

**Ao. Univ.-Prof. Dr. Dipl.-Ing. Isabella Ellinger****Curriculum vitae**

Name ELLINGER, Isabella; née Stefaner  
 Date of birth October 27, 1966  
 Place of birth Vienna, Austria  
 Nationality Austrian  
 Sex Female  
 Marital status Married, two children (\*04 04 2001, \*21 10 2003)

**Place of employment**

Institute for Pathophysiology and Allergy Research (IPA)  
 Center for Pathophysiology, Infectiology and Immunology  
 Medical University Vienna, Austria  
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**List of publications:** <https://loop.frontiersin.org/people/276473/publications>  
<https://orcid.org/0000-0001-6335-076X>

**Education and Postgraduate training**

22 11 2002 Habilitation at MedUni Vienna, Austria; Venia docendi for Cell Biology  
 02 1997 – 11 2000 Postdoctoral Fellow at Dept. of Gen & Exp. Pathol., Univ. of Vienna, Austria<sup>1</sup>  
 01 1996 - 01 1997 Postdoctoral Fellow at the Inst. of Biochemistry, Univ. of Lausanne, Switzerland  
 07 1994 - 12 1995 Postdoctoral Fellow at Dept. of Gen & Exp. Pathol., Univ. of Vienna, Austria<sup>1</sup>  
 01 07 1994 Ph.D. degree with first class honors, University of Natural Resources and Life Sciences, Vienna, Austria  
 1993 (1 month) Visiting Scientist at Inst. of Biochemistry, Univ. of Lausanne, Switzerland  
 1993 (1 month) Visiting Scientist at Dept. of Mol. Biology, Univ. of Princeton, New Jersey, USA  
 1991-1994 PhD Thesis, Thesis Title: *Effect of Short-time Bile Duct Ligation on Endocytic and Transcytotic Pathways in Rat Liver*  
 31 01 1991 Master's degree in *Food- and Biotechnology* (Dipl. Ing.)  
 1984-1991 Food- and Biotechnology, University of Natural Resources and Life Sciences, Vienna, Vienna, Austria  
 1976-1984 High School, GRG 12 Rosasgasse 1-3, 1120 Vienna, Austria

**Academic Positions**

since 11 2008 Assoc. Professor (100%), IPA, MedUni Vienna, Austria  
 03 2003 - 11 2008 Assoc. Professor (50%), Dept. of Pathophysiol., MedUni Vienna, Austria<sup>1</sup>  
 since 03 2003 Head of the Research Group for "Pathophysiology of the Placenta"  
 11 2000 - 04 2006 Maternity leave (child care periods: 31 07 2001-28 08 2003; 20 12 2003-20 04 2006)  
 02 1997 - 02 2003 Research Associate (50%), at Dept. of Gen & Exp. Pathol., Univ. Vienna, Austria<sup>1</sup>  
 04 1991 - 12 1995 Research Associate (50%), at Dept. of Gen & Exp. Pathol., Univ. Vienna, Austria<sup>1</sup>

<sup>1</sup> now IPA, MedUni Vienna

## First Mission: Teaching

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MedUni Vienna	Lecturer in <i>undergraduate studies N202</i> : Modul 1, 2, 3, 4, 7 (SSM1), 14, ÄGF B, 24 (SSM3), supervisor of diploma students Lecturer in master programme <i>Medical Computer Science</i> : Medical Propedeutics Lecturer in <i>PhD Programme N094</i> and <i>Doctoral Programme of Applied Medical Science N790</i> Registered supervisor in the thematic doctoral programmes <i>Molecular Mechanism in Cell Biology (N094)</i> , <i>Malignant Diseases (N094)</i> , <i>Medical Informatics, Biostatistics and Complex System (N094)</i> and <i>Regeneration of Bones and Joints (N790)</i>
Vetmeduni Vienna	Lecturer in the Interdisciplinary <i>Master in Human-Animal Interactions/Comparative Medicine</i>
Karl Landsteiner Private University, Krems	Organizer of and Lecturer in <i>Module 7 (Human Health and Disease)</i> of the Health Science Bachelor Programme

