

## Vorlesung D2: Molecular Biophysics I #13160 - 2022

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

<b>SPEAKER</b>	<b>Date</b>
<b>Larisa Kapinos – Surface plasmon resonance: from molecular recognition to conformational changes and functionality</b> ( <a href="mailto:larisa.kapinos@unibas.ch">larisa.kapinos@unibas.ch</a> / Biozentrum der Uni Basel)	22 September
<b>Carsten Grashoff – Molecular mechanisms of cellular mechanotransduction</b> ( <a href="mailto:grashoff@uni-muenster.de">grashoff@uni-muenster.de</a> / Universität Münster)	29 September
<b>Timothy Sharpe - Isothermal Titration Calorimetry: A Universal Method to Study Macromolecular Interactions</b> ( <a href="mailto:timothy.sharpe@unibas.ch">timothy.sharpe@unibas.ch</a> / Biozentrum der Uni Basel)	6 October
<b>Maria Hondele - Molecular principles and biophysical tools to study biomolecular condensation and liquid-liquid phase separation</b> ( <a href="mailto:maria.hondele@unibas.ch">maria.hondele@unibas.ch</a> / Biozentrum der Uni Basel)	13 October
<b>Javier Fernandez - Integrative Structural Characterization of Macromolecular Assemblies</b> ( <a href="mailto:jfernandez@mail.rockefeller.edu">jfernandez@mail.rockefeller.edu</a> / Rockefeller University, New York)	20 October
<b>Oliver Biehlmaier – New light microscopy technologies for live-cell, super-resolution and whole-organ imaging</b> ( <a href="mailto:oliver.biehlmaier@unibas.ch">oliver.biehlmaier@unibas.ch</a> / Biozentrum der Uni Basel)	27 October
<b>Philipp Kukura – An introduction to mass photometry: basics, advantages and limitations</b> ( <a href="mailto:philipp.kukura@chem.ox.ac.uk">philipp.kukura@chem.ox.ac.uk</a> / University of Oxford)	3 November
<b>Ludovít Zweifel – Fluorescence correlation spectroscopy: Concepts, Theory and Applications</b> ( <a href="mailto:ludovit.zweifel@unibas.ch">ludovit.zweifel@unibas.ch</a> / Biozentrum der Uni Basel)	10 November
<b>TBA</b>	17 November
<b>TBA</b>	24 November
<b>TBA</b>	1 December
<b>Michael Nash - Mutational scanning for studying protein biophysics</b> ( <a href="mailto:michael.nash@unibas.ch">michael.nash@unibas.ch</a> / Dept. Chemistry, Uni Basel)	8 December
<b>Ulrich Kubitscheck - TBA</b> ( <a href="mailto:ukubitsc@uni-bonn.de">ukubitsc@uni-bonn.de</a> / Universität Bonn)	15 December