

UPMC Hillman Cancer Center Genome Stability Program  
Mini-Symposium

Thursday April 4, 2019 1:30 – 5 p.m. BST S100A

Dr. Sarah Hengel (Dr. Kara Bernstein Lab) and Namrata Kumar (Dr. Ben Van Houten lab), Co-chairs

**12:00 noon Keynote Lecture - S100A BST:**

**Alan Tomkinson, PhD**

Professor, Division of Molecular Medicine, University of New Mexico  
Department of Internal Medicine



***“Human DNA ligases; from mechanism to potential therapeutic targets”***

*(Hosts: Drs. Patty Opresko and Ben Van Houten)*

1:30-1:50 PM

***“p53 signaling and cell identity”***

Jacob-Stewart Ornstein, PhD, Assistant Professor  
Department of Computational and Systems Biology

1:55-2:15 PM

***“Why CD8+ T cells Proliferate every 6 hours?”***

Norie Suganti (Chiba), PhD (Bakkenist Lab)  
Department of Radiation Oncology

2:20-2:40 PM

***“Uncovering how RAD51C mutations contribute to cancer predisposition”***

Meghan Sullivan, PhD (Bernstein lab)  
Department of Microbiology and Molecular Genetics

2:45-3:05 PM

***“Single molecule analysis reveals that XPA binds and bends DNA as a monomer, exhibiting episodic motion on DNA”***

Emily Beckwitt, PhD Candidate (Van Houten Lab)  
Department of Medicine-Pharmacology and Chemical Biology

3:05-3:20 PM

*Break*

3:25-3:45 PM

***“Guarding the genome: maintaining epigenetically defined human centromeres through error correction”***

Yael Nechemia -Arbely, PhD, Assistant Professor  
Department of Medicine-Pharmacology and Chemical Biology

3:50-4:10 PM

***“Targeted production of telomeric 8-oxoguanine induces senescence in normal human fibroblasts”***

Ryan Barnes, PhD (Opresko lab)  
Department of Environmental and Occupational Health, Graduate School of Public Health

4:15-4:35 PM

***“Control of telomeric homology directed repair by Poly ADP-Ribose metabolism”***

Song-My Hoang, PhD Candidate (O’Sullivan Lab)  
Department of Medicine-Pharmacology and Chemical Biology