



IDP2Biomed

Bringing Intrinsically Disordered Proteins to Biomedical Applications

**Venue: Todd-Hamied room, Department of Chemistry, University of Cambridge;
Lensfield Road Cambridge, CB2 1EW**

EXPERT SEMINARS SERIES 2

Tuesday, 10 June 2025 | 9.00 - 12.30

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|-------------|---|
| 9:00-9:30 | Zsuzsanna Dosztányi (ELTE): From Short Linear Motifs to Higher-Order Assemblies: LC8 Interactions in Centrosomal IDPs |
| 9:30-10:00 | Shengyu Zhang (Cambridge): Sequence-based drug discovery using transformers |
| 10:00-10:30 | Mihály Kovács (ELTE): Emerging roles of nucleic acid-dependent and redox-dependent dynamic condensation by single-stranded DNA binding (SSB) proteins in bacterial and eukaryotic stress response |
| 10:30-11:00 | <i>Coffee break</i> |
| 11:00-11:30 | Alicia Gonzalez Diaz (Cambridge): iPSC-derived cellular models of Alzheimer's disease |
| 11:30-12:00 | Andrea Bodor (ELTE): IDPs: structural features by the DR and SPIT statistics, disorder-to-order transitions for p53 |
| 12:00-12:30 | Michele Vendruscolo: AI-drive drug discovery for disordered proteins (Cambridge) |
| 12:30-14:00 | <i>Lunch break</i> |



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