



FUNCTIONAL POLYMERS – Chemistry is life, and more.

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• CURRENT POSITIONS

- since 2012 Group Leader at the Max Planck Institute for Polymer Research, Mainz, Germany.
- since 2016 Private Lecturer (“Privatdozent”) at the Department of Organic Chemistry, Johannes Gutenberg-University, Mainz, Germany.
- since 2019 Editor European Polymer Journal

• PREVIOUS POSITIONS

- 2016-2018 Deputy Professorship (W3) University Ulm (Germany) Org. Chem. – Macromol. Chem.
- 2009-2011 Feodor Lynen Fellow, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland. Group of Prof. Dr. Harm-Anton Klok, Topic: „New bioconjugation strategies“.

• EDUCATION

- 2016 Habilitation „Molecular Control of Interactions: Poly(phosphoester)s and Smart Nanocarriers” – Mentor: Prof. Dr. Katharina Landfester, MPI for Polymer Research, Mainz, Germany.
- 2006-2009 Dissertation “Linear-Hyperbranched Block Copolymers” Grade: “*summa cum laude*”, Group of Prof. Dr. Holger Frey, Johannes Gutenberg-University Mainz, Germany. (date:18.5.2009)
- 2001-2006 Studies of Chemistry, Degree: “Diplom Chemiker” Thesis: “Long-Chain Branched Polydienes”; Grade: “*very good (sehr gut)*” Johannes Gutenberg-University Mainz, Germany.

• STIPENDS AND AWARDS

- 2019 Zukunftspreis Pfalz 2019 („Future Award“)
- 2019 Polymer Chemistry 2019 Lectureship Award
- 2019 Materials Today - European Polymer Journal 2018 Award
- 2017 “Dozentenpreis” of the Fonds der chemischen Industrie.
- 2016 Reimund Stadler Award of the German Chemical Society (GDCh)
- 2015 “Habilitanden Workshop” of the GDCh: Macromolecular Chemistry
- 2014 Georg Manecke Award of the German Chemical Society (GDCh)
- 2014 European Young Chemist Award of the European Chemical Society (EuChEms, Gold Medal)
- 2014-2015 Selected for the Young Leaders in Science Program of the Schering Foundation.
- 2012, 2013 Fellowship of the Chem. Ind. Fund of the German Chemical Industry Association



- **STIPENDS AND AWARDS (continued)**

2011-2012	Feodor Lynen Return-Fellowship of the Alexander von Humboldt Foundation
2010	Travel fellowship of the German Academic Exchange Service (DAAD)
2009	“MAINZ PhD Award” for the best PhD thesis in 2009
2009	DSM Science and Technology Award
2009-2011	Feodor Lynen Fellowship of the Alexander von Humboldt Foundation
2007-2009	Fellowship of the graduate school in the Materials Science in Mainz
2008, 2009, 2010	Travel fellowship of the German Chemical Society (GDCh)
2004-2005	DAAD fellowship for exchange students

- **OTHER RESPONSIBILITIES**

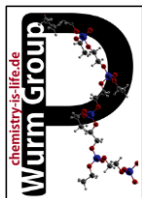
Since 2019	Advisory Board Member of Polymer Chemistry (Royal Society of Chemistry)
Since 2019	Editorial Board Member of Molecules (MDPI)
Since 2019	Advisory Board Member of Schering Foundation
Since 2012	Teaching assignment at the Institute for Organic Chemistry, Johannes Gutenberg-Universität, Mainz
Since 2012	elected as “Junior Faculty” of the “Max Planck Graduate Center” (MPGC)

- **TEACHING**

Lecture „Macromolecular Chemistry 2 – Advanced Polymer Science“ Uni Mainz, 2019/2020 (shared)
Lecture “Makromolekulare Chemie“, Uni. Ulm WS 2016/2017, WS 2017/2018
Lecture „Einführung in die Organische Chemie“ Uni. Ulm SS 2017/ WS 2017/2018
Lecture “Polymer Materials“, Uni. Ulm WS 2016/2017, WS 2017/2018
Lecture “Einführung in die Organische Chemie OC-1” JGU Mainz, 2012, 2013, 2014, 2015
Lecture „Biopolymere“ JGU Mainz, 2015, 2016, 2018 (shared)
Lecture „Einführung in die Makromolekulare Chemie“ JGU Mainz, 2013, 2015, 2016
Seminar „Einführung in die Makromolekulare Chemie“ 2013, 2015, 2016
Lecture „Chemie für Biologen“ JGU Mainz, 2012
Lecture „Polymer Physics“ EPFL (CH), 2010-2011
Chair of PhD Seminar of the Max Planck Graduate Center 2012-2014

- **RESEARCH INTERESTS**

Sustainable Polymer and Materials Chemistry, biomimetic macromolecular chemistry, drug delivery, stimuli-responsive and degradable polymers, functional polymers, nanocarriers, flame retardants, biopolymers, recyclable composites, biomass conversion.



- **INVITED LECTURES (Selection)**

Australasian Polymer Symposium 2019, European Polymer Congress (EPF) 2019, Frontiers in Polymer Science 2019, ACS Meeting 2018, Macromolecular Colloquium Freiburg 2018, Warwick Polymer Conference 2016; ACS Meeting 2016; IUPAC Symposium on Ionic Polymerization 2017, 2015, 2013; Makromolekulares Colloquium Freiburg 2015, 2018; CIMTEC 2014 - 6th Forum on New Materials 2014; 5th EuCHEMS Chemistry Congress 2014; Green Materials Symposium 2016.

- **SCIENTIFIC CONTRIBUTIONS (1/2020)**

Number of Publications: 184; 6 patents, 7 book chapters.

Citations: 5958, ***h*-index:** 43, ***i10*-index:** 117 (Google Scholar).

Peer Reviewer for Journals: Nat. Comm., Nat. Chem., Nat. Mater. Rev., J. Org. Chem., J. Am. Chem. Soc., Angew. Chem., Small, Polym. Chem., Eur. Polym. J., Macromolecules, ACS Macro Lett., Biomacromolecules, RSC Adv., Chem. Comm., Chem. Sci., Chem. Rev., Prog. Polym. Sci., Polymer, Soft Matter, ACS Appl. Polym. Mater., ACS Appl. Polym. Mater., Polym. Stab. Deg., Macromol. Chem. Phys., Macromol. Rapid. Comm., Langmuir, Acta Biomater., ACS Omega, ACS Central Science, Chem. Eur. J., ChemPlusChem, Polym. Int. etc.

Peer Reviewer for Funding Agencies (selection): Deutsche Forschungsgemeinschaft, Humboldt Stiftung, European Research Council and Commission, Bundesministerium für Bildung und Forschung, etc.