

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)

*Structural insights into the mechanism of dsRNA processing by prokaryotic and eukaryotic RNase III enzymes*

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 and Public Health Response to Biomedical Threats*

3. 16.03.2023 17:00 (CET) **Gabriel Lander** (Scripps Research, 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)

*Structure-based Discovery of Small Molecules that Disaggregate Protein Amyloid Fibrils.*

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

*Si ligandum requires, circumspice!*

6. 20.04.2023 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*