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

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Speakers</th>
<th>Chairs</th>
<th>Title</th>
</tr>
</thead>
</table>
| Oct 19, 2015       | 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       | 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. 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      | 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        | 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 Argul1 in modulating glucocorticoid receptor-directed alternative splicing  
                      4. Development of a radiopharmaceutical kit for 111In-DzDTPA-trastuzumab-NLS |
| March 14, 2016     | 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 5 as a therapeutic target in pancreatic ductal adenocarcinoma.  
                      3. Enhancement of radioimmunotherapy with 64Cu-labeled |
| March 28, 2016     | 1. Paola Bukuroshi  
                      2. Sana-Kay Whyte  
                      3. Russell Shen                | Holly Quach  
                      Simmyung 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-dapabulin formulation by sustained intraperitoneal delivery. |
| April 18, 2016     | 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/beta-catenin signaling.  
                      2. The Effect of Dietary L-Arginine on Malaria-Induced Changes in Transporters in a Placental Malaria Murine Model  
                      3. Defining 1a,25-Dihydroxyvitamin D$_3$ Therapeutic Potential with the Guinea Pig  
                      4. Engineering recombinant Lactococcus lactis for the development of bio-therapeutics. |
| May 16, 2016       | 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 antiretroviral drugs in pregnancy.  
| June 6, 2016       | 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  