

Curriculum Vitae

Dr. Anna Müller

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Studies, Academic Degrees, Professional Background

2005 - 2009 Studied Molecular Biomedicine; earned Diploma in Molecular Biomedicine
2010 - 2014 Specialized in Microbiology; PhD in Molecular Biomedicine
2015 - 2018 Research Fellow, Pharmaceutical Microbiology, University of Bonn
2018 - today Scholarship "Funding for Young Scientists to Establish their Field of Research" (BONFOR Program of the Medical Faculty, University of Bonn)

Awards and Honours

2012 Selected poster-talk, VAAM (Vereinigung für Allgemeine und Angewandte Mikrobiologie e.V.) Annual Meeting (Tübingen, Germany)
2015 DZIF/DGHM Dissertation Prize
2016 Talk: „Tear down the wall - Bacterial cell wall biosynthesis as a target for (new) antibiotics“; SHAMROK launch symposium (Sheffield, United Kingdom)
2018 Talk: „A systematic analysis platform to elucidate the mechanism of action of novel antibiotics“; BIO.NRW.academy "Young Science meets Industry" (Jülich, Germany)

Current Research Interests

- Mechanism of action studies and identification of targets for (novel) antibiotics
 - Antibiotic resistance mechanisms
 - Biochemistry and regulation of the cell wall biosyntheses, in particular peptidoglycan, wall teichoic acid and capsule biosynthesis of gram-positive bacteria
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Memberships

Since 2009 Member of the „Association for General and Applied Microbiology“ (VAAM)
Since 2015 Member of the „German Society for Hygiene and Microbiology“ (DGHM)
