

Doug Barrick, Johns Hopkins University, Subgroup Chair

Intrinsically Disordered Proteins Subgroup 2013 Symposium
Saturday, February 2, 2013
Philadelphia, Pennsylvania

9:00 AM, DisProt Database Advisory Board Meeting

10:30 AM, IDP Business Meeting

Functional Roles of Protein Disorder

12:30 PM, Keynote Speaker: Peter Wright, Scripps Research Institute
IDP Research in 2013: what have we accomplished and where are we going?

1:05 PM, James Bardwell, University of Michigan
Structural Studies on the Activation and Substrate Binding of a Conditionally Disordered Acid-Activated Chaperone

1:30 PM, Jennifer Lee, National Institutes of Health
Membrane Curvature Generation by α -Synuclein

1:55 PM, Ad Bax, National Institutes of Health
Alpha-Synuclein, An Intrinsically Unstructured Protein. How Interesting Can It Be?

2:20 PM, Elisar Barbar, Oregon State University
Intrinsic Protein Disorder in the Regulation of Large Molecular Machines

2:45 PM, Postdoc Talk

3:00 PM, Break

3:30 PM, Ben Schuler, University of Zürich, Switzerland
Probing the Polymeric Properties of Unfolded and Disordered Proteins with Single-Molecule Spectroscopy

3:55 PM, Liesbeth Veenhoff, University of Groningen, The Netherlands
A Long Disordered Linker in Nuclear Transport of Membrane Proteins

4:20 PM, Garagin Papoian, University of Maryland
Acetylations of Lysines of the H4 Histone Tail lead to Functionally Important Remodeling of its Energy Landscape

4:45 PM, Postdoc Talk

5:00 PM, Jeffrey Hayes, University of Rochester
Linker Histone Structural Transitions upon Binding to DNA, Mononucleosomes, and Oligonucleosomal Arrays

5:25 PM, Jörg Langowski, German Cancer Research Center, Heidelberg, Germany
Dynamics of Nucleosome Tails Studied by All-Atom and Course-Grained MD

5:50 PM, Keynote Speaker: Lila Gierasch, University of Massachusetts, Amherst
Moving the ProteinFolding Problem from the Test Tube to the Cell