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Upon completing the Master's programme "Biotechnology" at the University of Technology in Graz, I am working as PhD fellow in the group of Prof. Anton Glieder at institute of Molecular Biotechnology in Graz. Currently I am part of the TU Graz ROBOX team, which contributes to the ROBOX Horizon 2020 project by providing new and robust hydroxylation catalysts and innovative co-expression technologies for biocatalysis.

- 10/2015 - now **PhD student, Graz University of Technology, Engineering and production of robust oxygenases;**
- 01 – 06/2015 **Research fellowship at the Institute for Molecular Biotechnology, Graz University of Technology,**
Novel methods for targeted genome engineering in Pichia pastoris;
- 11 - 12/2014 **Bisy e.U.,Graz/Hofstätten an der Raab,**
Development of new and robust hydroxylation catalysts and innovative co-expression technologies for biocatalysis;
- 04 - 10/2014 **Master's thesis at the Institute for Molecular Biotechnology, Graz University of Technology,**
Novel methods for targeted genome engineering in Pichia pastoris;
- 01 - 06/2013 **Research fellowship at the Institute for Molecular Biotechnology, Graz University of Technology,**
Expression and characterization of plant peroxidase isoenzymes;
- 07 - 09/2013 **Summer internship, VTU technology GmbH, Grambach,**
Pichia pastoris protein expression;
- 07 - 09/2012 **Bachelor's thesis at the Institute for Molecular Biosciences, University of Graz,**
Production, purification and co-crystallization of IgE derived anti-Phi p 5 Fab with domain specificity;
- 02 - 03/2012

Research interests

Genome engineering, *P. pastoris* as expression host, molecular biotechnology;

Publications

- 03/2016 Weninger A. et al.: Combinatorial optimization of CRISPR/Cas9 expression enables precision genome engineering in the methylotrophic yeast *Pichia pastoris*, *Journal of Biotechnology* 2016; S0168-1656(16)30134-1. doi: 10.1016/j.jbiotec.2016.03.027.
- 11/2015 Weninger A. et al.: Key Methods for *Synthetic Biology: Genome Engineering and DNA Assembly*, Book chapter in "Synthetic Biology" ISBN: 978-3-319-22707-8 (Print) 978-3-319-22708-5 (Online)
- 09/2015 Weninger A. et al.: A toolbox of endogenous and heterologous nuclear localization sequences for the methylotrophic yeast *Pichia pastoris*, *FEMS Yeast Research* 2015; 15(7)