ISABELLA ELLINGER - CURRICULUM VITAE

**Name** ELLINGER, Isabella**;** néeStefaner

**Date of Birth** October 27, 1966

**Place of Birth** Vienna, Austria

**Nationality** Austrian

**Sex** Female

**Marital status** Married, two children (\*2001, \*2003)

**Place of employment**

Department of Pathophysiologie and Allergy Research (IPA)**,** Center for Pathophysiology, Infectiology and Immunology, Medical University Vienna, Austria

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**Education:**

1976-1984 High School

1984-1991 Food- and Biotechnology, University of Agriculture, Vienna, Austria

1989–1991 Diploma Thesis: “Establishment of an Expressionsystem for Mouse-Cathepsin B in Yeast- and Mammalian Cell Lines"

1991-01-31 Master of Science in Food- and Biotechnology (Dipl. Ing.)

1991-1994 Thesis: „Effect of Short-time Bile Duct Ligation on Endocytic and Transcytotic Pathways in Rat Liver“

1993Visiting Scientist at the Institute of Biochemistry, University of Lausanne, Switzerland

1993 Visiting Scientist at the Department of Molecular Biology, University of Princeton, New Jersey, USA

1994-07-01 Ph.D. (Dr. rer. nat. techn.) with first class honors, University of Agriculture, Vienna, Austria

2002 Venia docendi for Cell Biology, Medical University of Vienna, Austria

**Postgraduate Training:**

1994-1995 Postdoctoral Fellow: Department of General and Experimental Pathology, University of Vienna, Austria (now IPA, Medical University Vienna)

1996-1997 Postdoctoral Fellow: Institute of Biochemistry, University of Lausanne, Switzerland

1997-2000 Postdoctoral Fellow: Department of General and Experimental Pathology, University of Vienna, Austria (now IPA, Medical University Vienna)

**Academic Positions:**

1991-1995 Research Associate (50%), Department of General and Experimental Pathology, Univ. Vienna, Austria (now IPA, Medical University Vienna)

1997-2003 Research Associate (50%), Department of General and Experimental Pathology, Univ. Vienna, Austria (now IPA, Medical University Vienna)

2003-2008 Associate Professor (50%), Department of Pathophysiology, Medical University of Vienna, Austria (now IPA, Medical University Vienna)

Head of the Research Group for “Placental Pathophysiology”

2000 (11)

-2006 (04) Maternity leave

since 11/2008 Associate Professor (100%), Department of Pathophysiology and Allergy Research (IPA), Medical University of Vienna, Austria

**Fellowship and Awards:**

1994 Research Award Theodor-Körner-Stiftungsfonds

2011 Science2business Award (3rd place) - LifeScienceSuccess

**Memberships in scientific societies:**

Österreichische Gesellschaft für Biochemie und Molekularbiologie

European Placenta Group (EPG) and International Federation of Placenta Associations (IFPA)

WISIA – Women in science – an integrated association

WNW-Med.at – WissenschafterinnenNetzWerk Medizin

**Editorials (Guest Editor of specific issues):**

2012 **I., Ellinger** The multifaceted human placenta - update on an amazing organ. Wien Med Wochenschr .2012 May;162(9-10):184-6.

2014 **I., Ellinger**, P. Pietschmann Toward new targets for the diagnosis and treatment of malignant diseases: thematic issue dedicated to Theresia Thalhammer. Wien Med Wochenschr. 2014 Nov;164(21-22):447-9

**Research areas**

The main research interests of I. Ellinger are to study uptake, traffic and effects of maternal macromolecules at the materno-fetal interface (placenta) and the advancement of automated microscopy. For the past 9 years (after return from a five year maternity leave) she has been involved in several national research projects as well as teaching/research cooperations with the Comenius University in Bratislava/Slovakia. An important achievement has been the development of algorithms

for automated detection of cells in tissue sections or cell culture systems within an interdisciplinary cooperation with TissueGnostics GmbH (2009-2013). Isabella Ellinger is author of more 26 scientific publications, 5 reviews and 5 book chapters.

http://www.meduniwien.ac.at/expatho/placenta/ellinger/Publications.html.

**Rsearch Projects (within last 5 years)**

1. **Bridge Project/FFG Nr. 818094** (2009-2012): Automated cell-recognition technology for science and diagnostics (Coordinator: Ellinger; Partners: MUW, TissueGnostics GmbH and Seewald Solutions, both Vienna, Austria)
2. **Hochschuljubiläumsstiftung Nr. H-2490/2009** (2009-2011): RAGE (Receptor for „advanced glycated end products“) und die Schwangerschaftserkrankung Präeklampsie (Project leader: Ellinger, Partner: Dr. Sabine Dekan, MedUni Vienna)
3. **Ernst** **Mach Scholarship (Austrian Federal Ministry of Science and Research (BMWF**) (10 2011-01 2012) Expression of melatonin receptors in mesenteric artery of hypertensive rats (Partner: Prof. Dr. Michal Zeman, Comenius University Bratislava, Slovakia)
4. Project partner in: **Life Science 2010 (Krems)** (2011-2014), Mercury toxicokinetics in human term placenta: functional proof and localization of involved canditate proteins (Project leaders: Prim. Univ. Prof. Hans Salzer/Landesklinikum Tulln and Assoc.Prof. Dr. Claudia Gundacker/Inst. of Med. Genetics/MedUni Vienna)

5. Project partner in: **Marie Sklodowska-Curie European Training Network (ETN) „CaSR-Biomedicine“** (2016-2019) (Project leader: Assoc. Prof. Dr. Enikö Kallay, IPA/MedUni Vienna)