

Updated: 1/2/2024

Cancer Biology Pathway L41-5288 SPECIAL TOPICS IN MOLECULAR GENETICS

Coursemaster: Lee Ratner, MD, PhD, Alan A. and Edith L. Wolff Professor of Oncology

This course is designed to present pre and postdoctoral trainees with an organized educational format to explore major contemporary topics in cancer biology. The elective will provide an integrated view of cancer research including basic science, translational science and clinical investigation. Approximately 60 minutes will be devoted to a didactic presentation by a faculty member with interaction by the participants. The remaining 30 minutes will be used to discuss a pivotal research paper from this field, preselected by the faculty member. Outside reading will be required (30-60 minutes per week).

Registered L41-5288 students and Cancer Biology Pathway/Myelodysplastic Syndrome Program trainees: In-person attendance required. Contact admin to review extenuating circumstances allowing for virtual attendance. Unless noted, all sessions will be held from 12:00 - 1:30 PM. Updates to the schedule are maintain in Box. Schedule subject to change throughout the semester.

Zoom link is available for non-registered or non CBP/MDS participants and trainees

Date	Speaker	Title/Topic	Locations
January 9, 2024 11:00 AM—2:00 PM	Kickoff Luncheon: CBP and MDS Trainees	Overview and Presentations	MCC, 11 th floor, Main Conference Room
January 16	Lee Ratner, MD, PhD	Introduction and Overview	MCC, 11 th floor, Main Conference Room
January 23	Bettina Drake, PhD, MPH	Community Approaches to Cancer Prevention	MCC, 11 th floor, Main Conference Room
January 30	Abby Green, MD	Mutagenic Processes in Cancer	MCC, 11 th floor, Main Conference Room
February 6	John Kraiss, PhD	BRCA1, DNA Damage, and Cancer	MCC, 11 th floor, Main Conference Room
February 13	Kelly Bolton, MD, PhD	BRCA1, DNA Damage, and Cancer	MCC, 11 th floor, Main Conference Room
February 20	Helen McNeill, PhD	Fat and Hippo and Cancer	MCC, 11 th floor, Main Conference Room
February 27	David Chen, PhD	Melanoma Genetics	MCC, 11 th floor, Main Conference Room
March 5	Sid Puram, MD, PhD	Head and Neck Cancer Immunotherapy	MCC, 11 th floor, Main Conference Room
March 12	Spring Break – No Classes		
March 19	2 nd Year CBP Trainee Presentations <ul style="list-style-type: none"> • Alexander Chen, PhD • Jerome Prusa, PhD • Ilah Bok, PhD (1st Year Trainee) • Pei-Yu Chen • Taylor Malachowski 	<ul style="list-style-type: none"> • <i>Leveraging human iPSCs to define cells of origin in pediatric low grade gliomas</i> • <i>Yeast Probiotic Delivered Immune Checkpoint Inhibitors Alter the Murine Gut</i> • <i>KEAP1 Cysteine Modifications and KEAP1 Cysteine Modifications and Proximity Interaction Network</i> • <i>Investigating the role of ARIDs, subunits of SWI/SNF chromatin remodeling complex, in melanoma</i> • <i>The role of senescent cells in chemotherapy-induced peripheral neuropathy</i> 	MCC, 11 th floor, Main Conference Room
March 26	Yoona Kang, PhD	Myeloid Differentiation and Transformation	MCC, 11 th floor, Main Conference Room
April 2	David Spencer, PhD	Genetics and Epigenomics of AML	MCC, 11 th floor, Main Conference Room
April 9	Matthew Ciorba, MD	Intestinal Inflammation and Cancer	MCC, 11 th floor, Main Conference Room
April 16	Patricia Ribeiro-Pereira, PhD	Multimodal Imaging of Cancer	MCC, 11 th floor, Main Conference Room
April 23	Stephanie Markovina, MD, PhD	Biomarkers for Prognosis and Response to Radiation Therapy	MCC, 11 th floor, Main Conference Room
April 30	Carmen Bergom, MD, PhD	Preclinical Models of Radiation Therapy	MCC, 11 th floor, Main Conference Room