

Nina Hartrampf



Nina Hartrampf is an Assistant Professor in the Department of Chemistry at the University of Zurich (UZH) in Switzerland. She studied chemistry and biochemistry at Ludwig-Maximilians-Universität Munich (Germany) and obtained her PhD in the field of natural product synthesis and chemical biology in the group of Dirk Trauner. In 2018, she moved to the group of Brad Pentelute at the Massachusetts Institute of Technology (USA) as a postdoctoral researcher, where she worked on the flow-based synthesis of peptides and proteins using an automated synthesis platform.

In 2020, Nina relocated to Switzerland to launch her independent career as an assistant professor (tenure track). Her lab specializes in the chemical synthesis of post-translationally modified peptides and proteins, including peptidic natural products such as lasso peptides and the oncogenic transcription factor MYC. Additionally, the lab develops innovative tools for flow-based peptide synthesis to enable to e.g. the synthesis of “difficult sequences”.

Her independent work has been recognized with several awards including the SCS “2026 Werner Prize”, the “2025 Early Career Lectureship” from the American Peptide Society, the DECHEMA “Nachwuchswissenschaftler-Preis für Naturstoffforschung” (2025), the “ADUC Young Talent Award” (2025) from the GDCh, the “DECHEMA Award 2024”, the “2024 Chemical Biology Lectureship”, the RSC “CEM Emerging Investigator in Protein and Peptide Science Award” (2024) and the “Bachem Award for Peptide Science” (2021) from the Austrian Peptide Society.