

Jun. Prof. Dr. -Ing. Alexander Grünberger

Birthday/place: 28.02.1985 in Bruchsal
Scientific degree: Dr.-Ing. (Bioprocess Engineering)
Current position: Juniorprofessor

Contact details

Universität Bielefeld
 Technische Fakultät
 Multiscale Bioengineering
 Universitätsstraße 25
 33615 Bielefeld

Phone: 0049251/106-5289

E-Mail: alexander.gruenberger@uni-bielefeld.de



Education

Dr. -Ing.	RWTH Aachen, <i>Biochemical/Bioprocess Engineering</i>	“summa cum laude”	2010-2014
Diplom	Karlsruhe Institute of Technology (KIT), <i>Bioprocess Engineering</i>	“excellent”	2004-2010
Certificate	Karlsruhe Institute of Technology (KIT), <i>Applied Studies of Culture and Society</i>	“excellent”	2005-2008
Abitur	Justus Knecht Gymnasium, Bruchsal	„Ø=1.7”	1995-2004

Research Experience

Jun. Prof.	Bielefeld University, <i>Faculty of Technology, Multiscale Bioengineering group</i>	2017-today
Postdoctoral student	Forschungszentrum Jülich GmbH, <i>IBG-1: Biotechnology</i>	2014-2019
PhD student	Forschungszentrum Jülich GmbH, <i>IBG-1: Biotechnology</i>	2010-2014
Diplomathesis	University of Delaware, <i>Department of Chemical Engineering, USA</i>	2009-2010
Research paper	University of Queensland, <i>Institute for Molecular Bioscience, Australia</i>	2008
Internship	Wehrle Environmental, <i>Plant engineering and construction</i> <i>Witney/United Kingdom</i>	2007-2008

Selected Awards and Scholarships

Selected Awards

VAAM PhD Award 2015

(PhD-Award / VAAM)

Klaus-Goerttler Award 2014

(PhD-Award / German Society for Cytometry)

Bioeconomy PhD Award 2014

(PhD-Award / Bioeconomy Science Center)

Scholarships

Helmholtz Postdoctoral Fellow 2016

(2016-2019)

Friedrich-Naumann Fellow

(Mai 2007- Juli 2010)

Friedrich-Naumann Travel Fellow

(2008 und 2009-2010)

Additional awards:

- Elected member of „Dechema Zukunftsforum Biotechnologie“
- Elected member of the „Junges Kolleg“ (NRW Akademie der Wissenschaften und Künste)

Scientific Interest

Engineering

- Nano & microfluidics
- Bioprocess development
- Bioeconomy
- Life-cell imaging
- Scale-up and Scale-down

Biotechnology

- Single-cell cultivation and analysis
- Population heterogeneity
- Industrial microbiology
- Synthetic biology
- Optogenetics

Memberships and Networks

- Member of VDI, Dechema, VAAM and Hochschulverband (DHV)
- Alumni of *Friedrich Naumann Stiftung (VSA)*
- Alumni of *Kulturinitiative e.V.*