

## 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

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## 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 Riboseanaloga*

## CURRENT POSITION

04/2020 – **Lecturer**, Faculty of Chemistry and Pharmacy, Institute of Organic Chemistry, University of Freiburg, Germany

## PREVIOUS POSITIONS

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>