## Second Mission: Main research areas

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- Analysis of functions of the human placenta in health and disease including uptake, traffic and effects of maternal macromolecules, often in collaborations. 1) placental IgG transport: characterization of sorting signals of the involved receptor (FcRn), localization of FcRn in human placenta and analysis of IgG transport mechanism in trophoblasts. 2) Placental methylmercury transport: identification and localization of involved transporters. 3) Placental cholesterol transport: secretion of lipoproteins and localization of apolipoprotein receptors. 4) Current studies: placental iron transport as well as placental expression of receptor for advanced glycation end products.
- Advancement of automated microscopy by collaboration with industry (Austrian company TissueGnostics GmbH) and scientific partners. Development of deep learning-based algorithms for automated detection, classification or segmentation of biological entities.
- Ellinger provides expertise for and help with experimental design in immunofluorescence microscopy and has contributed localization data to studies in diverse research areas (immunology, cancer research, physiology).

[Link to research projects](#)

[Link to publications](#)

## Third mission activities

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25 04 2019	Vienna's Daughters Day at MedUni Vienna, Austria
04 04 2018	Austria's long night of research: Booth at MedUni Vienna, Austria
22 04 2016	Austria's long night of research: Booth at MedUni Vienna, Austria
since 2016	Young Science Ambassador
2015	Initiator (with Martin Zalaudek, YSA) of the <i>Science I Art competition</i> at the symposiums of the Young Scientist Association of MedUni Vienna, Austria
04 04 2014	Austria's long night of research: Booth at MedUni Vienna, Austria
since 2009	32 FFG-funded Talente Praktika

[Link to a complete list of third mission activities](#)

## Member in committees

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since 2016	Member of the Commission for Gender Equality and Promotion of Women at Karl Landsteiner University of Health Sciences, Krems
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## Awards

04 12 2018	<a href="#">Veronika-Fialka-Moser Diversity Award 2018</a> (MedUni Vienna) in the category „Engagement“ to <a href="#">WNNWmed</a> (Wissenschaftlerinnen-NetzWerk Medizin)
07 06 2018	<a href="#">Sustainability Award 2018</a> (Austrian Federal Ministries BMBWF and BMNT) in the category „Structural Anchoring“ to <a href="#">WISIA</a> (Women in Science - an Interdisciplinary Association)
2012 + 2016	Distinctions for excellent supervision of 2 interns ( <a href="#">A. Aharanwa</a> ; <a href="#">M. Jungmann</a> ) by the Austrian Federal Ministry BMVIT/FFG
15 03 2011	<a href="#">Science2business Award</a> (3 <sup>rd</sup> place) – LifeScienceSuccess
07 12 1994	Research Award Theodor-Körner-Stiftungsfonds

## Memberships in Scientific Societies

[IFPA](#) – International Federation of Placenta Associations

[WISIA](#) – Women in science – an interdisciplinary association (Ellinger is co-founder)

