



# “Genome Instability and Immune Responses to Cancer”

November 10, 2025  
12:00-5:00 pm

Glen Gaulton Auditorium, BRB II/III



**12:00-12:30 pm**      **Registration, BRB Lobby**

**12:30-12:35 pm**      **Introduction by Roger A. Greenberg, MD, PhD**  
J. Samuel Staub, MD, Professor of Cancer Biology  
Director, Penn Center for Genome Integrity (PCGI)

**12:35-12:40 pm**      **Introduction by Session Chair, Sunny Shin, PhD**  
Professor of Microbiology  
Core Faculty Member, Penn Center for Genome Integrity (PCGI)  
University of Pennsylvania Perelman School of Medicine

**12:40-1:20 pm**      **Keynote Address: Douglas R. Green, PhD**  
Member, St. Jude Faculty  
Co-Leader, Cancer Biology Program  
Peter C. Doherty Endowed Chair of Immunology

*“Near death experiences in cancer cells: Paradigm shifts in apoptosis”*

**1:20-1:50 pm**      **Malay Haldar, MBBS, PhD**  
Associate Professor of Pathology and Laboratory Medicine  
Core Faculty Member, Penn Center for Genome Integrity (PCGI)  
University of Pennsylvania Perelman School of Medicine

*“The impact of interferons on intratumoral dendritic cells”*

**1:50-2:10 pm**      **Markus T. Sprenger**  
3rd Year PhD Graduate Student, MS Med Phys, Laboratory of Dr. Dennis Discher  
Bioengineering, Chemical and Biomolecular Engineering  
University of Pennsylvania School of Engineering

*“3D matrix stiffness induces heritable changes in chromosome numbers”*

**2:10-2:40 pm**      **Roger A. Greenberg, MD, PhD**  
J. Samuel Staub, MD, Professor of Cancer Biology  
Director, Penn Center for Genome Integrity (PCGI)  
Director of Basic Science, Bassett Center for BRCA  
University of Pennsylvania Perelman School of Medicine

*“Molecular patterns that link DNA damage to Immune responses”*

**Program continued on the next page**



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## Program, continued:

2:40-3:15 pm

**Coffee Break, BRB Lobby**

3:15-3:20 pm

**Introduction by Session Chair Ben E. Black, PhD**

Eldridge Reeves Johnson Foundation Professor,  
Department of Biochemistry and Biophysics  
Co-Director, Penn Center for Genome Integrity  
Co-Director, Structural Biology and Molecular Biophysics Training Program  
University of Pennsylvania Perelman School of Medicine

3:20-4:00 pm

**Keynote Address: Karlene Cimprich, PhD**

Professor of Chemical and Systems Biology  
Stanford University School of Medicine

*“R-Loops and RNA-DNA Hybrids as a Source of Genome Instability & Innate Immune Activation”*

4:00-4:20 pm

**Yung-Chi Lan**

Graduate Student, Lampson Laboratory, Department of Biology  
University of Pennsylvania School of Arts & Sciences

*“Manipulating the cell cycle with conditional localization pharmacology reveals spindle dynamics in late mitosis”*

4:20-5:00 pm

**Keynote Address: Tarun Kapoor, PhD**

Pels Family Professor,  
Biochemistry, Biophysics, Chemical Biology, and Structural Biology,  
The Rockefeller University

*“Using chemical genetics to examine links between nuclear envelope dynamics and genome stability”*

5:00 pm

**Reception, BRB II/III Lobby**