in an Acute lymphoblastic leukemia (ALL) tumor model</i>
10	<u>Jazmin Machuca</u> . <i>Role of dietary omega-3 (n-3) fatty acids on intestinal barrier integrity in mice fed a high-fat diet: implication in pancreatic cancer development</i>
11	<u>Olivia Sattayapiwat</u> . <i>Advancing Evidence of the Associations Between Specific Benign Breast Diagnoses and Future Breast Cancer Risk</i>
12	<u>María del Carmen Villegas-Aguilar</u> . <i>Evaluation of metabolites derived from phenolic compounds present in <i>Olea europaea</i> and <i>Lippia citriodora</i> in pancreatic cancer cell lines</i>
13	<u>Sarah Wang</u> . <i>DNA Methylation-mediated silencing of <i>Pdzrn3</i> promotes metastasis in pancreatic ductal adenocarcinoma</i>
14	<u>Reno Jihao Xu</u> . <i>Engrailed-1 promotes pancreatic cancer metastasis</i>
15	<u>Karen Zhao</u> . <i>Force-Induced Accumulation of Tensin Proteins Along Keratin Fibers</i>