

Genome Stability Program
Virtual mini-retreat
Tuesday, June 22nd, 2021 9:00 AM – 2:00 PM
featuring keynote speaker:



Graham Walker, PhD

American Cancer Society Professor & HHMI Professor
Massachusetts Institute of Technology, Department of Biology

*“Unravelling Mutagenic Translesion Synthesis:
A Journey from the Ames Test to Cancer Chemotherapy”*

Via ZOOM: Join Zoom Meeting <https://pitt.zoom.us/j/99199832985>
Meeting ID: **991 9983 2985** Password: **574050**

9:00-9:10 AM	Mariarosaria De Rosa, PhD (Opresko Lab) and Kaylee Ermine (Zhang Lab)	Welcome
9:10-9:30 AM	Ryan Barnes, PhD, Opresko Lab, Environmental & Occupational Health	Telomeric 8-oxoguanine Drives Premature Senescence Independent of Telomere Shortening
9:30-9:50 AM	Thong Luong, Graduate Student, Bernstein Lab, Pharmacology & Chemical Biology	Regulation of the RECQL4 family during the DNA Damage Response
9:50-10:10 AM	Denise Risnik, PhD, Zhang Lab, Pharmacology & Chemical Biology	Chemoimmunotherapy-induced immunogenic cell death in colorectal cancer
10:10-10:30 AM	Namrata Kumar, Graduate Student, Van Houten Lab, Pharmacology & Chemical Biology	Global and transcription-coupled repair of 8-oxoG is initiated by nucleotide excision repair proteins
10:30-10:50 AM		Break
10:50- 11:10 AM	Raquel Buj-Gomez, PhD, Aird Lab, Pharmacology & Chemical Biology	The surprising new roles of p16
11:10- 11:30 PM	Megan Mahlke, PhD, Nechimia- Arbely Lab Pharmacology & Chemical Biology	Human centromeres drift through cellular proliferation
11:30- 11:50 PM	Sarah R. Hengel, PhD, Bernstein Lab, Pharmacology & Chemical Biology	RAD51 paralog containing complex SWSAP1-SWS1 stimulates D-loop formation with physiologically relevant substrate RPA coated ssDNA
11:50- 12:10 PM	Angela Hinchie, Graduate Student, Alder Lab, Department of Medicine	Telomere dysfunction, independent of length, is sufficient to cause disease in humans
12:10-12:30 PM		Break
12:30-1:30 PM	Graham Walker, PhD Keynote Speaker	Unravelling Mutagenic Translesion Synthesis: A Journey from the Ames Test to Cancer Chemotherapy
1:30- 2:30 PM	GSP Trainees	Q&A with Dr. Graham Walker

Retreat coordinators: Dr. Mariarosaria De Rosa (Opresko lab) and Kaylee Ermine (Zhang lab)

Hosts: Drs. Patricia Opresko & Ben Van Houten