

Prof. Dr. Marie Weinhart

Professor for Polymer Chemistry

Leibniz Universität Hannover, Institute of Physical Chemistry and Electrochemistry, Callinstr. 3A, 30167 Hannover | Freie Universität Berlin, Institute of Chemistry and Biochemistry, Takustr. 3, 14195 Berlin

RESEARCH AREAS

- Surface Coatings and Biointerface Engineering
- Stereolithography based 3D-Printing of Tissue Scaffolds
- ECM Modification and Formulation into Biocompatible Inks
- Cell Adhesive Polymers
- Haemocompatible Synthetic Polyelectrolytes
- Angiogenesis
- Development of Vascularized Tissue via Cell Sheet Engineering
- In vitro Alternatives to Animal Experiments



PROFESSIONAL DEVELOPMENT

As of 10/2019	Full Professor for Polymer Chemistry (Leibniz Universität Hannover/Freie Universität Berlin)
2015-2019	BMBF funded Junior Research Group Leader at Freie Universität Berlin
2014-2015	Dahlem Research School Postdoc-Fellowship REGAIN within the Focus Area „Nanoscale“ at Freie Universität Berlin
2011-2014	DFG Postdoc-Fellowship and Appointment as Research Associate at the Center for Blood Research at the University of British Columbia, Vancouver, Canada; Host: Prof. Dr. Brooks and Prof. Dr. Kizhakkedathu

ACADEMIC EDUCATION

2006-2011	Doctoral Thesis: <i>Glycerol-based Polymers for Non-fouling Surfaces and Selectin Inhibition</i> Freie Universität Berlin, Supervisor: Prof. Dr. Haag, degree: Dr. rer. nat.
06-09/2009	Visiting Scholar at Harvard University, Cambridge, Massachusetts, USA Host: Prof. Dr. Weitz
2005-2006	Diploma Thesis: <i>Protein-resistant Polymers for Surface-Modification</i> Freie Universität Berlin, Supervisor: Prof. Dr. Haag, degree: Dipl. Chemist
1999-2005	Chemistry Studies (Diploma) at Humboldt Universität zu Berlin and Freie Universität Berlin

MEMBERSHIPS	German Chemical Society (GDCh), German Association of University Professors and Lecturers (DHV), American chemical society (ACS), German Association for Biomaterials (DGBM)
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FELLOWSHIPS and AWARDS

2015	BMBF Competition for Young Researchers “NanoMatFutur”
2014-2015	REGAIN Postdoc-Fellowship of Dahlem Research School (DRS)
2012-2014	Postdoc Fellowship of the German Research Foundation (DFG)
2009-2011	Several International Visiting Scholarships of the Centre for International Cooperation (CIC) of Freie Universität Berlin
