

# CURRICULUM VITAE

## **Prof. Dr. Henning Jessen**

Researcher unique identifier ORCID: 0000-0002-1025-9484

Date of birth: 22.12.1978

Nationality: German, married (one child)

URL for web site: [www.jessen-lab.uni-freiburg.de](http://www.jessen-lab.uni-freiburg.de)



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### • CURRENT POSITION

2015 – Full Professor of Bio-Organic Chemistry (W3, Chair)  
Faculty of Chemistry & Pharmacy, University of Freiburg, Germany

### • PREVIOUS POSITION

2015 – 2015 SNSF Assistant Professor  
Department of Chemistry, University of Zürich, Switzerland

### • FELLOWSHIPS

2011 – 2015 Ambizione Fellowship (SNSF) & Liebig Fellowship (FCI)  
Department of Chemistry, University of Zürich, Switzerland  
Mentor: Prof. Dr. Jay S. Siegel

2010 – 2011 DFG Postdoctoral Fellowship, Department of Chemistry, University of Basel,  
Switzerland  
with Prof. Dr. Karl Gademann

2008 – 2010 DFG Postdoctoral Fellowship, ISIC/ EPF Lausanne/ Organic Chemistry/  
Switzerland  
with Prof. Dr. Karl Gademann

### • EDUCATION

2008 Dr. rer. nat. (*summa cum laude*)  
Department of Chemistry, University of Hamburg, Germany  
with Prof. Dr. Chris Meier, Medicinal Chemistry

2005 Diploma in Chemistry (Grade: 1.0)  
Department of Chemistry, University of Hamburg, Germany

### • AWARDS & MAJOR GRANTS

2021 VW Momentum Grant

2019 ERC Consolidator Grant

2019 Freiburg Research Institute for Advanced Studies (FRIAS), Senior Fellowship

2016 HFSP Program Grant as PI

- 2015 Ružička Prize and Medal of the ETH Zürich, Switzerland
- 2015 SNSF Professorship, Switzerland
- 2010 Klaus-Grohe Award of the GDCh in Medicinal Chemistry, Germany
- 2008 Best Doctoral Thesis in Chemistry, University of Hamburg, Germany

#### • TEACHING ACTIVITIES

- 2018 Training Academy, Studienstiftung des Deutschen Volkes, Lecturer and Organiser of ten three-hour courses over two weeks, ca. 20 participants / Germany
- 2015 – Course Lecturer and Coordinator – Organic Chemistry I, Organic Chemistry II, Reaction Mechanisms in Organic Chemistry, Organic Chemistry VI (Chemical Biology), General Chemistry for Students of Medicine and Biology & Practical Course for Students of Medicine and Biology / University of Freiburg/ Germany, Profilmodul "Biologie trifft Chemie", Faculty of Biology
- 2011 – 2015 Course Lecturer – Organic Chemistry III, Introductory Organic Chemistry (CHE102) Department of Chemistry, University of Zürich/ Organic Chemistry/ Switzerland
- 2014 Course Lecturer (Replacement Prof. U. Groth) – Organic Chemistry IV Department of Chemistry, University of Constance/ Organic Chemistry/ Germany

#### • INVITED PRESENTATIONS

ca. 70

#### • ORGANISATION OF SCIENTIFIC MEETINGS

- 2021 "Inositol phosphates: the more, the merrier" / Zoom Conference, Organisation Committee, ca. 250 participants
- 2020 Frontiers in Medicinal Chemistry / Freiburg / Germany, Organisation Committee (cancelled due to Pandemic)
- 2019 39th Regio Symposium Basel/Mulhouse/Freiburg/Strasbourg, Co-Organiser, ca. 100 participants / France
- 2018 38th Regio Symposium Basel/Mulhouse/Freiburg/Strasbourg, Organiser, ca. 100 participants / Germany
- 2015 Young Faculty Meeting in Berne, Organiser, ca. 30 participants / Switzerland
- 2014 Swiss Summer School in Chemical Biology (Villars), Organiser, ca. 100 participants / Switzerland
- 2012&2013 Swiss Chemistry Olympiad Workshop Weekend, Organiser, ca. 30 participants / Switzerland

#### • INSTITUTIONAL RESPONSIBILITIES

- 2020 – Member of the Executive Board of LivMatS, DFG Cluster of Excellence, University of Freiburg and Area Coordinator (Adaptivity)
- 2020 – Member of the Fachkommission Landesgraduiertenförderung Baden-Württemberg

- 2019 – Science Career Committee, CIBSS, Center for integrative biological signalling studies, DFG Cluster of Excellence, University of Freiburg
- 2018 – Director, Institute of Organic Chemistry, University of Freiburg
- 2018 – Area Coordinator (Precision Signalling Tools), CIBSS
- 2015 – Faculty member, University of Freiburg/ Department of Chemistry & Pharmacy/ Germany
- 2015 Faculty member, University of Zürich/ Department of Chemistry / Switzerland

#### • MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2009 – Member, Swiss Chemical Society, Switzerland
- 2008 – Member, German Chemical Society, Germany
- 2019 – Member, American Chemical Society, USA
- 2017 – Founding Member & Deputy Chairman / Freundes - und Förderverein der Chemischen Wissenschaften Freiburg e.V. , Germany

#### • SELECTED COLLABORATIONS

Paul Wender, Polyphosphates / Stanford University / US

Rashna Bhandari, Polyphosphates / CDFD Hyderabad / IN

Gabriel Schaaf, Inositol Phosphates & Pyrophosphates / University of Bonn / DE

Adolfo Saiardi, Inositol Pyrophosphates / University College London & MRC / UK

Stephen Shears, Inositol Pyrophosphates / NIH, North Carolina / US

Carsten Schultz, Photocaged Prometabolites / Portland/ US

Seyun Kim, Inositol Phosphates & Pyrophosphates / KAIST / SK

Mingguang Lei, Inositol Pyrophosphates / CAS Shanghai / CN

Andreas Mayer, Ultraphosphates & Inositol Pyrophosphates / University of Lausanne / CH

Urs Jenal, Magic Spot Nucleotides / Biozentrum Basel / CH

#### • EDITORIAL ACTIVITY

Volume Editor of Topics in Current Chemistry

Title of the Book: "Phosphate Labeling and Sensing in Chemical Biology."