

CV Prof. Dr. Thomas Scheibel

Name Prof. Dr. Thomas Scheibel
born 1969
Nationality German
Contact details Chair of Biomaterials
University of Bayreuth
TAO Building
Prof.-Rüdiger-Bormann-Straße 1
95447 Bayreuth, Germany
Phone: 0921-55 6701
Email: thomas.scheibel@uni-bayreuth.de
webpage: <http://www.fiberlab.de>



Scientific Career

since 2007 Full Professor, Chair of Biomaterials, University of Bayreuth, Germany
2007 Lecturer, Chair of Biotechnology, TU Munich, Germany
2001-2007 Group Leader “Fiberlab”, Chair of Biotechnology, TU Munich, Germany
1998-2001 Postdoc at the Howard Hughes Medical Institute, University of Chicago, USA
(supervisor: Prof. S. Lindquist)

Education

2007 Habilitation in Biochemistry, TU Munich, Germany
Topic: Conformational Changes and Self-assembly of Proteins
1998 PhD at the Chair of Biophysics and Physical Biochemistry,
University of Regensburg, Germany
Supervisor: Prof. Dr. J. Buchner
Topic: “Structure-function relationship of Hsp90 from *S. cerevisiae*”
1994 Diploma in Biochemistry, University of Regensburg, Germany

Selected Honors and Awards

2024 IAESTE (DAAD) Employer Award
2018 Finalist of the European Innovator Award
since 2014 Member of the German National Academy of Science and Engineering (acatech)
2013 Dechema Award of the Max Buchner Research Foundation
2008 Karl Heinz Beckurts Award
2007 Heinz Maier-Leibnitz Medal, TU Munich

Selected Functions, Affiliations and Memberships

since 2025 Member Editorial Board *Applied Engineering Materials* (ACS)
since 2021 Member Advisory Board *Biopolymers* (Wiley)
2021 - 2024 Chair of the Bavarian Excellence University Collaboration (EVUK) “Cellular Hybrids”
2020 - 2024 Member of the review board “biomaterials” (“Fachkollegiat”) of the DFG
since 2018 Member Editorial Board *PLOS ONE*

since 2018	Co-chair of the Collaborative Research Center CRC/Transregio TRR225 “From the Basics of Biofabrication towards Functional Tissues” (DFG)
2017-2023	Chair of the Thematic Network “Bayreuth-Melbourne Colloid/Polymer Network” (German Academic Exchange Service DAAD)
2014-2019	Member Advisory Board “Freiburg Centre for Interactive Materials and Bioinspired Technologies (FIT)”, University of Freiburg, Germany
2014-2018	Member Advisory Board “Project House NanoBioMater”, University of Stuttgart, Germany
since 2012	Member Editorial Board <i>Scientific Reports</i> (Nature-Springer)
since 2010	Member Editorial Board <i>BioNanoScience</i> (Nature-Springer)
since 2009	Initiator and Chair of the topical committee “Bioinspired Materials und Bionics” of the German Materials Society (DGM)

Professional Affiliations (Industry)

since 2023	consultant of Humble Bee Ltd. (New Zealand)
2022 -2023	Advisory board member of Humble Bee Ltd. (New Zealand)
since 2016	Group Leader “Biomaterials”, New Materials Bayreuth (NMB) GmbH, Germany
since 2008	Co-Founder and Consultant of AMSilk GmbH, Munich, Germany

Academic Administration and Leadership

since 2025	Fellow of the Max Planck School Matter to Life
since 2025	Member of the Steering Committee of the Medical Campus Upper Franconia (MCO)
since 2025	Director of the Bavarian Polymer Institute
2023-2025	Director of the University of Bayreuth Graduate School
2022-2025	Vice President for Research and Junior Scholars, University of Bayreuth
since 2021	Study program coordinator of the MOOC “Biomaterials and Biofabrication: Design, Engineering and Innovation” on edX
2020-2022	Director BayHOST (Bavarian Academic Center for Central, Eastern and Southeastern Europe)
2016-2022	Vice President for Internationalisation, Gender Equality and Diversity, University of Bayreuth
since 2016	Chair of the Examination Board for the M.Sc. study programme “Biofabrication” at the Faculty of Engineering, University of Bayreuth
since 2016	Study Programme Coordinator of the international English-speaking M.Sc. study programme “Biofabrication” at the Faculty of Engineering, University of Bayreuth
2011-2016	Chair of the Examination Board for all B.Sc., M.Sc. and diploma study programmes of the Faculty of Applied Sciences (now: Engineering), University of Bayreuth
2008-2016	Study Programme Coordinator for the M.Sc. study programme “Biotechnologie und chemische Verfahrenstechnik” [“Biotechnology and Chemical Engineering”] at the Faculty of Engineering, University of Bayreuth