

# Curriculum Vitae

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## CAREER SUMMARY

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After an Msc degree in Natural Sciences at the University of Vienna, I obtained a PhD in 2006 under the mentorship of Professor Martin Knöfler. My doctoral thesis was on regulatory mechanisms controlling extravillous trophoblast differentiation. From 2006 until 2009, I underwent a postdoctoral training at the University of Oslo (Dept. of Pathology) and received a Postdoc fellowship from the Norwegian Cancer Society on the project: High endothelial venule-like differentiation of endothelial cells. In 2009, I re-joined the research group of Martin Knöfler as a Senior Postdoc. In 2011 I was appointed Research Associate to establish independence and begin my own program of research in reproductive biology. After receiving an Associate Professor position in April 2015 I currently serve as an independent research group leader for the Reproductive Biology Unit at the Medical University of Vienna.

## ACADEMIC CAREER

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05/2015 – present Associate Professor, Dept. of Obstetrics and Gynaecology, Medical University of Vienna  
04/2012 – 04/2015 Assistant Professor, Dept. of Obstetrics and Gynaecology, Medical University of Vienna  
04/2011 – 03/2012 Research Associate, Dept. of Obstetrics and Gynaecology, Medical University of Vienna  
11/2009 – 03/2011 Senior Postdoc, Dept. of Obstetrics and Gynaecology, Medical University of Vienna  
09/2006 – 09/2009 Postdoc, Dept. of Pathology, Oslo University Hospital and University of Oslo  
04/2002 – 06/2006 PhD studies, Dept. of Obstetrics and Gynaecology, Medical University of Vienna  
Supervisor: Assoc. Prof. Martin Knöfler, PhD degree with distinction  
02/2001 – 04/2002 Master studies, Surgical Research Laboratories, Medical University of Vienna  
Supervisor: Assoc. Prof. Rudolf Öhler, Master degree with distinction  
09/1995 – 04/2002 Study of Nutritional Science, University of Vienna

## INTERNATIONAL EDUCATION PROGRAMS

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08/1999 – 07/2000 Universidad Autónoma de Madrid, Institute of Biology, Spain

## PUBLICATIONS

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Since 2003 I have published 58 peer-reviewed journal articles (21 as first or corresponding author) and 2 book chapters. I have an h-index of 22 calculated using Web of Science.

## GRANT SUPPORT

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2018 – 2021 Austrian National Bank (ONB), Project leader, Project number: P17613, 140.000 EUR  
2015 – 2017 Herzfelder'sche Familienstiftung, Project leader, Project number: 00685, 40.000 EUR  
2013 – 2016 Austrian Science Fond (FWF), Project leader, Project number: P25187, 345.000 EUR  
2011 – 2014 Austrian National Bank (ONB), Project leader, Project number: 14147, 80.000 EUR  
2010 – 2013 Austrian National Bank (ONB), Co-Project leader, Project number: 13955, 87.000 EUR

## SELECTED AWARDS

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2006 New Investigator Award, 4<sup>th</sup> ESRI Meeting, Graz, Austria  
2005 The Y.W. Loke New Investigator Travel Award, 11<sup>th</sup> IFPA Meeting, Glasgow, UK  
2004 The Y.W. Loke New Investigator Travel Award, 10<sup>th</sup> IFPA Meeting, Asilomar, CA, USA  
2003 Eastman Kodak Travel Award, 9<sup>th</sup> IFPA Meeting, Mainz, Germany

## HONORS & FELLOWSHIPS to group members

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2017 The Y.W. Loke New Investigator Travel Award, Sigrid Vondra  
2015 The Y.W. Loke New Investigator Travel Award, Kerstin Plessl  
2013 Travel Award "Österreichische Forschungsgemeinschaft", Kerstin Plessl  
2013 The Y.W. Loke New Investigator Travel Award, Valerie Fock  
2012 The Y.W. Loke New Investigator Travel Award, Philipp Velicky  
2011 The Y.W. Loke New Investigator Travel Award, Valerie Fock

