

PERSONAL INFORMATION

Family name, First name: Jessen-Trefzer (birth name: Trefzer), Claudia

<https://jessen-trefzer.research-lab.org/>

RESEARCH INTERESTS

mycobacteria – mycobacterial membranes and embedded lipids – ABC-transporter – extracellular space – photoactive semi-synthetic antibiotics – encapsulins – protein nanocompartments – catalysis

EDUCATION

- 05/05/2022 **Habilitation** (*venia legend* – Pharmaceutical Biology), Faculty of Chemistry and Pharmacy, University of Freiburg, Germany
- 17/08/2012 **PhD - Doctor of Science**, Institute of Organic Chemistry, ETH Lausanne, Switzerland, Thesis Supervisor: Prof. Dr. Kai Johnsson, Title: Rv3790 as a drug target from *Mycobacterium tuberculosis*
- 08/08/2008 **Diploma in Chemistry**, University of Konstanz, Germany, Thesis Supervisor: Prof. Dr. Andreas Marx, Title: *Synthese carbocyclischer Riboseanaloge*

CURRENT POSITION

- 04/2025 – **W3-Professor for Pharmaceutical Biology and Biotechnology**, Faculty of Chemistry and Pharmacy, Institute of Pharmaceutical Science, University of Freiburg, Germany

PREVIOUS POSITIONS

- 04/2020 – 03/2025
 Lecturer, Faculty of Chemistry and Pharmacy, Institute of Organic Chemistry, University of Freiburg, Germany
- 10/2015 – 03/2020
 Junior Group Leader, Faculty of Chemistry and Pharmacy, Institute of Pharmaceutical Biology and Biotechnology, University of Freiburg, Germany
- 06/2015 – 09/2015
 Postdoctoral Scientist
 Institute of Organic Chemistry, University of Zurich, Switzerland
 Supervisor: Prof. Dr. Cristina Nevado
- 06/2014 – 04/2015
 Study Director Biocompatibility, DePuy Synthes GmbH – Companies of Johnson & Johnson, Oberdorf BL, Switzerland
- 11/2012 – 05/2014
 Postdoctoral Scientist
 CeMM – Center for Molecular Medicine, Vienna, Austria
 Supervisor: Prof. Dr. Giulio Superti-Furga
- MEMBERSHIPS**
- 2023 – Scientific Advisory Board member of **BIOSS** (Center for Biological Signaling Studies) Freiburg
- 2022 – Adjunct member of **CIBSS** (Cluster of Excellence – Centre for integrative biological signaling studies) Freiburg
- 2021 – Member of the **Association for General and Applied Microbiology** (VAAM)
- 2021 – Member of **BIOSS** (Center for Biological Signaling Studies) Freiburg
- 2015 – Member of the **German Pharmaceutical Society** (DPHG)
- 2015 – **Member of the Research Training Group RTG2202 “Transport across and into membranes”**, University of Freiburg, Germany: <https://www.taim.uni-freiburg.de>
- 2018 **Founding member – Academia Meets Industry Freiburg e.V.** – Creating networks between pharmacy students and pharmaceutical industry: <https://academia-meets-industry.de/en/home>