



University  
of Basel

Swiss Nanoscience Institute

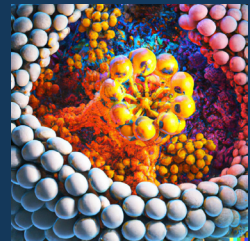
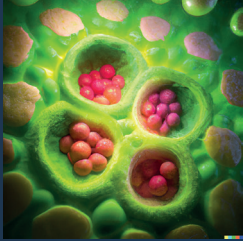
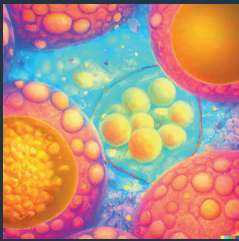
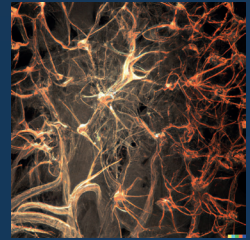
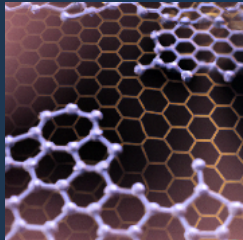
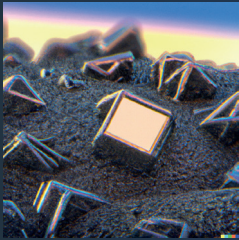
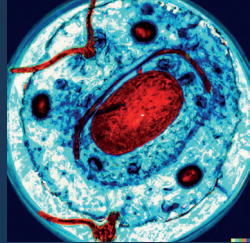
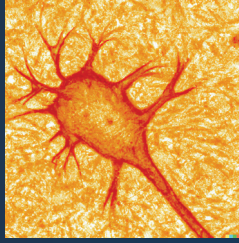
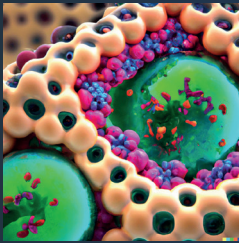


Swiss Nanoscience Institute  
Center of Excellence supported  
by the University of Basel  
and the Canton of Aargau

# Small Talk

## 17. Mai 2023

Klingelbergstrasse 82, 4056 Basel  
Physik Mensa; 8.30-16.00 Uhr



## Time

## Presentation

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**08:00 - 08:25**

**Registration & Introduction**

*Anja Car*

**08:30 - 08:45**

**Virtual screening of artificial metalloenzyme candidates from PDB database**

*Tim Hügli*

**08:45 - 09:00**

**PDMS-PMOXA Diblock Polymersomes**

*Nadya Stebler*

**09:00 - 09:15**

**NMR spectroscopy for protein backbone assignment**

*Elsa Stern*

**09:15 - 09:30**

**Role of Hydrogen Bonding Interactions in Single and Double Networks**

*David Rothen*

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## Coffee Break & Poster Tour

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**10:15 - 10:30**

**Functionalising Gold Nanoparticles for Rapid Covid-19 Testing**

*Vincent Grumbacher*

**10:30 - 10:45**

**Localizations and Interactions of Importin  $\beta$**

*Corinne Thommen*

**10:45 - 11:00**

**Photoshooting with *B. Subtilis* and analysing its dendritic swarming pattern**

*Raphael Pauli*

**11:00 - 11:15**

**Ligand synthesis for Pt(II)-complex based nanowires**

*Jonathan Sagaya*

## Time

## Presentation

11: 20 - 11:25

**Au cœur**  
*Anja Car*

## Lunch Break & Poster Session

13:15 - 13:30

**Imaging Magnetisation Dynamics with Time-Resolved Scanning Transmission X-Ray Microscopy**  
*Mina-Lou Schleith*

13:30 - 13:45

**Improvement of Ca<sup>+</sup> Shuttling Efficiency in a Segmented Linear Paul Trap**  
*Tania Beringer*

14:00 - 14:15

**Dynamics of the Bacterial Type Six Secretion System of Vibrio Cholerae**  
*Selina Eng*

14:15- 14:30

**Hybrid Graphene/PbS Quantum Dot Phototransistor**  
*Valerie Bendel*

## Closing Remarks, Awards & Apero

*Prof. Martino Poggio*

Using chloroform in MTS cell assay

**\*cell dies**