## **EDITORIAL BOARD MEMBERSHIP**

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Since 2018 Placenta

## **EXPERT ACTIVITIES**

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I am ad hoc reviewer of applications for research funding by DFG (German Research Foundation), Dr. Hadwen Trust (UK) and Wellbeing of Women (UK). Furthermore, I am reviewing manuscripts for scientific journals including AM J PATHOL, BIOL REPROD, Endocrinology, HUM REPROD, NAT COMMUN, Placenta, STEM CELL REP and SCI REP.

## **SELECTED CONFERENCE PRESENTATIONS**

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03/2016 63<sup>rd</sup> SRI Meeting, Montreal, Canada  
Oral presentation: "Polyploidization in human invasive trophoblasts."  
09/2015 24<sup>th</sup> Meeting of the German-speaking Professors in the field of Obstetrics and Gynaecology, Ittingen, Switzerland  
Invited speaker: "Expression and amplification of ErbB2 in invasive trophoblasts."  
04/2015 6<sup>th</sup> SLIMP/LASRI Meeting, Mar del Plata, Argentina  
Invited speaker: "ErbB receptor function during EVT differentiation."  
06/2014 CTR Meeting, Cambridge, England  
Oral presentation: "ERBB receptor expression and ligand-induced activity during extravillous trophoblast differentiation."  
09/2013 19<sup>th</sup> IFPA Meeting, Whistler, Canada  
Invited speaker: "ADAM12: a novel trophoblast invasion-related metalloproteinase."

## **CURRENT COLLABORATIONS**

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Since 2018 Dr. Karin Windsperger and Dr. Dana Muin, Dept. of Obstetrics and Gynaecology, Medical University of Vienna "Establishment and maintenance of a pregnancy biobank including cases of stillbirth, recurrent abortions, placenta accreta/percreta and trophoblastic diseases"  
Since 2017 Prof. Jan Ernerudh, Department of Clinical and Experimental Medicine (IKE), Linköping University, Sweden.  
"Isolation and phenotypical and functional characterization of decidual macrophages"  
Since 2015 Assoc. Prof. Mario Mikula, Dept. of Medical Genetics, Medical University of Vienna  
"Screening of the placenta secretome to unravel melanoma-promoting factors"  
Since 2014 Prof. Julie C. Baker, University of Stanford, USA  
"Whole genome and RNA sequencing of trophoblast subtypes"

## **BOOK CHAPTERS**

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2016 Schneider H, Husslein P, Schneider K  
Die Geburtshilfe; In: Präimplantation, Implantation und Plazentation (5<sup>th</sup> Edition, 2016, in press); Springer Verlag. ISBN: 978-3-662-45063-5  
2015 Duttaroy AK, Basak S  
Human Placental Trophoblasts: Impacts on Maternal Nutrition; In: Molecular Regulation of Human Extravillous Trophoblast Development (November 3, 2015); pp 21-35.  
CRC Press, Taylor & Francis Group. ISBN: 9781482254280

## **SUPERVISION/MENTORING and TEACHING**

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11/2016 – present Vondra S, PhD studies, Medical University of Vienna  
06/2011 – 05/2016 Velicky P, PhD studies, Medical University of Vienna  
03/2012 – 01/2016 Plessl K, PhD studies, Medical University of Vienna  
11/2010 – 02/2015 Fock V, PhD studies, Medical University of Vienna  
12/2013 – 04/2014 Milla S, Master studies, Medical University of Vienna  
06/2008 – 04/2013 Biadasiewicz K, PhD studies, University of Vienna  
04/2010 – 09/2010 Prutsch N, Master course, University of Applied Sciences  
  
2010 – Present PhD programs (Medical University of Vienna): supervision, seminars and lectures  
2010 – Present Curriculum of human medicine (Medical University of Vienna): mentoring and seminars