[WNNWmed](#) – WissenschaftlerinnenNetzWerk Medizin

## Advanced training courses at MedUni Vienna

KATEGORIE	NUMMER	TITEL	TERMINE	DAUER	TRAINER
03 MANAGEMENT, GUIDANCE and PERSONNEL SKILLS	PE 2008/009	Lead, motivate, delegate	25.02.2008, 26.02.2008, 13.05.2008	24 Hours	Peter Frenzel
07 SAFETY at the WORKPLACE	PE 2008/074	First aid course	17.12.08	8 Hours	Priv.-Doc. Dr. Heidrun Losert, Dr. Roman Fleischhackl
01 SCIENTIFIC WORK	PE 2009/029	Biometry I: Description and visualization of medical data using the program package SPSS	08.06.2009, 10.06.2009, 15.06.2009, 17.06.2009	12 Hours	Daniela Dunkler
03 MANAGEMENT, GUIDANCE and PERSONNEL SKILLS	PE 2009/079	Media literacy: moderation, interviews, statements	30.10.2009, 31.10.2009, 13.11.2009, 14.11.2009	16 Hours	Elisabeth J. N. stlinger-Jochum
03 MANAGEMENT, GUIDANCE and PERSONNEL SKILLS	PE 2009/100	S 26 and 27 projects: Framework, fundamentals and processes in the management of third-party funded projects	30.11.2009, 01.12.2009, 02.12.2009, 10.12.2009	11 Hours	Employees of MedUni Vienna
11 MANAGEMENT and GUIDANCE	PE 2010/141	Appraisal Interview scientific staff	10.11.10	4 Hours	Peter Frenzel
07 SAFETY at the WORKPLACE	PE 2012/113	First aid basic course	09.05.2012, 10.05.2012	16 Hours	Ao.Univ.-Prof. Dr. Michael Holzer, Ass.-Prof. Dr. Martin Frossard
09 OFFICE MANAGEMENT SKILLS	PE 2014/014	Professionally plan meetings and structure them skillfully	20.02.14	8 Hours	Gabriela Novotny
11 MANAGEMENT and GUIDANCE	PE 2015/017	Leadership, personnel management and guidance in the expert organization University	16.02.15	8 Hours	Caroline Kling
11 MANAGEMENT and GUIDANCE	PE 2015/018	Lead teams as challenges and design options	03.03.15	8 Hours	Ljg Habenschik
11 MANAGEMENT and GUIDANCE	PE 2015/019	Recognizing and acting on conflicts, burnout and bullying	16.03.15	8 Hours	Wolfgang Lalouschek
11 MANAGEMENT and GUIDANCE	PE 2015/020	Difficult discussions with employees prepared in a structured way and lead successfully	21.05.15	8 Hours	Ingrid-Mylena K. sten
11 MANAGEMENT and GUIDANCE	PE 2015/022	Professionelle staff selection	08.07.15	5 Hours	Caroline Kling
11 MANAGEMENT and GUIDANCE	PE 2015/023	Encourage and develop employees as individual opportunities for personnel development	23.09.15	4 Hours	Mag. Caroline Kling, Mag. Dr. Katharina Mallich-P. st, MSc
01 WISSENSCHAFTLICHES ARBEITEN	PE 2015/075	Labor law for scientists	01.10.15	3 Hours	Hofrat Eva Krieger, Dr. Markus Grimm, MBA
11 MANAGEMENT and GUIDANCE	PE 2015/162	Managing Diversity for executives	28.10.15	8 Hours	Roland Engel
07 SAFETY at the WORKPLACE	PE 2016/115	First aid refresher course	20.06.16	8 Hours	Training Center Wiener Rotes Kreuz
01 SCIENTIFIC WORK	PE 2017/025	Biostatistics I: SPSS - Data Entry and Descriptive Statistics	21.03.2017, 22.03.2017, 23.03.2017	8 Hours	Alexander Kainz
06 EDV	PE 2018/082	Typo3	21.11.18	7 Hours	Robert Wanderer
03 MANAGEMENT, GUIDANCE and PERSONNEL SKILLS	PE 2018/115	Data protection	12.11.18	4 Hours	Ernst Eigenbauer, Manfred Gengler, Martina Kirisits
PE-TEACHING	PE 2008/027	The Art of Lecturing: Intensive course on scientific presentation	16.05.2008, 17.05.2008, 30.05.2008, 31.05.2008	32 Hours 2 ECTS	Robert Greif, MME
PE-TEACHING	PE 2009/037	Introduction to the learning platform MOODLE	16.06.09	8 Hours 0,4 ECTS	Herbert Plass
PE-TEACHING	PE 2010/120	Training for Senior-Mentors	20.10.10	4 Hours	Peter Frenzel
PE-TEACHING	PE 2013/031	Follow Up Seminar for Senior Mentors: Coaching, Exchange of Experience and Reflection of Practice	18.04.13	4 Hours	Mag. Peter Frenzel, Dr. Angelika Hofhanst, MME
MLW	MLW 2017/019	How do I check which competences of students?	18.05.17	4 Hours 0,2 ECTS	Angelika Hofhanst
MLW	MLW 2017/020	Learning and teaching at MedUni Vienna	23.05.17	8 Hours 0,7 ECTS	Medical Univ. Vienna

## Other important advanced training courses

2008/09	<a href="#">fFORTE</a> - Women in Research and Technology Coaching of the Federal Ministry of Science and Research (BMWFA)
2009-2020	32 co-organized <a href="#">WISIA Symposions</a>
2014-2020	Educational activities organized by <a href="#">WNNWmed</a>