Graduate Department of Pharmaceutical Sciences

To: All students and supervisors of the MPPK streams
Re: Molecular Pharmacology and Pharmacokinetics
Group Time: Mondays at least once in each month (see Table below)
Place: Room 850, Leslie Dan Faculty of Pharmacy

Date/Time	Speakers	Chairs	Title
Oct 19, 2015 **11:00-12:30pm**	1. Adil Rasheed 2. Luke Kwon	Catherine Chui Noor Al-Saden	1. Liver X Receptors are Required for Proper Endothelial Progenitor Cell Formation and Function with Western Diet Feeding 2. MicroPET/CT Imaging of Co-expressed EGFR and HER2 in Breast Cancer Tumour Xenografts in Mice using Bispecific Radioimmunoconjugates (bsRICs)
Nov. 9, 2015 **11:00-12:30 pm**	1. Simmyung Yook 2. Mays Alwash	Walaa Abualsunun Lilia Magomedova	1. 177Lu-labeled and panitumumab modified gold nanoparticles for the treatment of locally advanced breast cancer. 2. A new technology for signal amplification and biomarker discovery.
Dec. 7, 2015 **11:00-12:30 pm**	1. Karen Lam 2. Catherine Chiu 3. Holly Quach	Cigdem Sahin Jeehye Choi Najwa Nadar	1. 177Lu-labeled and panitumumab modified gold nanoparticles for the treatment of locally advanced breast cancer. 2. Characterizing SAPCD2, a negative regulator of mitotic spindle orientation 3. Vitamin D deficiency and hypercholesterolemia: Role of the VDR in cyp7A1 activation and cholesterol lowering.
Jan. 18, 2016 **11:00 to 12:30 pm**	1. Sadaf Aghevlian 2. Camille Alam	Adil Rasheed Paola Bukuroshi	1. Panitumumab modified with metal chelating polymers for dual labeling with 111In and 177Lu as a potential theranostic for pancreatic cancer. 2. Characterizing folate (vitamin B9) transport at the blood-brain barrier.
Feb. 8 2016 **11:00 to 12:30 pm**	1. Nishani Rajakulendran 2. Noor Al-Saden 3. Emma Zilberman 4. Vanessa Prozzo	Benson Hao Amila Omeragic Anthony Ku Navaz Karimian Pour	1. Wnt Signaling regulates self-renewal in a defined subset of Glioblastoma Multiforme 2. Development and characterization of T-DMI imaging probe for breast cancer 3. The role of Arglu1 in modulating glucocorticoid receptor-directed alternative splicing 4. Development of a radiopharmaceutical kit for 111In-DzDTPA-trastuzumab-NLS
March 14, 2016 **11:00 to 12:30 pm**	1. Joy Yang 2. Zach Steinhart 3. Amy Boyle	Luke Kwon Karen Lam Mays Alwash	1. Pharmacokinetic-pharmacodynamic modeling of 1,25-dihydroxyvitamin D3 and an improved transdermal delivery system. 2. A genome-wide CRISPR/Cas9 knockout screen reveals frizzled S as a therapeutic target in pancreatic ductal adenocarcinoma. 3. Enhancement of radioimmunotherapy with 64Cu-labeled
March 28, 2016 **11:00 to 12:30 pm**	1. Paola Bukuroshi 2. Sana-Kay Whyte 3. Russell Shen	Holly Quach Simmyong Yook Sadaf Aghevlian	1. Role of the vitamin D receptor activation in the brain in the context of Alzheimer's disease. 2. Nuclear receptor-mediated regulation of ABC transporters in the testes 3. Pharmacokinetics and toxicity of carboplatin-olapanib formulation by sustained intraperitoneal delivery.
April 18, 2016 **11:00 to 12:30 pm**	1. Monika Mis 2. Najwa Najjar 3. Benson Peng 4. Jeehye Choi	Camille Alam Dea Kojovic Vanessa Prozzo Amy Boyle	1. A genome-wide CRISPR/Cas9 screen identifies importin b11 as a required gene for wnt/bcatenin signaling. 2. The Effect of Dietary L-Arginine on Malaria-Induced Changes in Transporters in a Placental Malaria Murine Model 3. Defining 1a,25-Dihydroxylvitamin D_3 Therapeutic Potential with the Guinea Pig 4. Engineering recombinant Lactococcus lactis for the development of bio-therapeutics.
May 16, 2016 **11:00 to 12:30 pm**	1. Anthony Ku 2. Navaz Karimian Pour 3. Amila Omeragic	Nishani Rajakulendran Zach Steinhart Emma Zilberman	1. 99mTc radiolabel anti-FZD fab in SPECT imaging of pancreatic cancer. 2. Impact of inflammation on the pharmacokinetics of anti-retroviral drugs in pregnancy. 3. Peroxisome-proliferator receptors: Potential novel targets for treatment of HIV-1 associated brain inflammation.
June 6, 2016 **11:00 to 12:30 pm** **Room 1210**	1. Walaa Abualsunun 2. Cigdem Sahin 3. Dea Kojovic	Russell Shen Sana-Kay Whyte Monika Mis	1. Regulation of hepatic transporters during inflammation: involvement of NF-kB and PXR 2. Novel PPAR agonists to treat metabolic diseases and Alzheimer's disease 3. Maternal inflammation impacts drug transporters in placenta.