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## Dr. rer. nat. SANDY SCHMIDT

s.schmidt@rug.nl

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### CURRENT POSITION

**Assistant Professor** (Rosalind Franklin Fellow), Department of Chemical and Pharmaceutical Biology, Groningen Research Institute of Pharmacy Institute, Faculty of Science and Engineering, University of Groningen, NL

### EDUCATION

- 2015                      **PhD in Biocatalysis** (*summa cum laude*, with distinction)  
University of Greifswald, Institute of Biochemistry, Germany
- 2012                      **Diploma in Biochemistry** (Diplom Biochemikerin, equiv. M. Sc.)  
University of Greifswald, Institute of Biochemistry, Germany

### PAST POSITIONS

- Feb 2017 –              **Group Leader**  
Mar 2020              Graz University of Technology, Austria
- Dec 2015 –              **Postdoctoral Researcher**  
Jan 2017              Delft University of Technology, The Netherlands

### HONORS AND AWARDS

- 2020                      Rosalind Franklin Fellowship (awarded competitively)
- 2018                      Poster award, Gordon Research Conference on Biocatalysis, July 8-13, 2018, Biddeford, USA
- 2018                      Max Buchner Research Fellowship (awarded competitively)
- 2015                      Poster Award, Biotrans Research Conference 2015, Vienna, Austria
- 2015                      Travel grant from the German Academic Exchange Service (DAAD)
- 2015                      Travel grant from the Gesellschaft Deutscher Chemiker (GdCh)
- 2015                      Travel grant from the promotion program for women (University of Greifswald)

### THIRD-PARTY FUNDED PROJECTS

- Coordinator of MSCA-ITN-EJD ConCO<sub>2</sub>rde (grant agreement no. 955740), total 2.9 M€ (531 k€ awarded to my group)
- Principal Investigator in MSCA-ITN-EJD PhotoBioCat (grant agreement no. 764920), 255 k€ awarded to my group)
- Initial funding, Graz University of Technology, 6.000 € (2019)
- Initial funding, Graz University of Technology, 6.000 € (2018)

### ACTIVITIES WITHIN THE SCIENTIFIC COMMUNITY

#### *Conference organization*

- The "**Next Generation Biocatalysis - An International Young Investigator**" **Symposium**. I am co-chair of this meeting together with Dr. Caroline E. Paul (TU Delft) and Dr. Christoph Winkler (University of Graz). This symposium started in February 2021 online, and will be organized from now on annually. This symposium aims to attract national as well as international Master and PhD students, PostDocs and young PIs to give them the opportunity to showcase their research amongst other young researchers, discuss ideas, create or reinforce collaborations, and career experiences.
- The **AmineBiocat 5.0 Conference**. I am co-chair of this meeting together with Prof. Gerrit J. Poelarends and Dr. Kristina Haslinger (RUG). This symposium will take place in Groningen in November 2022. The conference features international keynote speakers and a poster presentations from researchers working in the field of biocatalytic amine synthesis.
- **BiotechCareers - Gender equality in a fast moving industry**. In 2018, I co-initiated and organized a yearly event series on career challenges and opportunities for women in academia. The invited female Professors gave talks about their research, followed by a panel discussion with students and researchers as audience.

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### *Selection of conference proceedings*

2020	Dutch Biocatalysis Symposium 2020, online, Invited oral presentation
2019	Japan-Germany-Switzerland Workshop for Enzyme Technology and Bioprocess Development, Toyama, Japan, Oral presentation
2018	Gordon Research Conference on Biocatalysis, Biddeford, USA, Poster award with selected oral presentation
2018	8th CeBiTec Research Conference / BIOCASCADES Symposium, Bielefeld, Germany, Oral presentation
2016	Symposium on Biotechnology 2016, Delft, The Netherlands, Invited oral presentation
2016	Biocat Research Conference 2016, Hamburg, Germany, Oral presentation

### *Additional / special teaching activities*

2020	Lecturer in Advanced course on biocatalysis and protein engineering, <a href="#">BioTech Delft</a>
2017	Guest lecturer at TU Delft
2016	Independent conception and lecturer of a bioinformatics course for PhD students
2016	Tutor in Advanced course on biocatalysis and protein engineering, <a href="#">BioTech Delft</a>

### *Reviewer for Journals and Funding Organizations*

- Reviewer for scientific journals e.g. Nature, Science, Angewandte Chemie, ACS Catalysis, ChemCatchem, ChemBioChem etc.
- External grant reviewer at EURONORM

### *Editorial activity*

- Editorial Board member of the RÖMPP, since 2021
- Associate Editor for [Frontiers in Catalysis](#) (Biocatalysis section), since 2020
- Guest Editor for the ChemBioChem/ChemCatChem [Special Issue "PhotoBioCat"](#), 2021
- Guest Editor for the ChemBioChem Special Issue "[NextGenBiocat](#)", 2021
- Guest Editor for the Catalysts [Special Issue "Biocatalytic Cascade Reactions"](#), 2021
- Topic Editor for the Frontiers in Catalysis [Research Topic "Illuminating Biocatalysis: Using the Power of Light to drive or regulate Enzymatic Reactions"](#), 2021
- Editor of the Book "[The autotrophic biorefinery: Organisms and enabling technologies](#)" (together with Prof. Robert Kourist), Publisher: DeGruyter, 2021

### *Work in Committees*

2021	Van meenenmiddelen committee, Groningen Research Institute of Pharmacy, RUG
2017 – 2020	Study Commission "Molecular and Technical Biosciences", Graz University of Technology

### *Memberships*

Since 2020	Nederlandse Biotechnologie Vereniging
2018 – 2020	Member of the Field of Expertise „Human & Biotechnology“, TU Graz
Since 2014	Gesellschaft Deutscher Chemiker e. V. (GDCh)
Since 2017	Gesellschaft für Chemische Technik und Biotechnologie e.V. (Dechema)

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**PUBLICATIONS SUMMARY**

30 articles in peer-reviewed journals (e.g. 3 in Angewandte Chemie Int. Ed. with IF 15.33, 1 ACS Catalysis with IF 13.08)
5 book chapters
1 book
1 patent application
1 article in a non-reviewed Journal
Several public outreach activities (press releases, blogs), e.g. <a href="#">Spirit of Styria Issue 09/2018</a> , <a href="#">Interview for Mix-Up Blog</a>

**Publications in peer-reviewed journals:** 1293 citations (H-Index 19)

**FOR FULL LIST OF PUBLICATIONS PLEASE SEE:**

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