

The Chemical Biology Discussion Group End-of-Year Symposium

May 21, 2026

Presented by: The Chemical Biology Discussion Group
of The New York Academy of Sciences
and New York University (NYU) Department of Chemistry

Venue: NYU Silver Center for Arts and Science
32 Waverly Place, New York, NY 10003

May 21, 2026

12:00 PM Check-in

SESSION I: WELCOME & OPENING KEYNOTE

Chairperson: Tania Lupoli, PhD, New York University

12:30 PM Welcome Remarks

Cassie Chartier, PhD, The New York Academy of Sciences

Tania Lupoli, PhD, New York University

12:45 PM Opening Keynote Presentation: Engineering Translation for Chemistry, Biology, and Medicine

Alanna Schepartz, PhD, University of California, Berkeley

SESSION II: SHORT TALKS SELECTED FROM SUBMITTED ABSTRACTS

Chairperson: Katya Vinogradova, PhD, The Rockefeller University

1:25 PM Mapping Sub-Condensate Chemical Landscapes via Fluorescence Lifetime Imaging
Moeka Sasazawa, New York University

1:35 PM A Structure-Guided Strategy Reveals a Cryptic Allosteric Switch in BCL-XL
Oi Wei Mak, PhD, Albert Einstein College of Medicine

1:45 PM Discovery of a New RNA Modification Triggering Cellular Translational Stress via Chemical Biology Approaches
Anna Knoerlein, PhD, Memorial Sloan Kettering Cancer Center

1:55 PM Networking Break

SESSION III: FLASH/SHORT TALKS (continued) & CLOSING KEYNOTE

Chairperson: Yael David, PhD, Memorial Sloan Kettering Cancer Center

2:30 PM Substrate-Derived Peptides for Selective Covalent Inhibition of Protein Tyrosine Kinases
Minhee Lee, Columbia University

2:32 PM Development of Crosslinked Helix Dimer Protein Degraders
Joseph Ongkingco, New York University

- 2:34 PM** **Towards the AI-Guided Development of Novel Living-Yeast Biosensors: a Platform for the Prediction, High-throughput Synthesis, and Screening of Novel G-Protein Coupled Receptors**
Adriana Di Nanni, PhD, Columbia University
- 2:36 PM** **Autophagy–lysosome targeting heterobifunctional chimeras as therapeutic approaches**
Xiaoqing Han, PhD, Merck
- 2:38 PM** **Inhibiting the Folding Activity of Human Hsp70s with Selective Peptidomimetics**
Gideon Yawson, New York University
- 2:40 PM** **Development of Minimalistic Radical-Trapping Probes for Labeling Protein Thiyl Radicals**
Ruocheng Yu, PhD, Harvard University
- 2:50 PM** **Kinetic Selectivity of Kinase Inhibitors**
Madeeha Ali, PhD, Stony Brook University
- 3:00 PM** **Elucidation of the mechanism-of-action of empirically-isolated, breakthrough folding-corrector drugs via cryo-EM reconstruction of protein folding intermediates**
Andrew Paige, Columbia University
- 3:10 PM** **Closing Keynote Presentation: Epigenetics and DNA Damage**
Thomas Paul, PhD, Pfizer
- 3:50 PM** **Poster Session and Networking Reception**
- 4:55 PM** **Outstanding Poster Presentation Awards**
- 5:10 PM** **Conference Ends**