

Short-CV

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EDUCATION AND SCIENTIFIC CAREER

Since 2023 *Associate Professor* (Chemical Biology), Institute of Applied Synthetic Chemistry (IAS), TU Wien
2021 – 2022 *Assistant Professor* (Chemical Biology, Tenure Track), IAS, TU Wien; Habilitation (*venia docendi*)
2016 – 2020 *Young Principal Investigator* and *Group Leader* (since 2018), IAS, TU Wien
2014 – 2016 Postdoctoral Research Scholar as *Schrödinger Fellow* (Austrian Science Fund), Research Group of Prof. Ralph Weissleder, Center for Systems Biology, Massachusetts General Hospital & Harvard Medical School, Boston, MA, USA
2008 – 2014 PhD Thesis, employed as University Assistant at the Institute of Applied Synthetic Chemistry, TU Wien, Austria, PhD Supervisor: Prof. Johannes Fröhlich;
28.03.2014 Date of doctorate, Dr.techn. (PhD); graduation with highest distinction (*Promotio sub auspiciis*)
2012 – 2013 *Paternity leave (12 months)*
2003 – 2008 *Studies in Technical Chemistry* (Dipl.-Ing), Synthetic Chemistry, TU Wien, Austria

RESEARCH GROUP

MOLECULAR CHEMISTRY & CHEMICAL BIOLOGY

- Currently supervising 4 Postdoctoral researchers, 9 PhD students, and 1 Diploma thesis
- Supervision of >15 finished master's theses and 8 finished PhD theses within own research projects
- (Previous) members of my team have received several awards and fellowships, including 4 master's thesis awards, 6 PhD thesis awards, 1 PhD fellowship (ÖAW-DOC), and 2 Postdoc fellowships (FWF-Schrödinger)

MAIN AREAS OF RESEARCH

MOLECULAR TECHNOLOGIES

- Click Chemistry & Bioorthogonal reactions
- Next-level drug targeting strategies
- Chemical tools for diagnostics and molecular imaging
- Radiolabeled bioorthogonal tools and probes



SELECTED GRANTS AND AWARDS

2022 *ERC Starting Grant* (ERC-2021-STG), European Research Council
2021 *START Programme/Grant*, Austrian Science Fund (FWF)
2020 *Science Award*, Austrian Chemical Society (GÖCH) & Austrian Academy of Sciences (ÖAW)
2019 *Dream Chemistry Top 5 Award*, IOCB Prague & IChF-PAN
2019 *ASciNA Young Scientist Award*, ASciNA (USA) & Federal Ministry of Science, Austria
2019 *Young Independent Researcher Group (FWF-Zukunftskolleg)*, Austrian Science Fund
2015 *Postdoctoral Award*, Austrian Chemical Society (GÖCH)
2015 *Karl Schögl Award*, Austrian Academy of Sciences (ÖAW)
2014 *PhD Thesis Award*, Austrian Chemical Society (GÖCH)

SCIENTIFIC PUBLICATIONS

>65 peer-reviewed publications (>30 as corresponding author) including articles in leading chemistry journals (e.g., *Journal of the American Chemical Society*, *Angewandte Chemie*, *ACS Central Science*, *Chemical Science*) & more general and interdisciplinary journals (e.g., *Nature Biotechnology*, *Nature Nanotechnology*, *Nature Communications*, *Science Advances*, *PNAS*, *ACS Nano*, *Theranostics*); ORCID: [0000-0002-9218-9722](https://orcid.org/0000-0002-9218-9722)