

Graduate Teaching Lecture D2: Structural Biology and Biophysics: from Molecules to Cells (#13160 – 2025)

Thursdays 13:15 to 15:00 **Prof. Roderick Lim** & Prof. Sebastian Hiller
Biozentrum, Spitalstrasse 41, 4056 Basel, Room U1.195

SPEAKER	Date
Rod Lim, Biozentrum, University of Basel, Switzerland <i>Filming the dynamics of intrinsically disordered proteins with high-speed atomic force microscopy</i>	20 February
Ben Schuler, University of Zurich, Switzerland <i>Probing the dynamics and interactions of intrinsically disordered proteins with single-molecule FRET</i>	27 February
Sonja Schmid, Department of Chemistry, University of Basel, Switzerland <i>Beyond structures: Dynamics rule at physiological temperatures – Insights from single-molecule FRET & nanopores.</i>	06 March
Jonas Ries, Center for Molecular Biology, University of Vienna, Austria <i>Superresolution microscopy for dynamic structural cell biology</i>	20 March
Fengjie Wu, Biozentrum, University of Basel, Switzerland <i>Observing GPCR dynamics by high-resolution NMR: bridging structure, signaling and pharmacology</i>	27 March
Jörg Standfuss, PSI, Villigen, Switzerland <i>Resolving Protein-Ligand Interactions Across Time and Space Using X-ray Free Electron Lasers</i>	03 April
Olivier Duss, EMBL, Heidelberg, Germany <i>Dynamic RNA biology at the single-molecule level: Watching how interconnected processes work in real-time</i>	10 April
Ulrich Lorenz, EPFL, Lausanne, Switzerland <i>Microsecond time-resolved cryo-EM</i>	24 April
Sebastian Hiller, Biozentrum, University of Basel, Switzerland <i>Dynamic chaperone networks</i>	08 May
Student Presentations	15 May
Student Presentations	22 May