

# 6<sup>th</sup> International and 8<sup>th</sup> National IASBS Symposium in Biological Sciences: Ligand Binding

<b>Thursday 15 February, 2024</b>	
<b>9-9:30</b>	<b>Opening</b>
<b>9:30-10:15</b> Ali A. Moosavi-Movahedi, PhD Institute of Biochemistry and Biophysics, University of Tehran, Iran	Title of Lecture: <b>Mysteries of Protein Cooperativity</b>
<b>10:15-11</b> Leila Hassani, PhD Institute for Advanced Studies in Basic Sciences, Zanjan, Iran	Title of Lecture: <b>The Effect of Oxidation on the Binding of Anticancer Drugs to G-Quadruplex DNA</b>
<b>11-11:30</b>	<b>Poster Session</b>
<b>11:30-12:15</b> Ariane Nunes Alves, PhD Technical University of Berlin, Germany	Title of Lecture: <b>Investigating Ligand Binding Kinetics in Kinases and Hydrogenases: Insights from Molecular Dynamics Simulations [Virtual lecture]</b>
<b>12:15-13</b> Shiva Akbari-Birgani, PhD Institute for Advanced Studies in Basic Sciences, Zanjan, Iran	Title of Lecture: <b>Taking Advantage of Ligand Conjugated Nanoparticles in Targeted Gene Therapy of Breast Cancer</b>
<b>13-14:30</b>	<b>Lunch time</b>
<b>14:30-15:15</b> Rizwan Hasan Khan, PhD Aligarh Muslim University, India	Title of Lecture: <b>My Journey through Master Biomolecule [Virtual lecture]</b>
<b>15:15-16</b> Berend Lammert de Groot, PhD Max-Planck Institute for Biophysical Chemistry, Gottingen, Germany	Title of Lecture: <b>Accurate Relative and Absolute Ligand Binding Free Energies from Alchemical Molecular Dynamics Free Energy Simulations [Virtual lecture]</b>
<b>16-16:30</b>	<b>Poster Session</b>
<b>16:30-17:15</b> Liviu Movileanu , PhD Syracuse University, US	Title of Lecture: <b>Protein-protein Interactions Using Nanopores [Virtual lecture]</b>
<b>Friday 16 February, 2024</b>	
<b>9:15-10</b> Bhaskar Datta, PhD Indian Institute of Technology Gandhinagar, India	Title of Lecture: <b>G-Quadruplex Ligands as a Tool for Assessing Nucleic Acid Structure and Function [Virtual lecture]</b>
<b>10-10:30</b>	<b>Poster Session</b>
<b>10:30-11:15</b> Krishna Mohan Poluri, PhD Indian Institute of Technology, Roorkee, India	Title of Lecture: <b>Elucidation of Molecular Recognition Features and Conformational Heterogeneity of Complex Protein Systems [Virtual lecture]</b>
<b>11:15-12</b> Rob Leurs, PhD Vrije University, Amsterdam, Netherland	Title of Lecture: <b>Photopharmacology: Spatial-Temporal Modulation of Drug-Receptor Interaction With Light [Virtual lecture]</b>
<b>12-13</b>	<b>Closing</b>