

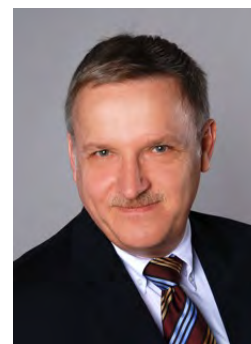


SYNOPSIS: ANDREAS GREINER

1. Personal data:

Date of Birth: 5. August 1959

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2. Curriculum vitae

Education

1978	Abitur, Otto-Hahn-Schule, Hanau, Germany.
1978 - 1980	Army.
1980 - 1986	Diploma in Chemistry, Department of Chemistry, University of Marburg, Germany.
1986 - 1988	Ph. D. in Polymer Chemistry, Department of Chemistry, University of Marburg.
1989 - 1990	Postdoc at the University of California, Santa Barbara, USA.
1990 - 1995	Habilitation for Macromolecular Chemistry, Department of Chemistry, Philipps-University Marburg, Germany.

Professional experience

1995 - 1996	Adjunct professor, Department of Chemistry, University of Marburg.
1996 - 1999	University lecturer, Department of Chemistry, University of Marburg.
1999 - 2000	Associate Professor for Macromolecular and Organic Chemistry, Johannes-Gutenberg University Mainz, Germany
2000-2012	Full professor for Macromolecular Chemistry and Technology, Department of Chemistry, University of Marburg, Germany. Full professor for Macromolecular Chemistry, Department of Chemistry, University of Bayreuth, Germany
since Oct. 2012	University of Bayreuth, Germany
since Nov. 2013	Chief of Department "Field of Development" in Neue Materialien Bayreuth GmbH (http://www.nmbqmbh.de/index.php?id=16&L=4)

Awards and other professional responsibilities

1999	Arthur K. Doolittle Award
2000	GDCh District Chairman
2002	Steinhofer lecture, University of Freiburg
since 2003	Board of the Initiative Bio- und Nanotechnologie (Marburg)
2003-2004	Alternate director of the Scientific Center for Materials Science, University of Marburg
since 2006	Board of the Hermann-Schnell-Stiftung of GDCh
since 2008	Board of the Förderverein Chemikum (Marburg)
since 2009	Board of the <i>Fachgruppe Makromolekulare Chemie</i> , GDCh Board of the <i>Fachsektion Nanotechnologie</i> of Dechema
since 2011	DFG Review Board for Polymerforschung
since 2012	Chairman of the executive board of polymer section BAYNAT, Bayreuth
since 2013	Editor-in-Chief of e-Polymers

3. Research profile

Present research topics are general monomer and polymer synthesis, electrospinning of polymer nanofibers, polymer-functionalized nanoparticles, artificial molecules, poly(p-xylylene)s (parylene), functional polymer dispersions, polymers for coatings, filtration, textiles, medicine, pharmacy, and agriculture, antibacterial, superhydrophobic polymers, light weight foams, living membranes.

4. 10-year track-record

- Scientific papers > 280; granted patents > 20; Scientific lectures > 100
- H-Index 49; m-Index: 1.96; > 10.000 citations; 38,94 citations/paper.
- Ranking Materials Scientists No. 36 / 500.000 (Thomson / Reuters 2010; <http://www.sciencewatch.com/dr/sci/misc/Top100MatSci2000-10/>)

5. The five most important publications past 5 years

E. Giebel, C. Mattheis, S. Agarwal, A. Greiner
Chameleon nanofibers by Green Electrospinning
Adv. Funct. Mater. 2013, **23**, 3156-3163.

P. Bansal, K. Bubel, S. Agarwal, A. Greiner
Water-Stable All-Biodegradable Microparticles in Nanofibers by Electrospinning of Aqueous Dispersions for Biotechnical Plant Protection
Biomacromolecules 2012, **13**, 439-444.

S. Chen, H. Hou, F. Harnisch, S. Patil, A. A. Carmona-Martinez, S. Agarwal, Y. Zhang, S. Sinha-Rey, A. Yarin, A. Greiner, U. Schröder
Electrospun and solution blown three-dimensional carbon fiber nonwovens for application as electrodes in microbial fuel cells
Energy Environ. Sci. 2011, **4**, 1417-1421.

M. Gensheimer, A. Brandis-Heep, S. Agarwal, R. K. Thauer, A. Greiner
Polymer/Bacteria Composite Nanofiber Nonwovens by Electrospinning of Living Bacteria Protected by Hydrogel Microparticles
Macromol. Biosci. 2011, **11**, 333-337

J. Sun, K. Bubel, F. Chen, T. Kissel, S. Agarwal, A. Greiner
Nanofibers by Green Electrospinning of Aqueous Suspensions of Biodegradable Block Copolyesters for Applications in Medicine, Pharmacy and Agriculture
Macromol. Rapid Commun. 2010, **31**, 2077-2083