

**2024-2025 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**

27-Sep	A	Gonzalez	Concepcion Sanchez	Leveraging MS-based Proteomics for the characterization of druggable immune signaling pathways to treat bacterial infection	cgsanche@health.ucsd.edu
	B	Trejo	Lennis Orduna-Castillo	GPCR endothelial cytoprotective signaling	lordunacastillo@health.ucsd.edu
4-Oct	A	Zhang	Ha Neul (Skott) Lee	Illuminating G protein subcellular activities using novel G protein biosensors	n0lee@health.ucsd.edu
	B	Karin	Yuxiao Liu	Type I Interferon Response in MASLD and MASH	lyuxiao@health.ucsd.edu
11-Oct	A	Daneman	Benjamin Gastfriend	Cross-species analysis of endothelial and glial blood-brain barriers	bgastfriend@health.ucsd.edu
	B	Yang	Zhimin Hu	TBD	zhhu@health.ucsd.edu
18-Oct	A	Hibbs	Weronika Chojnacka	Structural insights into GABAA receptor potentiation by Quaalude.	wchojnacka@ucsd.edu
	B	Gonzalez	Joycelyn Yiu	The New Frontier: Metaproteomics as a Proxy to Monitor Health and Disease	jiyu@ucsd.edu
25-Oct	A	Gustafsson	Rishith Ravindran	Mitochondrial Contacts with Lysosomes and Aggresomes: Unveiling Their Role in Cardiomyocytes	riravindran@health.ucsd.edu
	B	McCammon	Haixin Wei	Enhance Protein Conformation Sampling with Brownian Dynamics	h9wei@ucsd.edu
1-Nov	A	Furnari	Raghav Vadla	TBD	ravadla@health.ucsd.edu
	B	Taylor (S)	Hoang Nguyen	TBD	hoangnguyen@ucsd.edu
8-Nov	A	Trejo	Julio Pimentel	GPCR - p38 signaling regulation by CYLD	jupimentel@health.ucsd.edu
	B	Yang	Jade Zhang	Regulation of EMT and invasion by epithelial polarity	jiz2022@health.ucsd.edu
15-Nov	A	Hangauer	Gus Williams	Apoptotic DNase DFFB mediates cancer persister cell adaptation to drug stress and regrowth	afwillia@health.ucsd.edu
	B	Tukey	Andre Weber	Perfluorooctanoic acid is a potent liver tumor promoter	aaweber@health.ucsd.edu
22-Nov	A	Gutkind	Elena Sofia Cardenas Alcoser	Targeting G-alpha-s/PKA pathway in Fibrous Dysplasia, the first GNAS-driven monogenetic disease	ecardenasalcoser@health.ucsd.edu
	B	Hibbs	Huanhuan Li	Muscle acetylcholine receptors in development and disease	hul044@UCSD.EDU
29-Nov (Thanksgiving Holiday)					
6-Dec	A	Zhang	Anne Lyons	Tentative: KARkey - Unlocking New Kinase Activity Reporters (KAR) Sensing Domain Designs	anlyons@ucsd.edu
	B	Kufareva	Alexis Lona	Global computational analyses of APEX proximity biotinylation data reveal distinct of chemokine receptor trafficking rules	allona@health.ucsd.edu
13-Dec	A	Gutkind	Bryan Yung	TBD	byung@health.ucsd.edu
	B	Yang	Aida Mestre Ferrera	Uncovering the Molecular regulation of Breast Cancer Metastasis Dormancy	amestreferrera@health.ucsd.edu
24-Dec - 1-Jan (Winter Break)					
3-Jan	A	Gutkind/Mesirov	Lauren Clubb	Establishing an Atlas of GPCR Expression in Tumor Infiltrating Immune Cells	lclubb@health.ucsd.edu
	B	Taylor (S)	Jessica Bruystens	TBD	jbruystens@health.ucsd.edu
10-Jan	A	Tukey	Xiaojing Yang	TBD	xjy020@health.ucsd.edu
	B	Karin	Kilian Petitjean	TBD	kpetitjean@health.ucsd.edu
17-Jan	A	Gutkind	Pham Vo	TBD	ptvo@ucsd.edu
	B	Daneman	Reid Larsen	Uncovering the molecular landscape of the blood-brain barrier glycocalyx	rlarsen@health.ucsd.edu
24-Jan	A	Taylor (S)	Nisha Jonniya	Exploring Conformational Dynamics of Protein Kinase A	njonniya@health.ucsd.edu
	B	Gonzalez	Consuelo Saucedo	TBD	csaucedo@health.ucsd.edu
31-Jan	A	Dennis	Malgorzata (Gosia) Murawska	Using Lipidomics to Identify Specific Role of Each Phospholipase in Living Macrophages	mmurawska@health.ucsd.edu
	B	O'Donoghue	Brianna Hurysz	Proteases in Reproductive Health	bhurysz@health.ucsd.edu
7-Feb	A	Zhang	Anneliese Gest	Mechanistic Investigation of sAC-Dependent PKA Activation in Mitochondrial Dysfunction	agest@health.ucsd.edu
	B	Gonzalez	Igor Wierzbicki	S protein role in S. pneumoniae proteome architecture and host immune responses	ihwierzbicki@health.ucsd.edu
14-Feb	A	Gutkind	Kuniaki Sato	Targeting YAP/TEAD as a novel therapeutic approach in head and neck squamous cell carcinoma	kusato@health.ucsd.edu
