



Curriculum Vitae

Personal information **Patrick Rühl**

Work experience

1. Employer: Paul_Ehrlich_Institut
 - Start date: 04/2020
 - End date: -
 - Position: Quality Assessor
 - Activities:
 - Country: Germany

Education and training

1. Subject: Technical University of Darmstadt (PhD)
 - Start date: 10/2015
 - End date: 12/2019
 - Qualification: PhD in Microbiology (Dr. rer. nat.)
 - Organisation: PhD thesis: Schwefel und Persulfid (Di-)Oxygenasen: Biochemische, spektroskopische und strukturelle Eigenschaften und deren Einfluss auf die Reaktionsmechanismen (Sulfur and persulfide (di-) oxygenases: Biochemical, spectroscopic and structural properties and their impact on the reaction mechanisms)
 - Country: Germany
2. Subject: Technical University of Darmstadt (M.Sc)
 - Start date: 10/2013
 - End date: 09/2015
 - Qualification: Master (M.Sc) in Biology
 - Organisation: TU Darmstadt
 - Country: Germany
3. Subject: Technical University of Darmstadt (B.Sc)
 - Start date: 10/2010
 - End date: 07/2013
 - Qualification: Bachelor (B.Sc.) in Biology
 - Organisation: TU Darmstadt
 - Country: Germany

Additional information

Publications

Rühl P., Haas P., Seipel D., Becker J. & Kletzin A. (2018) Persulfide Dioxygenase From *Acidithiobacillus caldus*: Variable Roles of Cysteine Residues and Hydrogen Bond Networks of the Active Site. *Front Microbiol*, 9: (1610).

Rühl P. & Kletzin A. (2017) The Sulfur Oxygenase Reductase Activity As say: Catalyzing a Reaction with Elemental Sulfur as Substrate at High Temperatures. *Bio Protoc*, 7: (14).

Rühl P., Pöll U., Braun J., Klingl A. & Kletzin A. (2017) A Sulfur Oxygenase from the Haloalkaliphilic Bacterium *Thioalkalivibrio paradoxus* with Atypically Low Reductase Activity. *J Bacteriol*, 199: (4), e00675_16.

Projects

Memberships

Other Relevant Information