

"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

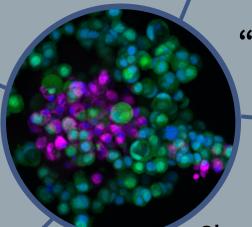
"3D matrix stiffness induces heritable changes in chromosome numbers"

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, Basser 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



"Genome Instability and Immune Responses to Cancer"

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

Glen Gaulton Auditorium, BRB II/III

## 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