	B	Kufareva	Sofia Endzhievskaya	AI-powered discovery of pharmacological probes for orphan GPCRs	sendzhievskaya@health.ucsd.edu
21-Feb	A	Dennis	Mac (Kevin) Braza	Protein-Membrane Interactions : Molecular Dynamics of Phospholipase A2 Association with ER Membranes	mbraza@UCSD.EDU
	B	Hibbs	Jia Zhou	Structural biology of GABAA receptors purified from human brain tissue	jiz217@ucsd.edu
28-Feb	A	Zhang	Ayse Sahar	Spatial regulation of mechanistic target of rapamycin complex 1 (mTORC1)	asahan@health.ucsd.edu
	B	O'Donoghue	Diego Trujillo	TBD	dtrujill@health.ucsd.edu
7-Mar	A	Daneman	Sean Harvey	Do endothelial-endogenous lipids modulate neuroinflammation?	ssharvey@health.ucsd.edu
	B	Kufareva	Jingyi "Shirley" Xie	Advancing Connexin 40 as a therapeutic target in cardiovascular diseases: structure-function and computational pharmacology	jix064@ucsd.edu
14-Mar	A	Trejo	Norton Cheng	CYLD regulation of p38 MAPK signaling	ncheng@health.ucsd.edu
	B	Newton	Sarah Wolfe	Aberrant Protein Kinase C gamma Signaling in Cerebellar Ataxia	sawolfe@health.ucsd.edu
21-Mar	A	Gonzalez	Charlie Bayne	TBD	chbayne@health.ucsd.edu
	B	Zhang	Qian Yi Zhang	Spatiotemporal regulation of AMPK signaling	qy Zhang@health.ucsd.edu
28-Mar (Cesar Chavez Hoilday)					
4-Apr	A	Trejo	Oye Bosomp	Exploration of ARRDC3 on TNF-mediated signaling in triple negative breast cancer	n1bosomp@health.ucsd.edu
	B	Daneman	Leigh-Ana Rossitto	Loss of PKA regulatory subunits reveal opposite catalytic and metabolic consequences	leighanarossitto@gmail.com
11-Apr	A	Newton	Nileeka Balasuriya	Regulation of Akt phosphorylation by mTORC2	nweebaddage@health.ucsd.edu
	B	Myers	Melina Anderson Brunelli	Elucidating the molecular basis governing OGT substrate selection	mbrunelli@health.ucsd.edu
18-Apr	A	Trejo	Mika Caplan	ARRDC3 scaffolding function is regulated by tyrosine phosphorylation	mcaplan@health.ucsd.edu
	B	Daneman	Audrey Miglietta	Blood-brain barrier regulation of hippocampal function	amigliet@health.ucsd.edu
25-Apr	A	Zhang	Ben Li	Dynamic Visualization of JNK Activity in Living Cells	bbli@health.ucsd.edu
	B	Sunahara	Caesar Tawfeeq	Computational Analysis of GPCR Signaling Pathways	ctawfeeq@ucsd.edu
2-May	A	Yang	Khoa Doan	Non-canonical EPHA2 signaling in breast tumor mechanotransduction	kddoan@health.ucsd.edu
	B	Meharena	Jeffrey Brian Keller	TBD	jkeller@health.ucsd.edu
9-May	A	Newton	Tiffany Kao	Protein Kinase C Downregulation Mechanisms	tikao@health.ucsd.edu
	B	Sunahara	Nicole McIntosh	The vestibule in GPCRs: more than just an allosteric modulator binding site	nlm McIntosh@health.ucsd.edu
16-May	A	Yang	Calista Horta	A receptor tyrosine phosphatase in ECM stiffness-induced EMT and tumor invasion	cahorta@health.ucsd.edu
	B	Newton	Medha Sharma	Dysregulated Protein Kinase C alpha Signaling in Alzheimer's Disease	mes015@health.ucsd.edu
23-May	A	Ballatore	Darius Jordan Yohannan	TBD	dyohannan@ucsd.edu
	B	Handel/Gutkind	Cheyenne Shinn	Exploiting CXCR3-chemokines for improved cancer immunotherapy through cytotoxic cell recruitment	ckshinn@health.ucsd.edu
30-May	A	Daneman	Brooke Tran	TBD	brooketran@health.ucsd.edu
	B	Newton	Anthony Rincon	De novo Mutations in PHLPP	parincon@health.ucsd.edu
6-Jun	A	Hibbs	Alyssa Marinas	Discovery and mechanism of new general anesthetics	amarinas@ucsd.edu
	B	Mendiola	Alexander Silva	Mapping the Microglial Oxidative Stress Epigenome to Uncover Redox Regulators in Neurological Diseases	a9silva@health.ucsd.edu
13-Jun	C	Yang	Skylar Batty	A novel mechanosensitive protein complex in breast tumor metastasis	sbatty@health.ucsd.edu
	A	Mendiola	Nyssa Williams	Neurovascular mechanisms of dysfunctional microglia lipid metabolism in neurodegeneration	n5williams@health.ucsd.edu
	B	Gutkind	Ning Kuo	The XCR1-Gai chemokine axis and anti-PD-1 efficacy in oral cancer	n3kuo@health.ucsd.edu
	C	O'Donoghue/ Chavez	Andrea Pence	Therapeutic Protease Engineering	apence@health.ucsd.edu

Presenter Reminder- 2024-2025 Pharmacology Research Discussions

Leichtag 107 (In Person)

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presenters!