

RESEARCH DISCUSSIONS / 2016-17
BIOM/PHAR 295
DEPARTMENT OF PHARMACOLOGY
LEICHTAG 107, FRIDAYS

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
Refreshments served at 8:45 AM

ABSOLUTELY NO CHANGES WITHOUT PHARMACOLOGY EDUCATION OFFICE APPROVAL

23-Sep	A	Dixon	Adam Pollak	A Luminal Kinase Regulates Sarcoplasmic Reticulum Calcium Cycling
23-Sep	B	Gutkind	Zhiyong Wang	mTOR-ERK Co-targeting Strategies for Cancer Therapy
30-Sep	A	McCammon	Yinglong Miao	Computer-Aided Drug Discovery of a Muscarinic G-Protein-Coupled Receptor
30-Sep	B	Zhang	Xin Zhou	Illuminating Spatiotemporal Regulation of Akt/mTOR Signaling in Live Cells
7-Oct	A	Yang	Youya Nakazawa	Periostin governs chemotherapy resistance in breast cancer via modulating mesenchymal cancer cells
7-Oct	B	Karin	Jerry Wong	RIPK1-dependent apoptosis mediates mucosal erosion in inflammatory bowel disease
14-Oct	A	Dennis	Varnavas Mouchlis	Experimental and Computational Approaches Reveal Unique Interactions of Phospholipase A2 with Membranes, Substrates and Inhibitors
14-Oct	B	Sunahara	Joey Nichols	Cocaine Esterase: A Pharmacokinetic Approach For Treating Cocaine Addiction
21-Oct	A	Gustafsson	Alexandra Myozis	MCL-1 Regulates Mitochondrial Dynamics and Mitophagy
21-Oct	B	Reya	Nikki Lytle	Stem cell signals drive therapy resistance in pancreatic cancer
28-Oct	A	Brown	Olivia Yu	GPCR and RhoA mediated transcriptional regulation
28-Oct	B	S. Taylor	Ronit Ilouz	Subcellular Localization and Functional Characterization of cAMP-dependent Protein Kinase A Isoforms: Painting Specificity by Mosaic Brain Mapping
4-Nov	A	Newton	Ksenya Cohen-Katsenelson	Inflammatory gene regulation by the tumor suppressor phosphatase PHLPP1
4-Nov	B	Sunahara	Nico Villanueva	Structural Approaches to Elucidate the Mechanism of G Protein Activation
11/11/2016 Veterans Day				
18-Nov	A	Reya	Ray Fox	Malignant progression of pancreatic adenocarcinoma is critically dependent on Musashi
18-Nov	B	Dixon	Sourav Banerjee	Targeting Dual Specificity Tyrosine-phosphorylation-regulated Kinase 2 (DYRK2) in 26S Proteasome Dependent Neoplastic Malignancies
11/25/2016 Thanksgiving Holiday				
2-Dec	A	Gustafsson	Babette Hammerling	A Rab5 Endosomal Pathway Mediates Parkin-dependent Mitochondrial Clearance
2-Dec	B	Chun	Suzanne Rohrback	Single cell sequencing identifies mosaic copy number variations in the developing cortex
9-Dec	A	S. Taylor	Mira Sastri	Surviving Death: Dissecting the role of A Kinase Interacting Protein1 (AKIP1) in cancer cells
9-Dec	B	McCammon	Giulia Palermo	Unravelling the mechanistic function of the CRISPR/Cas9 system via computational methods
16-Dec	A	Daneman	Marie Blanchette	Regional heterogeneity of the blood-brain barrier
16-Dec	B	Zhang	Sohum Mehta	Single-color fluorescent biosensors for multiplexed enzyme activity imaging
12/23/2016 - 1/3/2017 New Year Holidays				
6-Jan	A	Guan	Zhipeng Meng	Identification of a new mechano-sensor that regulates the Hippo-YAP signaling
6-Jan	B	Karin	Weihua Li & Shabnam S	Potential of the Cancer Immunotherapy with low dose chemotherapy
13-Jan	A	Gonzalez	John Lapek	Proteomics of Host-Pathogen Interactions
13-Jan	B	Trejo	Neil Grimsey	Atypical regulation of GPCR signaling
20-Jan	A	Insel	Krishna Sriram	GPCRs in cancer: What can public databases tell us?
20-Jan	B	McCammon	Alisha Caliman	targeting the first sphingosine-1-phosphate receptor using computational methods
27-Jan	A	Brown	Cameron Brand	RhoA Regulation of Drp1 in Cardiac Mitochondrial Fission
27-Jan	B	Gutkind	Juan Callejas Valera	mTOR inhibition prevents rapid-onset of carcinogen-induced malignancies in a novel inducible HPV-16 E6/E7 mouse model
3-Feb	A	Joiner	Meilin Wu	Regulation of Nicotinic Acetylcholine Receptors by Ly6h
3-Feb	B	S. Taylor	Phillip Aoto	Targeting the dynamic conformational landscape of the oncoprotein DNAJ-PKAC
10-Feb	A	Zhang	Gary Mo	Genetically Encoded Fluorescent Biosensors for Visualizing Live-Cell Biochemical Activity at Superresolution
10-Feb	B	Yang	Lindy Jiang	Fibroblast Activation Protein regulates invadopodia function and metastasis
17-Feb	A	Gustafsson	Sarah Shires	Novel Roles of Parkin in the Cardiac Stress Response
17-Feb	B	Jain	Aitor Aguirre	Metabolic signaling in cancer

