

## Personal Data

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Forschungszentrum Jülich GmbH

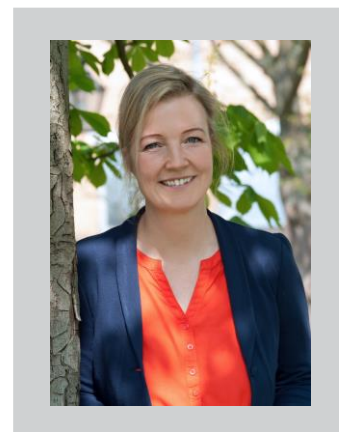
IBG-1: Biotechnology

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## Professional Career

- |           |  |
|-----------|--|
| 2019      | Group leader of group `Biocatalysis`,<br>IBG-1: Biotechnology, Forschungszentrum Jülich GmbH   |
| 2018      | Full-Prof. for `Synthetic Enzyme Cascades` at RWTH Aachen University   |
| 2015      | Jun.-Prof. at RWTH Aachen University   |
| 2012      | Helmholtz-young investigators group leader, Forschungszentrum Jülich GmbH  |
| 2009-2011 | Postdoctoral student, IBG-1: Biotechnology, Forschungszentrum Jülich GmbH  |
| 2008-2009 | DFG-Postdoc scholarship, RWTH Aachen University  |
| 2004-2007 | Dr. rer. nat., Heinrich-Heine University Düsseldorf<br>(research stays: Karolinska Institute Stockholm (Sweden),<br>University of Freiburg, University of Stuttgart) |
| 2003-2004 | researcher, Martin-Luther University Halle Wittenberg  |
| 1997-2003 | Diploma in Biology, RWTH Aachen University<br>(ERASMUS-scholarship: Lund Technical University (Sweden),<br>DAAD-scholarship: University Complutense Madrid (Spain))  |

## Key Research Activities

- Synthetic (chemo-)enzymatic cascades
- Integrated engineering – from fundamental research to application
- Biocatalysis in unconventional media

## **Selected Activities and Memberships**

Member of the selection committee for the GDCh-Prize for Biocatalysis

Member of the early career advisory board (ECAB) of 'ACS catalysis' (2017/18)

PI of EU FET-OPEN Project 'HOTZYMES' (2019-2022)

ERC starting grant 'LightCas' (2018-2022)

PI of FocusLab 'HyImPAct', Bioeconomy Science Center (2017-2020)

PI of DFG-research group 1296 'Diversity of asymmetric thiamine catalysis' (2014-2017)

Member COST-action CM 1303 'Systems Biocatalysis' (2013-2017)

PI of CLIB2021 'Graduate Cluster Industrial Biotechnology' (2010-2014)

PI of Marie-Curie Initial Training Network 'BIOTRAINS' (2010-2013)

PI of DFG-graduate school 'BIONOCO' (2010-2014)

## **Honors and Awards**

2019            Biotrans Junior Award

2018            DECHEMA Preis

2017            ERC starting grant

2017            grant Helmholtz W2-Programme

2014            supervision award from the Bioeconomy Science Center, Germany

2012            grant Helmholtz-Young Investigator group

2009 - 2013   five poster awards at internationally renowned conferences

2010            Jülich Excellence Prize for outstanding research

2008            PhD-thesis *summa cum laude*