



Rustbelt Investigators for the Next Generation (RING) Research Retreat

Please join us to hear about the exciting research that our talented RING undergraduate students have conducted over the summer.

The retreat will be held in person in BST E1095 at the University of Pittsburgh School of Medicine on **Tuesday July 30, 2024**

Time	Presenter	Title
10:30-10:35 am	Nicolas Sluis-Cremer	Introduction
10:35-10:50am	Alondra Martínez Martínez	Evaluating safety of a novel vaginal ring for prevention of HIV and pregnancy: Impact on the vaginal microbiome
10:50-11:05am	Roberto M. Vaquero Orellano	Characterizing the neovaginal microbiome and microenvironment after gender affirming vaginoplasty
11:05-11:20am	Zoamy N. Soto Ramírez	The role of CMV in early senescence and HIV
11:20-11:35am	Paola C. Rodríguez Nieves	Differential responsiveness to TCR and IL-15 stimulation by CD101+ and CD101- CD57+ CD8 T cells in people with and without HIV.
11:35-11:50am	Angélica Isabel Cajina Rodríguez	A flow cytometry based proliferation assay to assess COVID vaccine induced T-cell responses in the setting of HIV infection
11:50-12:50pm	Lunch	
12:50-1:05pm	Adriana C. Barreiro Rosario	Associations between cannabis and/or stimulant use and neurocognitive function in people living with HIV
1:05-1:20pm	Andrea Acevedo Bado	Statins and HIV-1 <i>nef</i> -mediated down-regulation of CD4 expression on T cells
1:20-1:35pm	Adrian Rodriguez	Investigating HIV latency reversal through Tat mRNA transfection and cell surface proteomic analysis of latently infected primary T cells
1:35-1:50pm	Nathalia Chaparro Cáceres	Prostate specific antigen as an HIV-associated inflammatory marker
1:50-2:05pm	Vianney Ojeda-Perez	The gut-brain axis: Contribution of bacterial metabolites to neurodegeneration
2:05-2:10pm	Alan Levine	Closing comments