

Marta Bogacz

marta.bogacz@bzh.uni-heidelberg.de

Research experience

2014-Present	PhD Student Topic: The role of the tryparedoxin peroxidases Px I-III in <i>T. brucei</i> AG Krauth-Siegel, Biochemistry Center, Heidelberg University, Germany
2013-2014	Intern Topic: Construction of P22-based challenge phage to investigate HilD and RcsB binding to their recognition sites within the flhDC promoter of <i>S. Typhimurium</i> Helmholtz Centre for Infection Research, Braunschweig, Germany; Infection Biology of Salmonella; Research supervisor Dr. Marc Erhardt
2012-2013	Master student Topic: Bactericidal properties of selected hen egg white proteins adsorbed on montmorillonite Faculty of Biological Sciences, Institute of Genetics and Microbiology, University of Wrocław, Poland; Research supervisor: Dr. Gabriela Bugła-Płoskońska

Education

2014-Present	PhD Student , Heidelberg University, Heidelberg, Germany
2011-2013	M.S. in Biology , University of Wrocław, Wrocław, Poland
2008-2011	B.S. in Biology , University of Wrocław, Wrocław, Poland

Languages

Polish	Native proficiency
English	Professional working proficiency
German	Limited working proficiency
Norwegian (Bokmål)	Elementary proficiency

Publications

- Liu, I., et al. (2016).** "Catalytic properties, localization, and in vivo role of Px IV, a novel tryparedoxin peroxidase of *Trypanosoma brucei*." *Mol Biochem Parasitol* 207(2): 84-88.
- Schaffroth, C., et al. (2016).** "The cytosolic or the mitochondrial glutathione peroxidase-type tryparedoxin peroxidase is sufficient to protect procyclic *Trypanosoma brucei* from iron-mediated mitochondrial damage and lysis." *Mol Microbiol* 99(1): 172-187.