

2022-23 MBIDP STUDENT SEMINAR SERIES

<p style="text-align: center;"><u>Wednesday, Oct. 5th</u> Emily Peluso-Smith <i>“Dissecting the role of peroxisomal peroxin family proteins in hepatic bile acid and lipid metabolism”</i></p> <p style="text-align: center;">Benancio Rodriguez <i>“Determining ReIB’s role as an epigenetic reprogrammer in dendritic cells”</i></p>	<p style="text-align: center;"><u>Wednesday, Oct. 19th</u> Joey Li <i>“Identification of MEF2C as a central regulator of human NK cell effector function and metabolism”</i></p> <p style="text-align: center;">Jonathan Jih <i>“Structures and configurations of the human cytomegalovirus portal-associated tegument complex”</i></p>	<p style="text-align: center;"><u>Wednesday, Nov. 2nd</u> Chris Luthers <i>“Hematopoietic Stem Cell Gene Therapy for X-linked Agammaglobulinemi”</i></p>	<p style="font-size: 1.2em;">Cancelled</p>
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<p style="font-size: 1.2em;"><u>Wednesday, Nov. 30th</u></p> <p style="font-size: 1.2em;">Cancelled</p>	<p style="text-align: center;"><u>Wednesday, Jan. 11th</u> Miranda Villanueva <i>“Chemoproteomic approaches to understand cholesterol extracellular and intracellular movement and interactions”</i></p> <p style="text-align: center;">Joon Kang <i>“Asymmetric reconstruction of mammalian reovirus reveals interactions among RNA, transcriptional factor, and capsid proteins.”</i></p>	<p style="text-align: center;"><u>Wednesday, Jan. 25th</u> Patricia Mendez <i>“Elucidating the molecular and neural basis of salt chemosensation in parasitic skin-penetrating nematodes”</i></p> <p style="text-align: center;">Auriana Arabpour <i>“A Novel Self-Instructing System Generates Human Germ Cells from Pluripotent Stem Cells”</i></p>
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<p style="text-align: center;"><u>Wednesday, Feb. 8th</u> Daniel Arce <i>“Architecture of RNA/Protein Complexes Regulating Pre-mRNA Splicing”</i></p> <p style="text-align: center;">Robert Jimenez <i>“Understanding the role of glucose metabolism in cell fate specification events during cortical development”</i></p>	<p style="text-align: center;"><u>Wednesday, February 22nd</u> Ryan Shih <i>Targeting membrane-bound and soluble tumor antigens with bispecific CAR-T cells in glioblastoma</i></p> <p style="text-align: center;">Howard Chen <i>UTX regulates the conversion of stem-like progenitor CD8 T cells in Type I diabetes</i></p>
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<p><u>Wednesday, March 8th</u> Pablo Alvarez <i>Probing the virus-host interactions that modulate alphavirus neuroinvasion</i></p> <p>Jack Freeland <i>Investigating Genomic Instability in Lethal Neuroendocrine Cancer (NEPC)</i></p>	<p><u>Wednesday, March 22nd</u> Breanna Walsh <i>“Elucidating the molecular and neural basis of oxygen sensation in <i>Strongyloides stercoralis</i>”</i></p> <p>Peter DePaola IV <i>“Rational Computational Design of Super-Stable Inhibitors Targeting KrasG12D Guided by Phage Display”</i></p>	<p><u>Wednesday, April 5th</u> Jessena Mil <i>“Understanding the role of glycolytic regulation in cell fate specification events during cortical development”</i></p> <p>Valentina Alonso <i>“Inflammation, NFkB, and metabolic exhaustion as determinants of B-cell production”</i></p>	<p><u>Wednesday, April 19th</u> Rohith Nagari <i>“Using chemical biology to decipher the role of cholesterol in fatty liver disease”</i></p> <p>Ryan Kan <i>“Elucidating the role of PTPRZ1 in driving Glioblastoma progression”</i></p>
<p><u>Wednesday, May 3rd</u> Jocelyn Rodriguez <i>“Investigating HSP75 Inhibition as a Therapeutic Target for Lung Squamous Carcinoma”</i></p> <p>Julia Gensheimer <i>“Effects of hematopoietic stem and progenitor cell aging on T cell development”</i></p>	<p><u>Wednesday, May 17th</u> Gabriella Rubert <i>“Identifying Transcription Factors Contributing to Nutrient-Dependent Transitions Between Feeding States in the Liver”</i></p> <p>Michael Oh <i>“Immunologic response to CCL21 dendritic cell vaccine in non-small cell lung cancer”</i></p>	<p><u>Wednesday, May 24th</u> Allison Schiffman <i>“The cis-regulatory logic of the interferon-β enhancer”</i></p> <p>Luda Lin <i>“Toward a High-throughput and High-Content 3D Cancer Organoid Screening Platform Mimicking In Vivo Tumor Microenvironment”</i></p>	