

**2023-2024 DEPARTMENT OF PHARMACOLOGY
RESEARCH DISCUSSIONS**

BIOM/PHAR 295-- Leichtag 107

TIME SLOT A -- 9:00 - 9:30 AM TIME SLOT B -- 9:30 - 10:00 AM

(20 min. presentation, 10 min. question/answer period)

For other AV needs, contact the Pharmacology Education Office at least one week prior to your presentation

ABSOLUTELY NO CHANGES WITHOUT PHARMACOLOGY EDUCATION OFFICE APPROVAL

24-Nov (Thanksgiving Holiday)				
1-Dec	A	Hangauer	Michael Wang	Cancer Persistent States as Mediators of Acquired Resistance to Immunotherapy
	B	Tukey	Xiaoqing Yang	Effects of Early Life Oral Arsenic Exposure on Intestinal Tract Development and Lipid Homeostasis in Neonatal Mice: Implications for NAFLD Development
8-Dec	A	Daneman	Ricardo Loyoza	Understanding the Blood-Nerve Barrier in Health and Disease
	B	Zhang	Anne Lyons	Tentative: Spatial Regulation of AMPK in Vascular Health: An Unexpected Activity Site
15-Dec	A	Yang	Maurish Bukhari	Role of Fibroblast Activation Protein in regulation of invadopodia mediated tumor invasion.
	B	Gutkind	Bryan Yung	The GPCR-Gαs-PKA signaling axis promotes T cell dysfunction and cancer immunotherapy failure
Jan (Winter Break)				
5-Jan	A	Gutkind	Pham Vo	TBD
	B	X. Chen/Daneman	Leigh-Ana Rossitto	Dissecting the molecular mechanism of beta hydroxybutyrate in Alzheimer's disease
12-Jan	A	Gutkind	Lauren Clubb	An Atlas of GPCR Expression in Tumor Infiltrating Immune Cells
	B	Zhang	Ryan Weeks	Novel Ras activity biosensors for live-cell pharmacology
19-Jan	A	Gonzalez	Tristan Hankard	Isolation and identification of Microproteins from Human Stool
	B	Gustafsson	Shakti Sagar	Regulation of autophagosome formation by Atg9
26-Jan	A	Taylor (S)	Hoang Nguyen	Structural Insights into the Activation Mechanism of RSK by ERK
	B	Daneman	Reid Larsen	The blood-brain barrier glycocalyx in health and neuroinflammation
2-Feb	A	Trejo	Monica Gonzalez Ramirez	PAR1 beta-arrestin biased signaling is distinctly regulated by GRK5
	B	Joiner	Joydeep De	Neurotransmitter plasticity in the circadian clock network
9-Feb	A	Dennis	Malgorzata (Gosia) Murawska	Phospholipase A2 Enzymes Exhibit Exquisite Specificity in vivo
	B	Gutkind	Farhoud Faraji, M.D., Ph.D.	[Tentative] Epigenetic basis of tumor initiation
16-Feb	A	Newton	Sarah Wolfe	PKCγ in Spinocerebellar Ataxia
	B	Gonzalez	Consuelo Saucedo	Microbiome Driven Proteolysis
23-Feb	A	Zhang	Ayse Sahan	Spatial compartmentalization of mTORC1 in the nucleus
	B	Taylor (S)	Jessica Bruystens	TBD
1-Mar	A	Gonzalez	Igor Wierzbicki	Validation of S. pneumoniae S protein as a novel therapeutics target
	B	Zhang	Qi Su	Systematic and mechanistic investigation of multivalency-driven LLPS
8-Mar	A	Taylor (S)	Caesar Tawfeeq	TBD
	B	O'Donoghue	Diego Trujillo	Proteasome Inhibitors as a Novel Drug-class for Treatment of Giardiasis
15-Mar	A	Trejo	Kanika Dhawan	Regulation of GPCR Trafficking by the alpha-arrestin ARRDC3
	B	Trejo	Norton Cheng	CYLD and USP34 distinctly regulate PAR1-stimulated p38 MAPK inflammatory signaling
22-Mar	A	Heller Brown	Olga Chaim	Leveraging Gα2 signaling to treat glioblastoma
	B	Daneman	Sean Harvey	Blood-brain barrier dysregulation in Alzheimer's disease
29-Mar (Cesar Chavez Hoilday)				
5-Apr	A	Newton	Tiffany Kao	Downregulation of PKC
	B	Zhang	Emily Pool	Aberrant Phase Separation of PKA RIβ Dementia Mutants Leads to Defective Signaling
12-Apr	A	Schoeneberg	Zachary Wang	Self-supervised deep learning uncovers the semantic landscape of drug-induced latent mitochondrial phenotypes
	B	Daneman	Audrey Miglietta	Role of the blood-brain barrier in dynamic regulation of adult neurogenesis and hippocampal function
19-Apr	A	Trejo	Mika Caplan	Coordination of GPCR-mediated Hippo pathway signaling by ARRDC3 and Src family kinases in invasive breast carcinoma
	B	Nizet	Daniel Sun	Repurposing Phosphoinositide 3-kinase Inhibitors for Bacterial Infection
26-Apr	A	Gutkind	Adam Officer	The GNAQ-p53 Signaling Axis in Uveal Melanoma
	B	Schoeneberg	Mehul Arora	TBD
3-May	A	Cheresh	Arin Nam	Tumor cell response to nutrient stress
	B	Gutkind	Thomas Hoang	Identification and characterization of metformin resistance mechanisms in oral cancer
10-May	A	Handel	Cheyenne Shinn	Exploiting the CXCR3-chemokine system for improved cancer immunotherapy through cytotoxic cell recruitment.
	B	Gonzalez	Charlie Bayne	Uncovering the Contribution of the Microbiome to Immunotherapy Response in HNSCC
17-May	A	Furnari	Clark Wang	Identifying vulnerabilities of atypical teratoid rhabdoid tumors (ATRTs)
	B	Snyder	Maya Vasisht	Network Dysfunction as a Drug Target in Cognitive Disorders
24-May	A	Newton	Anthony Rincon	Disease Mutations in PHLPP
	B	Yang	Calista Horta	A novel phosphatase in matrix stiffness-driven tumor invasion and metastasis
31-May	A	Trejo	Oye Bosompra	ARRDC3 regulates inflammatory mediator responses in invasive breast cancer
	B	Yang	Khoa Doan	Non-canonical EPHA2 signaling in mechanotransduction
7-Jun	A	Sunahara	Nicole McIntosh	Elucidating the role of the extracellular vestibule in aminergic GPCR signaling
	B	Zhang	Qian Yi Zhang	Tentative: Spatial regulation of AMPK signaling
	C	Daneman	Brooke Tran	Inflammation in the Blood-Brain Barrier
14-Jun	A	Myers	Melina Anderson Brunelli	Understanding how the O-GlcNAc transferase targets its substrates
	B	Ballatore	Darius Jordan Yohannan	Development of FTO inhibitors for the treatment of Glioblastoma Multiforme
	C	Meharena	Jeffrey Brian Keller	The Impact of CTCF Mutations on Neurodevelopment

6/7 & 6/14:

A) 9:00a

B) 9:20a

C) 9:40a