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24-Feb	A	Trejo	Wen-An Pan	Examining the role of the tumor suppressor ARRDC3 in GPCR-mediated breast cancer progression
24-Feb	B	Karin	Debanjan Dhar	Mechanisms of Liver Cancer Initiation
3-Mar	A	Insel	Alexander Michkov	GPCRomic Analysis of Human Lung Fibroblasts
3-Mar	B	Karin	Juyoun Kim	Role of Caspase2 in de novo Lipogenesis and NASH progression in the Liver upon Hypernutrition
10-Mar	A	Brown	Takeshi Suetomi	Role of cardiomyocyte CaMKIIdelta in inflammation and fibrosis leading to pathological cardiac remodeling
10-Mar	B	Gonzalez	Robert Mills	Advancing multi -omic analysis for the stratification and etiology of IBD
17-Mar	A	Sunahara	Brent Lyda	Metals and GPCR allostery
17-Mar	B	P. Taylor	Gisela Andrea Camacho	Insights into nicotinic acetylcholine receptor recognition from crystallographic studies on a unique family of synthesised ligands
24-Mar	A	Newton	Julia Callendar	Deregulation of Protein Kinase C Activity in Alzheimer's Disease
24-Mar	B	Insel	Matthew Gorr	GPCRs and Pulmonary Arterial Hypertension
March 31 Cesar Chavez Holiday				
7-Apr	A	Handel	Yi Zheng	Structural basis of orthosteric and allosteric inhibition of chemokine receptors
7-Apr	B	Trejo	Cara Rada	Thrombin-induced p38, MK2 and HSP27 signaling cascade in endothelial barrier permeability
14-Apr	A	Insel	Amy Chinn	GPCR Signaling in Dendritic Cells
14-Apr	B	Nizet	Tamara Escajadillo	Novel biomimetic nanoparticle strategies for treatment of invasive bacterial infections
21-Apr	A	Yang	Hannah Majeski	The Role of Tyk2 in Matrix Stiffness-driven EMT and Metastasis
21-Apr	B	P. Taylor	Bill Hou	Mechanistic insights into reactivation of organophosphate-conjugated acetylcholinesterases by antidotes
28-Apr	A	Joiner	Lawrence Kendall Satterfield	Behavioral Genetics and Neurobiology of Sleep Homeostasis in Drosophila
28-Apr	B	Jain	Valerie Sapp	Understanding the Metabolic Underpinnings of Extrinsic Proteotoxicity
5-May	A	Tukey	Eva Rettenmeier	The role of NCoR1 in controlling intestinal homeostasis
5-May	B	Brown	Andrew Willeford	The role of cardiomyocyte CaMKIId in angiotensin II-induced cardiac inflammation and fibrosis
12-May	A	Daneman	Rob Pulido	Dynamic Regulation of the Blood-Brain Barrier by Neural Activity
12-May	B	Newton	Tim Baffi	mTORC2 Chaperone Function Regulates the Folding and Activity of Protein Kinase C
19-May	A	Reya	Kyle Spinler	Image based approaches to understanding therapy resistance in myeloid leukemia
19-May	B	Rao	Joyce Chen	Role of Transcription Factors in T cell exhaustion
26-May	A	S. Taylor	Tsan-Wen Lu	Fusion Protein DNAJB1-PRKACA as a Cancer Driver
26-May	B	Chun	Nicole Stoddard	LPA-induced hydrocephalus: mechanism-driven therapeutic directions
2-Jun	A	Tukey	Miles Paszek	Car Activation in Response to TPP Fire Retardant Exposure in hUGT1 Neonatal Mice
2-Jun	B	Newton	Agnes Grzechnik	Epigenetic Function of the Tumor Suppressor Phosphatase, PHLPP
9-Jun	A	Trejo	Aleena Arakaki	Examining the role of ARRDC3 in the regulation of PAR1 signaling and trafficking in invasive breast carcinoma
9-Jun	B	Gustafsson	Mark Lampert	Beclin1 regulates the endosomal degradation pathway
9-Jun	C	Daneman	Cayce Dorrier	Pericyte Signaling to Regulate Blood-Brain Barrier Integrity
16-Jun	A	Gonzalez	Jacob Wozniak	Mapping the Host-Pathogen Spatiotemporal Interactome
16-Jun	B	Guan	Vivian Fu	Nutrient Regulation of Rag GTPase Localization
16-Jun	C	Gutkind	Dana Steffen	GNAS-PKA Oncosignaling Network in Colon Cancer