

Tentative plan of lectures in the
AMU Invited Lecture Series in Structural Biology

1. 2.03.2023 16:00 (CET) **Xinhua Ji** (Center for Structural Biology, National Cancer Institute, National Institutes of Health, Frederick, MD, USA)

Rule-based mechanisms of RNase III enzymes: How Dicer Dices

2. 9.03.2023 16:00 (CET) **Wladek Minor** (Harrison Distinguished Professor, Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, VA, USA)

Structural Biology Response to Biomedical Threats

3. 16.03.2023 17:00 (CET) **Gabriel Lander** (Scripps Research, Department of Integrative Structural and Computational Biology, La Jolla, CA, USA)

Fundamentals of single particle cryo-electron microscopy

4. 30.03.2023 17:00 (CET) **David S. Eisenberg** (Professor of Chemistry and Biochemistry and Biological Chemistry, HHMI Investigator and Director of the UCLA-DOE Institute for Genomics and Proteomics, Los Angeles, CA, USA)

Discovery of previously unrecognized amyloid-forming proteins and associated diseases

5. 13.04.2023 16:00 (CET) **Bernhard Rupp** ((Medical University Innsbruck, Austria)

Si ligandum requires, circumspice!

6. 13.04.2023 16:00 (CET) **Zygmunt S. Derewenda** (Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, VA, USA)

The role of C-H...O hydrogen bonds in biology