Prof. Dr. Franziska Thomas — Curriculum Vitae

Personal Details

Franziska Thomas

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Academic Career

09/2025 – present	**Ruprecht-Karls-Universität Heidelberg, Germany** **Full professorship in Organic Chemistry** • Design and synthesis of functional miniproteins • Late-stage functionalization of peptides • Design of peptide materials
03/2021 – present	**Fellow of the Max-Planck-School "Matter to Life"**
11/2019 – present	**Ruprecht-Karls-Universität Heidelberg, Germany** Principal Investigator at the Cluster of Excellence "3DMM2O"
10/2019 – 08/2025	**Ruprecht-Karls-Universität Heidelberg, Germany** **Tenure Track prefessorship (W1) in Organic Chemistry**
06/2016 – 02/2021	**Center for Biostructural Imaging of Neurodegeneration (UMG)** • Investigation of protein misfolding in amyotrophic lateral sclerosis
05/2019 – 09/2019	**University of Hamburg, Germany** Substitute Professorship in Organic Chemistry
04/2018 – 07/2018	**Philipps-Universität Marburg, Germany** Visiting Lecturer at the Department of Chemistry
06/2015 – 09/2019	**Georg-August-Universität Göttingen, Germany** Junior Research Group Leader at the Institute of Organic and Biomolecular Chemistry (DFG "Eigene Stelle") • Design of small protein folding motifs to mediate chemical reactions
11/2010 – 05/2015	**University of Bristol, UK** **Research Associate (PostDoc) with Prof. D. N. Woolfson** • Design and characterization of heterodimeric coiled-coil peptides • Design and synthesis of coiled-coil-based peptide nanotubes • Design of α-helical barrels as receptors for small organic molecules

04/2010 – 08/2010	**Humboldt-Universität zu Berlin, Germany** **Postdoctoral Researcher with Prof. Dr. O. Seitz** • Fmoc-based solid-phase synthesis of peptide thioesters with self-purification in the construction of a peptide array of SH3 domains
11/2004 – 04/2010	**Humboldt-Universität zu Berlin, Germany** **Research Assistant with Prof. Dr. O. Seitz (PhD student)** • Self-Purification in the Fmoc-based solid-phase synthesis of peptide thioesters – A useful tool for the native chemical ligation in parallel formats

Awards

04/2022	**Editorial Advisory Boards des Journals of Peptide Science**
2021	**Teaching Award in the Master Programs Chemistry and Biochemistry**
03/2021	**Fellow of the Max-Planck-School „Matter to Life“**
10/2012	**Young Investigator Award of the Max-Bergamann-Kreis**
09/2012	**Young Investigators "Dr. Bert L. Schram" Award** European Peptide Society, ESCOM Science Foundation;
06/2010	**DAAD PostDoc Fellowship**

Education

10/1999 – 04/2010	**Humboldt-Universität zu Berlin, Germany**
11/2004 – 04/2010	**PhD in Chemistry** Supervisor: Prof. Dr. O. Seitz Humboldt-Universität zu Berlin, Department of Chemistry **Overall grade: summa cum laude**
28/09/2004	**Diploma in Chemistry** examined modules: inorganic chemistry, organic chemistry, physical chemistry, biochemistry **Overall grade: 1,0 (with distinction)**
10/1999 – 09/2004	**Studies in Chemistry**
09/1986 – 06/1999	**Primary and Secondary school** Abitur (university entrance exam) Overall grade: 1.2

Memberships and Languages

Memberships: Gesellschaft Deutscher Chemiker (GDCh), Deutscher Hochschulverband (DHV), Förderverein „Freunde der Philharmoniker an der Humboldt-Universität zu Berlin e.V.“

Languages: German (native), English (fluent), French (basic)

Heidelberg, 24/10/2025