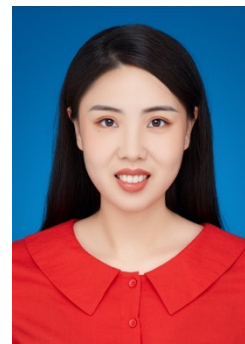


Dr. Xiao-Xiao Chen

PERSONAL INFORMATION

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PROFESSIONAL EXPERIENCE

08.2024 – present **Postdoctoral Fellow** (Advisor: Dr. Murat Sunbul)
Institute of Pharmacy and Molecular Biotechnology (IPMB)
Heidelberg University, Germany
09.2021 – 06.2024 **Postdoctoral Fellow** (Advisor: Prof. Dr. Stefan Matile)
Department of Organic Chemistry
University of Geneva, Switzerland

EDUCATION

06.2021 **PhD in Organic Chemistry**, Beijing Normal University, China
Thesis: Development and biological applications of fluorescent probes for simultaneous detection of nitric oxide (NO) and glutathione (GSH);
Advisor: Prof. Dr. Qing-Zheng Yang
07.2016 **BSc in Materials Chemistry**, Harbin University of Science and Technology, China

SELECTED HONORS AND AWARDS

2021 **Excellent Poster Awards**, Chinese Chemical Society
2017 – 2020 **First-Class Scholarship**, Beijing Normal University
2016 **Outstanding Graduates**, Harbin University of Science and Technology
2015 **National Scholarship**, Ministry of Education of the People's Republic of China
2014 **National Scholarship**, Ministry of Education of the People's Republic of China
2014 **Provincial Merit Student**, Heilongjiang Province, China
2013 **National Encouragement Scholarship**, Ministry of Education of the People's Republic of China
2013 – 2016 **First-Class Scholarship**, Harbin University of Science and Technology

INVITED TALK

- **Max Planck Institute for Multidisciplinary Sciences, Department of Stefan W. Hell, 2024, Göttingen, Germany**

Title: Flipper Probes Illuminating Living Worlds: Emergence, Development and Applications in Membrane Tension Imaging.

- **Brawijaya University, Department of Physical Organic Chemistry, 2024, Malang, East Java, Indonesia** ([Online](#))

Title: Innovative Applications of Thio/Acetal Groups in Fluorescent Probe Design.

CONFERENCES

- **International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC), 2023, Reykjavik, Iceland**
Fluorogenic *In Situ* Thioacetalization: Expanding the Chemical Space of Fluorescent Probes, Including Unorthodox, Bifurcated, and Mechanosensitive Chalcogen Bonds. ([Poster](#))
- **International Symposium on Chemical Biology, 2022, Geneva, Switzerland**
New Chalcogen Switch Headgroup Engineering in Mechanosensitive Membrane Probes. ([Poster](#))
- **8th EuChemS Chemistry Congress, 2022, Lisbon, Portugal**
New Chalcogen Switch Headgroup Engineering in Mechanosensitive Membrane Probes. ([Poster](#))
- **National Centers of Competence in Research (NCCR) Retreat, 2022, Arolla, Switzerland**
Development of Flipper Probes to Image Membrane Tension in Living Systems. ([Oral](#))
- **32nd Chinese Chemical Society (CCS) Congress, 2021, Zhuhai, China**
Visualizing the Underlying Signaling Pathway Related to Nitric Oxide and Glutathione in Cardiovascular Disease Therapy by a Sequentially Activated Fluorescent Probe. ([Poster & "Excellent Poster Award"](#))