

2021 Pathology Retreat Schedule Wednesday, May 26, 2021 Virtual: Zoom & Gather Town

*Keynote Speaker: Translating Microbiota Research into Therapies 12:00-1:00 pm for Liver Disease Bernd Schnabl, MD Drs. Duncan & Michalopoulos 1:30 pm **Opening Remarks** Session 1: Graduate Student Basic Research (Moderator: Andrea Cruz) Faculty Presentation: Protagonist or ANT-agonist: The Role of Adenine 1:35 pm - 1:55 pm Corrine Kliment, PhD Nucleotide Translocase (ANT) in Lung Disease Compensatory hepatic adaptation accompanies **Trainee Presentation** permanent absence of intrahepatic biliary 1:55 pm - 2:05 pm Laura Molina, PhD network due to YAP1 loss in liver progenitors H3K4 di-methylation controls smooth muscle cell **Trainee Presentation** epigenetic memory, lineage identity and vascular 2:05 pm - 2:15 pm Mingjun Liu homeostasis Trainee Presentation Loss of PINK1 Causes Dendritic Simplification and 2:15 pm - 2:25 pm Spine Loss in vitro and in vivo **Anthony Otero** Session 2: Post-Graduate Basic Research (Moderator: Rithika Behera) **Faculty Presentation** The many ways a liver repairs: Prometheus 2:30 pm - 2:50 pm Satdarshan (Paul) Monga, MD needed them all! CD4+ T cell depletion in SIV-infected African Trainee Presentation Green Monkeys does not alter disease 2:50 pm - 3:00 pm Quintin Le Hingrat, PhD progression Trainee Presentation iNOS regulates intestinal stem cell regeneration 3:00 pm - 3:10 pm after radiation injury Guangyi Zhao, PhD Gene Regulatory Network Directed Development **Trainee Presentation** and Vascularization of Human iPSC Derived 3:10 pm - 3:20 pm Jeremy Velazquez Multilineage Liver Organoids Session 3: Post-Graduate Clinical Research (Moderator: Marie DeFrances, MD, PhD) **Faculty Presentation** Reimagining dermatopathology education. From 3:30 pm - 3:50 pm the beginning. Jonhan Ho, MD **Trainee Presentation** Risk stratification of pediatric heart transplant 3:50 pm - 4:00 pmMitchell Ellison, PhD patients based on HLA molecular mismatch Role of Hexokinase-1 and LAMP-1 Trainee Presentation Immunohistochemistry to Differentiate 4:00 pm - 4:10 pm Oncocytoma and Chromophobe Renal Cell Swati Satturwar, MD Carcinoma from other Renal Neoplasms Co-Expression of TIM-3, Gal-9, and PD-L1 in **Trainee Presentation** Uterine Carcinosarcomas and the Potential 4:10 pm - 4:20 pm Terri Jones, MD Therapeutic Implications **Poster Session** Gather.Town < URL Coming> 5:00 pm - 7:00 pm

*Keynote Speaker Presentation: This activity is approved for AMA PRA Category 1 Credit™.

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Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by emailing Kate McMahon at kamps56@pitt.edu OR Amanda Bytzura at bytzuraam@upmc.edu.

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