

## Curriculum Vitae

Prof. Dr. rer. nat. Janina Bahnemann



### Research Topics

Development of integrated continuous flow systems for transient transfection, cultivation and monitoring of mammalian cells.

**Keywords:** Cell culture; Microfluidic systems; Bioprocess technology; Bioanalytics; 3D-printing; Additive manufacturing; Biosensor development, Point-of-Care diagnostics

### Current Position

Since 04/2022 **Full Professor of Biotechnology**  
Focus on chip-based sensor and analytical methods  
Institute of Physics, University of Augsburg, Germany  
[www.uni-augsburg.de/de/fakultaet/mntf/physik/](http://www.uni-augsburg.de/de/fakultaet/mntf/physik/)



### Scientific & Professional Background

04/2021-03/2022 **Substitute Professorship (W3) / Head of Cell Culture Technology**  
Faculty of Technology, Bielefeld University



11/2016-03/2022 **Emmy Noether Fellow / Junior Research Group Leader**  
for Cell Culture and Microsystems Technology  
Institute of Technical Chemistry, Leibniz University Hannover, Germany



03/2015-11/2016 **Postdoctoral Research Fellow**, Bill & Melinda Gates Foundation  
Department of Environmental Science, California Institute of Technology (Caltech), Pasadena, California, USA  
with Prof. Dr. Michael R. Hoffmann



10/2013-03/2015 **Product Manager and Safety Officer**  
Pharmaceutical Research & Development, PlantTec Medical GmbH, Germany



01/2010-06/2013 **Doctoral Studies (Dr. rer. nat.)**  
Institute of Bioprocess and Biosystems Engineering, Hamburg University of Technology  
with Prof. Dr. An-Ping Zeng



10/2007-12/2009 **Master of Science (Life Science)**  
Leibniz University Hannover, Germany



08/2008-10/2008 **Research Assistant**  
School of Pharmacy & Life Sciences, The Robert Gordon University Aberdeen, UK  
with Prof. Dr. Linda Lawton



10/2004-10/2007 **Bachelor of Science (Life Science)**  
Leibniz University Hannover, Germany



### Scholarships, Awards and Memberships

2018-2022 Founding member and elected chairwoman of the „Junge BWG“

2020 Award for Outstanding Young Faculty in Biotechnology, DECHEMA (Hochschullehrer-Nachwuchspreis für Biotechnologie)

2018-2022 Member of the Zukunftsforum Biotechnologie, DECHEMA

Since 2018 Member of Rotary International, Rotary Club Hannover-Leibniz

2018 Max Buchner Research Grant funded by DECHEMA

Since 2017 Emmy Noether Research Grant funded by DFG

2017 Kickoff-Cooperation Stipend funded by the German Technion Society

Since 2017 Member of the Deutschen Technion-Gesellschaft e.V.