

Curriculum vitae

Personal Data

Name: Mag. Biol. Andrea Eigentler, Bakk. Biol., PhD

Date of birth: 21st of April 1982

Nationality: Austria

E-Mail: andrea.eigentler@i-med.ac.at

Training and Employment

since 10/2013	BMA at the Department of Urology, Innsbruck, Medical University; Research group of Dr. Martin Pühr.
11/2011-09/2013	PostDoc at Oroboros Instruments Corp; High-Resolution Respirometry; Dr. Erich Gnaiger; Innsbruck, Austria.
05/2011-11/2011	PostDoc at the Division of Molecularbiology, Innsbruck, Medical University; Biocenter; Research group "Applied Mycology", Prof. Dr. Florentine Marx-Ladurner.
04/2011	Graduation PhD
01/2008- 04/2011	PhD student at the Division of Molecularbiology, Innsbruck, Medical University; Biocenter; PhD program "Regulation of gene Expression during growth, development and differentiation". Research group "Applied Mycology", Prof. Dr. Florentine Marx-Ladurner.
11/2007	Graduation Mag. Biol.
03/2006-11/2007	Master studies in Biology with specialization in molecular biology at the Leopold Franzens University, Innsbruck, Austria.
03/2006	Graduation Bakk. Biol.
11/2006 - 12/2007	BMA in the private laboratory of Dr. Rohrer, Innsbruck.
09/2005 - 09/2006	BMA in the laboratory of the private hospital "Sanatorium Kettenbrücke der Barmherzigen Schwestern", Innsbruck.
03/2004 - 08/2005	BMA at the Division of Experimental Pathophysiology and Immunology, Innsbruck, Medical University, Biocenter; Research group Immunopathology, Prof. Dr. Wick.
10/2003 - 03/2006	Bachelor studies in Biology at the Leopold Franzens University, Innsbruck.

09/2003	Degree at AZW
10/2000-09/2003	MTA Education, Ausbildungszentrum West (AZW) für Gesundheitsberufe, Tilak, Innsbruck.

Education

06/2000	Final Examination at „Katholisches Oberstufenrealgymnasium der Barmherzigen Schwestern“, Kettenbrücke, Innsbruck.
1996 - 2000	Katholisches Oberstufenrealgymnasium der Barmherzigen Schwestern, Kettenbrücke, Innsbruck.
1992 - 1996	Hauptschule der Barmherzigen Schwestern, Kettenbrücke, Innsbruck.
1988 - 1992	Primary school in Innsbruck.

Publications

1. Krumschnabel G., **Eigentler A.**, Fasching M. and Gnaiger E. (2014) Use of safranin for the assessment of mitochondrial membrane potential by high-resolution respirometry and fluorometry. *Methods Enzymol.* 2014; 542:163-81. doi: 10.1016/B978-0-12-416618-9.00009-1
2. **Eigentler A.**, Pócsi I, and Marx F (2011). The *anisin1* gene encodes a defensin-like protein and supports the fitness of *Aspergillus nidulans*. *Arch Microbiol.* 2012 Jun; 194(6):427-37. doi: 10.1007/s00203-011-0773-y. Epub 2011 Nov 24.
3. Ulrike Binder, Mojca Bencina, **Andrea Eigentler**, Vera Meyer, Florentine Marx (2011). The *Aspergillus giganteus* antifungal protein AFPNN5353 activates the cell wall integrity pathway and perturbs calcium homeostasis. *BMC Microbiology*, 11:209; doi:10.1186/1471-2180-11-209.
4. Gyula Batta, Teréz Barna, Zoltán Gáspári, Szabolcs Sándor, Katalin E. Köver, Ulrike Binder, Bettina Sarg, Lydia Kaiserer, Anil K. Chhillar, **Andrea Eigentler**, Éva Leiter, Nikoletta Hegedüs, István Pócsi, Herbert Lindner and Florentine Marx (2009). Functional aspects of the solution structure and dynamics of PAF - a highly-stable antifungal protein from *Penicillium chrysogenum*. *FEBS Journal* 276 (10): 2875 – 2890.

Poster presentations

1. **A. Eigentler**, B. de Castro Pimentel Figueiredo, T. Magnani Dinamarco, G. H. Goldman and F. Marx. The apoptosis inducing factor (AIF) - like mitochondrial oxidoreductase mediates resistance towards the antifungal protein PAF in *Aspergillus fumigatus*. 2nd Science Day of the Comprehensive Center for Infection, Immunity and Transplantation (CIIT), Innsbruck, Juni 2011.

2. **Andrea Eigentler**, István Pócsi and Florentine Marx. The *anisin1* gene encodes a defensin-like protein and supports the fitness of *Aspergillus nidulans*. Jahrestagung der Vereinigung für Allgemeine und Angewandte Mikrobiologie (VAAM), Karlsruhe, April 2011.
3. **Andrea Eigentler**, Bárbara de Castro Pimentel Figueiredo, Gustavo H. Goldman and Florentine Marx (2010). Analysis of gene expression in response to the antifungal protein PAF. IMC9 – The Biology of Fungi, Edinburgh, August 2010.
4. **Eigentler A.**, Pócsi I. and Marx F. (2009). *Aspergillus nidulans* defensin: an oxidative stress sensing protein? 9th Molecular Biology of Fungi Symposium, Münster, September 2009.
5. **Eigentler A.**, Brosch G., Pócsi I. and Marx F. (2008). A defensin - like protein from *Aspergillus nidulans* inhibits fungal growth. 9th European Conference on Fungal Genetics, Edinburgh, April 2008.