

Curriculum vitae

DI(FH) Anita Schildberger, PhD

Personal Data

Date of birth 14-08-1984, St.Pölten, Austria

Contact Danube University Krems
Dr.-Karl-Dorrek-Strasse 30
3500 Krems
Phone: +43 (0)2732 893-2624
E-Mail: anita.schildberger@donau-uni.ac.at

Current Position

since 2010 Postdoc

Center for Biomedical Technology
Department for Biomedical Research
Danube University Krems, Krems, Austria

Education

**Sep 2002 – Jun 2006 IMC Krems University of Applied Sciences –
Program Medical and Pharmaceutical Biotechnology
Krems, Austria**

2006 Graduation DI(FH)

**Aug 2006 – Sep 2010 Medical University of Vienna –
PhD Program Molecular Signal Transduction
Vienna, Austria**

2010 Promotion (PhD)

Academic and Professional Career

Jul 2004 – Sep 2004 Internship in cancer biology

German Cancer Research Center in the group of Prof. Dr. Adhelheid
Cerwenka
Heidelberg, Germany

Jul 2005 – Feb 2006 Diploma Thesis

Diploma thesis title: “NF-kB Activity in a Cell Culture-Based Model of Endotoxin-Induced Sepsis”

Department for Health Sciences and Biomedicine
Danube University Krems, Krems, Austria

Aug 2006 – Sep 2010 PhD Thesis

Doctoral thesis title: “Testing of Specific Adsorbents on Endothelial Cell Activation in a Two-Step Cell Culture Model of Gram-Negative Sepsis”;

Department for Health Sciences and Biomedicine
Danube University Krems, Krems, Austria

Since Aug 2010 Post-doctoral Training

Department for Health Sciences and Biomedicine
Danube University Krems, Krems, Austria

Mar 2012 – Dec 2012 Maternity leave

Jul 2014 – Feb 2017

Research Interests

- Pathophysiology of sepsis, www.sepsisresearch.at
- Endothelial Activation
- Cell Culture Models
- Cytokine Modulation by Extracorporeal Therapies
- Extracellular Vesicles
- Pathogen Detection

Awards

- “ESAO-Wichtig-Research Award 2009” from the European Society of Artificial Organs for the paper: “Monitoring of endothelial cell activation in experimental sepsis with a two-step cell culture model”
- Travel award of the Shock Society for the 13th Congress of the European Shock Society 2009

Memberships in Professional Societies

ÖGMBT Austrian Association of Molecular Life Sciences and Biotechnology,
www.oegmbt.ac.at

ASEV Austrian Society for Extracellular Vesicles, www.asev.at

Peer-Reviewed Articles

Pilecky M, Schildberger A, Orth-Höller D, Weber V (2018) Pathogen enrichment from whole blood for diagnostic and therapeutic applications: prospects and limitations. *Diagnostic Microbiology and Infectious Disease* <https://doi.org/10.1016/j.diagmicrobio.2018.11.015> (in press)

Schildberger A, Rossmannith E, Eichhorn T, Strassl K, Weber V (2013) Monocytes, Peripheral Blood Mononuclear Cells, and THP-1 Cells Exhibit Different Cytokine Expression Patterns Following Stimulation with Lipopolysaccharide. *Mediators of Inflammation* 697972

Schildberger A, Buchacher T, Weber V, and D Falkenhagen (2011) Adsorptive Modulation of Inflammatory Mediators Dampens Endothelial Cell Activation. *Blood Purif* 32(4):286-295.

Schildberger A, Rossmannith E, Weber V, and D Falkenhagen (2010) Monitoring of endothelial cell activation in experimental sepsis with a two-step cell culture model. *Innate Immun* 16:278- 287.

Schwanzer-Pfeiffer D, Rossmannith E, Schildberger A, Falkenhagen D (2010) Characterization of SVEP1, KIAA, and SRPX2 in an in vitro cell culture model of endotoxemia. *Cellular Immunology* 263(1):65-70