

CNRCS SYMPOSIUM 2021/2022

December 7th, 2021

Hybrid Event

Agenda

8:55 AM - 9:05 AM	Opening remarks (Shaun Zhang)
9:05 AM - 10:05 AM	Session 1 (Chair: Esra Unsal)
9:05 AM - 9:20 AM	<i>T01: Targeting PI3K isoforms to improve the effectiveness of T-cell mediated immunotherapy, Ritu Bohat</i>
9:20 AM - 9:35 AM	<i>T02: Machine Learning Reveals Alterations in Immune Cell Infiltration in Novel Pancreatic Cancer Subtypes, Charles Ho</i>
9:35 AM - 9:50 AM	<i>T03: PKM2 Mediates Hippo Pathway Regulation by the HPV16 E7 Oncoprotein, Seoung-Ae Lee</i>
9:50 AM - 10:05 AM	<i>T04: Development of Resources to Study Vulvar Cancer, Ayeshan Mahendra</i>
10:05 AM - 10:20 AM	Break
10:20 AM - 11:20 AM	Session 2 (Chair: Ayeshan Mahendra)
10:20 AM - 10:35 AM	<i>T05: Novel LXR inverse agonist GAC0001E5 (1E5) disrupts breast cancer cell proliferation and glutamine metabolism, Asitha Premaratne</i>
10:35 AM - 10:50 AM	<i>T06: A dynamic balance of Estrogen receptor β isoforms is regulating aggressiveness in Prostate Cancer, Jessica H. Stevens</i>
10:50 AM - 11:05 AM	<i>T07: Epithelial Estrogen Receptor α is Required for the Cervical Epithelium Dynamics in Neonatal and Adult Mice, Esra Unsal</i>
11:05 AM - 11:20 AM	<i>T08: Designing 3-D Organoid Models to Define the Link in Maternal-Infant Health, Kacie D. Waiters</i>
11:20 AM - 11:35 AM	Break
11:35 AM - 12:20 PM	Session 3 (Chair: Ashfia Khan)
11:35 AM - 11:50 AM	<i>T09: Computational Biology Approach to Understanding the Differential Effects of Liver X Receptor Ligands, Scott Widmann</i>
11:50 AM - 12:05 PM	<i>T10: Pioneer transcription factor upregulation coordinated with androgen receptor reprogramming promotes cell proliferation in castration resistant prostate cancer, Tianyi Zhou</i>
12:05 PM - 12:20 PM	<i>T11: A dynamic balance of Estrogen receptor β1 and β4 regulates chemotherapy resistance and Cancer Stem Cell markers in TNBC cells through hypoxic signaling, Ayesha Bano</i>
12:20 PM - 1:30 PM	Lunch break
1:30 PM - 2:30 PM	Keynote- "Resurrecting the dead: Revisiting antiangiogenic therapy to target prostate cancer metabolism" Daniel E. Frigo, Ph.D., Associate Professor, Department of Cancer Systems Imaging, MD Anderson Cancer Center (Chair: Chin-Yo Lin)
2:30 PM - 4:30 PM	Poster Session (P01-P10, virtual) (Chair: Nicholas Egan)
4:30 PM - 4:40 PM	Break
4:40 PM - 4:45 PM	Closing remarks (Shaun Zhang)
4:45 PM - 5:00 PM	Award announcement (Dinler Antunes)

The oral presentations will be held in a HyFlex mode (Presenters give in-person talks while Zoom/TEAMS meeting is on). Audience can choose to attend the meeting in-person or virtually.

The poster presentations will take place virtually.

CNRCS SYMPOSIUM COMMITTEE:

Qin Feng, Assoc. Professor, Biology and Biochemistry

Dinler Antunes, Asst. Professor, Biology and Biochemistry

Nicholas Egan, Graduate Student Biology and Biochemistry

Tianyi Zhou, Graduate Student Biology and Biochemistry