

# ASRC & The City College of New York

## Seminar in Biochemistry, Biophysics & Biodesign - Fall 2023

Speakers will be via Zoom or in-person as noted

Wednesdays at 12:00 Noon

The ASRC Main Auditorium will be open for both Zoom-only and in-person seminars. For non-CUNY attendees: advance registration is required; please contact Hyacinth Camillieri at [hcamillieri@gc.cuny.edu](mailto:hcamillieri@gc.cuny.edu) for entry to the ASRC no later than 2 days prior to the seminar you are attending.

DATE	SPEAKER	AFFILIATION	ZOOM / IN-PERSON	TITLE
9/6	* * * CANCELED * * *			* * * CANCELED * * *
9/13	<b>Geraldine Seydoux</b> Professor of Genetic Medicine, and of Molecular Biology and Genetics	<i>Johns Hopkins Univ School of Medicine Baltimore, MD</i>	ZOOM + IN-PERSON	Assembly and Function of RNA granules in <i>C. elegans</i>
9/20	<b>Vladimir Uversky</b> Professor Department of Molecular Medicine	<i>Univ. of South Florida Morsani College of Med. Tampa, FL</i>	ZOOM	From polyfunctionality to multipathogenicity with intrinsic disorder
9/27	<del>No seminar</del>			
10/4	<b>Alexander R. Ivanov</b> Associate Professor Dept. of Chemistry & Chemical Biology	<i>Northeastern University Barnett Inst. of Chemical and Biological Analysis Boston, MA</i>	ZOOM + IN-PERSON	Big and small: mass spectrometry-based studies of small cell populations, single cells, and ~1 MDa multimeric protein assemblies
10/11	<b>Rachel Martin</b> Professor Chemistry	<i>UC Irvine Irvine, CA</i>	ZOOM + IN-PERSON	Protein aging and cataract: Biophysical methods to see it clearly
10/18	<b>Melanie Cocco</b> Assoc. Prof., Dept of Pharmaceutical Sci., and Dept of Molecular Biology & Biochemistry	<i>UC Irvine Ctr for Complex Biol Sys Irvine, CA</i>	ZOOM + IN-PERSON	Protein Dynamics Determined from NMR Hydrogen Exchange Measurements and Hemoglobin Stability with Voxelotor
10/25	<b>Anum Glasgow</b> Assistant Professor Biochemistry & Molecular Biophysics	<i>Columbia University New York, NY</i>	ZOOM + IN-PERSON	Metabolic tuning of enzyme activity through combinatorial allostery
11/1	<b>Benjamin G. Neel</b> Professor of Medicine Assoc Dean for Cancer Research	<i>NYU Grossman Sch of Medicine New York, NY</i>	ZOOM + IN-PERSON	New approaches to targeting cancer
11/8	<b>D. Allan Drummond</b> Associate Professor Dept. of Biochemistry & Molecular Biology	<i>Univ. of Chicago Chicago, IL</i>	ZOOM	Rethinking the cellular stress response
11/15	<b>James Prestegard</b> Emeritus Professor, Dept. of Chemistry and Dept. of Biochemistry & Mol. Biology	<i>University of Georgia Athens, GA</i>	ZOOM + IN-PERSON	NMR in the age of AI: What can it tell us about glycans and glycoproteins?
11/22	<del>Day before Thanksgiving</del>			
11/29	<b>Julien Orts</b> Assistant Professor Dept. of Pharmaceutical Sciences	<i>University of Vienna Vienna, Austria</i>	ZOOM	Lead Generation without an X-Ray Crystal Structure: An NMR Method to Probe Protein-Ligand Complexes
12/6	<b>Rachel Narehood Austin</b> Professor Department of Chemistry	<i>Barnard College Columbia University New York, NY</i>	ZOOM + IN-PERSON	Exploring the structure and function of alkane monooxygenase (AlkB): a key metalloenzyme in the carbon cycle