

Genome Stability Program
Virtual mini retreat
Monday, August 17, 2020 9:00 AM – 1:00 PM

featuring keynote speaker:



Simon Boulton, PhD

Honorary Professor, University College London
The Francis Crick Institute, DSB Repair Metabolism Laboratory

“Chromosome end protection in stem cells and KSHV roles in ALT”

Via ZOOM: Join Zoom Meeting <https://pitt.zoom.us/j/96777995248>

Meeting ID: 967 7799 5248 Password: PITTGSP

9:00-10:00 AM	Simon Bolton, PhD	<i>Chromosome end protection in stem cells and KSHV roles in ALT</i>
10:10-10:30 AM	Nicole Kaminski, PhD Candidate, O’Sullivan Lab Molecular Pharmacology	<i>A novel role of HIRA in the alternative lengthening of telomeres pathway</i>
10:30-10:50 AM	Samantha Sanford, PhD Candidate, Opresko lab, Infectious Disease & Microbiology	<i>Mechanisms of telomerase inhibition by therapeutic dNTPs</i>
10:50-11:10 AM	Namrata Kumar, PhD Candidate, Van Houten Lab Molecular Genetics & Developmental Biology	<i>UV-damaged DNA binding protein (UV-DDB) stimulates the global genome repair of 8-oxoguanine through the recruitment of XPC and OGG1.</i>
11:10-11:30 AM	Braulio Bonilla, PhD Candidate, Bernstein lab Molecular Pharmacology	<i>The yeast Shu complex promotes error-free tolerance of alkylation DNA damage</i>
11:30-11:40 AM		Break
11:40 AM- 12:00 PM	Dayana Rivadeneira, PhD, Delgoffe lab, Immunology	<i>Metabolic pressures in the tumor microenvironment and their influence on T cell motility</i>
12:00- 12:20 PM	Shruthi Hamsanathan, PhD, Gurkar lab, Aging Institute	<i>DNA damage driven metabolic shift as a mediator of aging</i>
12:20- 12:40 PM	John Skoko, PhD Research Instructor Neumann lab, MWRI	<i>Loss of peroxiredoxin1 function decreases homologous recombination through oxidation of a critical cysteine residue in RAD51</i>
12:40- 1:00 PM	Marilyna Raices, PhD Yanowitz lab, MWRI	<i>Characterization of the meiotic DNA double-strand break pathway</i>

Retreat coordinators: Dr. Ryan Barnes (Opresko lab) and Nicole Kaminski (O’Sullivan lab)

Hosts: Drs. Patricia Opresko & Ben Van Houten