

<b>WORK EXPERIENCE:</b>	<i>Since 09/2012</i>	<i>Julius-Maximilians-Universität Würzburg</i>	<i>Würzburg, Germany</i>
	W2-Professor for Functional Polymer Materials at the Lehrstuhl für Chemische Technologie der Materialsynthese, Department Chemistry and Pharmacy.		
	<i>01/2012-08/2012</i>	<i>Technische Universität Dresden</i>	<i>Dresden, Germany</i>
	Research Fellow and Habilitand <i>Pseudo-polypeptides as Biomaterials</i> . Professur für Makromolekulare Chemie, Prof. Jordan, Department Chemie.		
	<i>01/2009-12/2012</i>	<i>Technische Universität Dresden</i>	<i>Dresden, Germany</i>
	KAUST-Research Fellow and Habilitand <i>Polypeptide nanocontainers for drug delivery</i> . Professur für Makromolekulare Chemie, Prof. Jordan, Department Chemie.		
	<i>05/2008-12/2008</i>	<i>University of Nebraska Medical Center</i>	<i>Omaha, NE, USA</i>
	Research Associate <i>Noninvasive imaging using novel micellar nanocontainers</i> at the Center for Drug Delivery and Nanomedicine, group of Prof. Alexander Kabanov.		
	<i>04/2008</i>	<i>Technische Universität München</i>	<i>München, Germany</i>
	Research Associate at the WACKER-Lehrstuhl für Makromolekulare Chemie (PD Dr. Rainer Jordan).		
<i>10/2007-03/2008</i>	<i>University of Nebraska Medical Center</i>	<i>Omaha, NE, USA</i>	
Visiting Research Scholar <i>Investigation of effects of structural variation and composition of amphiphilic poly(2-oxazoline) block copolymers on multi drug resistant cancer cells</i> , postdoctoral fellow of the German Academic Exchange Service (DAAD) at the Center for Drug Delivery and Nanomedicine, group of Prof. Alexander Kabanov.			
<i>11/2000-02/2004</i>	<i>Nuklearmedizinische Klinik und Poliklinik, Klinikum rechts der Isar</i>	<i>München, Germany</i>	
Student assistant Synthesis of $^{18}\text{F}$ -labeled glucose (FDG) for tumor and brain PET diagnostics (Prof. H.-J. Wester).			
<b>EDUCATION:</b>	<i>04/2004-09/2007</i>	<i>Technische Universität München</i>	<i>München, Germany</i>
	PhD thesis (summa cum laude, 1.0) <i>Novel Functional Poly(2-oxazoline)s as Potential Carriers for Biomedical Applications</i> , with PD Dr. Rainer Jordan at the WACKER-Lehrstuhl für Makromolekulare Chemie, TU München.		
	<i>10/1998-02/2004</i>	<i>Technische Universität München</i>	<i>München, Germany</i>
	University diploma in chemistry (diploma, 1.6) major in macromolecular science 08/2003-02/2004: diploma thesis (1.3) with Prof. O. Nuyken and Dr. R. Jordan at TU München.		
	<i>11/2002-02/2003</i>	<i>Polytechnic University Brooklyn</i>	<i>Brooklyn, NY, USA</i>
Research student Research project in organic synthesis (Oligo- <i>p</i> -phenylene acetylenes via Sonogashira coupling reaction) with Prof. A. Ulman and Dr. K. Loos.			

	07/2001-12/2001	University of Sydney	Sydney, Australia
	Research student Research project in bioinorganic chemistry (EPR-Studies on Cr(V)-hydroxamic acid complexes) with Prof. P.A. Lay and Dr. R. Codd.		
<b>TEACHING EXPERIENCE:</b>	Labcourses Technical, Organic and Macromolecular Chemistry. Research interns in organic and technical chemistry. Teaching of chemical laboratory worker apprentices. Co-advisor and Advisor of $\geq 12$ Bachelor theses, 2 Diplomatheses, 5 Master theses and 3 PhD thesis. Lecture (MSc-level): Polymers in medicine. Lecture (MSc-level): Polymer chemistry Lecture (Lecture series "Trends in Natural Sciences"): Nanomedicine: Facts, Fiction and Research.		
<b>SELECTED PUBLICATIONS:</b>	[1] R. Luxenhofer, R. Jordan, <i>Macromolecules</i> <b>2006</b> , <i>39</i> , 3509-3516. [2] F.C. Gaertner, R. Luxenhofer, B. Blechert, R. Jordan, M. Essler, <i>J. Control. Release</i> , <b>2007</b> , <i>119</i> , 291-300. [3] R. Luxenhofer, A. Schulz, C. Roques, S. Li, T. K. Bronich, E. V. Batrakova, R. Jordan, A. V. Kabanov, <i>Biomaterials</i> <b>2010</b> , <i>31</i> , 4972-4979 [4] C. Fetsch, A. Grossmann, L. Holz, J.F. Nawroth, R. Luxenhofer, <i>Macromolecules</i> <b>2011</b> , <i>44</i> , 6746-6758. [5] C. Fetsch, R. Luxenhofer, <i>Macromol. Rapid Commun.</i> <b>2012</b> , <i>33</i> , 1708.		
<b>LABORATORY EXPERIENCE:</b>	Chemistry: GPC, NMR, ATR-IR, RP-HPLC, GC, MALDI-TOF / ESI-MS, UV-Vis Organic synthesis, living polymerisation (cationic) and polymer analog modifications (including radiolabeling), inert gas/Schlenk technique, glove-box, hydrogels. Biophysical characterization of polymers. Cell Biology: Immunocytochemistry, cytotoxicity (e.g. MTT) and investigation of interaction of polymers with cells. Investigation of cellular uptake and subcellular distribution of nanomaterials (flow cytometry, confocal microscopy).		
<b>AWARDS ET AL.</b>	05/2012	Best Poster Award at ISPT 12	
	05/2012	Offer for Professur für polymere Funktionswerkstoffe, Universität Würzburg	
	2012	Fond der Chemischen Industrie, junior faculty support grant	
	2010-2015	Co-investigator NCI Alliance for Nanotechnology in Cancer, Cancer Nanotechnology Platform Partnership (PI A. Kabanov)	
	2009-2011	KAUST Global Research Partnership Fellow	
	10/2008	Best Poster Award on NanoDDS 08	
	02/2007	Best Poster Award at ISPT 07	
	10/2007-03/2008	DAAD Postdoc Sholarship	
	2002/03	Various scholarships of the TU München	
	11/2002-02/2003	Travel- und research scholarship of the Deutsche Forschungsgemeinschaft and the National Science Foundation (US)	
<b>OTHER ACTIVITIES:</b>	Reviewer for Polymer Chemistry, Soft Matter, Molecular Pharmaceutics, Biomaterials, Advances in Polymer Science, Chemical Communications (selection) Reviewer for Austrian and Czech Science Foundation Member of the Editorial Board of ISRN Biomaterials		
<b>LANGUAGES:</b>	German:	native	
	English:	fluent in writing, reading and speaking	
	Spanish:	advanced in reading, basic level in speaking and writing	
<b>MEMBERSHIPS:</b>	since 03/2003: member of GDCh with macromolecular chemistry section since 06/2006: member of ACS (with POLY section) since 01/2012: member of the German Association of University Professors and Lecturers (Deutscher Hochschulverband)		