

## Academic Curriculum vitae

### ■ PERSONAL DATA



Name: **Braun, Thorsten**  
Titel: Dr. med.  
Date of birth: 4. September 1975  
Place of birth: Dortmund  
Marital status: married, 2 children  
Nationality: German

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### ■ CURRENT POSITION

Consultant for obstetrics and gynecology at the Charité University Berlin (director of the clinics Prof. Dr. W. Henrich), transfusion practitioner, Deputy Head of the department of 'Experimental Obstetrics' and study group 'Perinatal Programming' (Head: Prof. A. Plagemann); head of study center of the European Working group on Abnormally Invasive Placenta (EW-AIP) at the Charité

### ■ EDUCATION

1986 - 1995 Pestalozzi-Gymnasium Unna (High school)  
1982 - 1986 Aloysius-Grundschule Holzwickede (Primary school)  
1995 - 1997 Martin-Luther-University Halle, Germany (medical school)  
1997 - 2002 Philipps-University Marburg, Germany (medical school)

### ■ EMPLOYMENT HISTORY

2002 - 2004 Department of gynecology, Heinrich Heine University Düsseldorf Germany  
AiP (physician trainee) + Residency  
2004 - 2007 Postdoctoral research fellowship (DFG-Scholarship) at the University of Toronto, Dept. of Physiology (Prof. Dr. J.R.G. Challis) and University of Western Australia, School of Women's and Infants' Health (Prof. Dr. J.P. Newnham)  
2007-present Postdoctoral research fellow at the Charité-University Medicine Berlin, Department of Obstetrics (since 2014 consultant)

## ■ RESEARCH INVOLVEMENT

- 2016-2021 “Healthy Bugs for Healthy Babies, HUGS-Trial“, DOHaD Team grant (investigator; principle investigator Prof. D. Sloboda Mc Master University Hamilton, Canada)
- 2008-2012 “The role of placental factors associated with preterm delivery.“ (investigator; principal investigator Dr. Silke Michaelis; AE4/066/08)
- 2009-2012 “Maternal plasma concentrations of anti-HIV-drugs in HIV-positive tested pregnant women (PANNA).“ (investigator; EudraCT-Nr.: 2008-006158-16)
- 2010 “Ultrasound in the labor room: intrapartum translabial ultrasound in normal delivery (ITU).“ (investigator; EA2/131/09)
- 2016 Study conductor in Germany: „Healthy Bugs for Healthy Babies, HUGS-Trial“, DOHaD Team grant with Prof. D. Sloboda as principle investigator from the Mc Master University Hamilton, Canada

## ■ SUPERVISION AND MENTORING

- 2014 Hannah Clara Gil, medical thesis title: “Effects of antenatal bethamethasone treatment on fetal growth and development in twin pregnancies.” (thesis advisor Prof. Dr. W. Henrich); **magna cum laude**
- 2016 Hongkai Shang, medical thesis title: “Effects of early DEX treatment on placenta glucocorticoid receptors in sheep.” (thesis advisor Prof. Dr. J. Dudenhausen); **magna cum laude**
- 2016 Anja Gusarova, medical thesis title: “The effects of a single course of antenatal BET treatment and the role of human placental lactogen in singleton pregnancies.” (thesis advisor Prof. Dr. J. Dudenhausen); submitted
- 2016 Doctoral candidates with the following medical thesis titles:  
“Effects of a single course of antenatal betamethasone treatment on human placental glucocorticoid metabolism”  
“Antenatal BET treatment and the effects on maternal, placental and fetal glucose metabolism at birth.”  
“Early DEX treatment and the effect on the angiogenesis in sheep placenta.”  
“Internal control genes in the human placenta and the effect of antenatal glucocorticoid treatment”

## ■ RESEARCH SUPPORT

- 2010-2017 **DFG-Project (BR2925/3-1,3-2 and 3-3):** “Placental programming - Effects of maternal Dexamethasone therapy in early gestation on the placenta and fetal development in sheep.” (principle investigator)
- 2004-2007 **DFG-Project (BR2925/1-1):** “Fetal Programming - Investigations on perinatal gene expression in sheep -“ (principle investigator)
- 2008 **Charité research support:** “Pilot study: effects of maternal glucocorticoid treatment for lung maturation in women with preterm labor on maternal placental lactogen.” (principle investigator, EA2/149/07)

- 2011 **Charité research support:** “Placental Programming – Investigations on the effects of early Dexamethasone treatment on placental angiogenesis in sheep” (principle investigator)
- 2013 **Charité research support:** “Pilot study on the effects of maternal antenatal glucocorticoid treatment for lung maturation on placental glucocorticoid metabolism.” (principle investigator)
- 2014 **Charité research support:** “Antenatal induction of lung maturation and the search for internal control genes in the human placenta.” (principle investigator)
- 2015 **Charité research support:** “Effects of maternal Dexamethasone therapy in early gestation on the placental glucocorticoid receptors in sheep.” (principle investigator)

#### ■ PEER REVIEW INVOLVEMENT

Acta Obstetricia et Gynecologica Scandinavica, Archives of Gynecology and Obstetrics, Fetal Diagnosis and Therapy, Journal of Clinical Endocrinology and Metabolism, Journal of Developmental Origins of Health and Disease, Journal of Endocrinology, Journal of Perinatal Medicine, The Journal of Obstetrics and Gynaecology Research, PLoS One, Clinical Case Reports, Journal of Perinatology, American Journal of Physiology, Placenta, BMJ Case reports, Clinical Case Reports Perinatology, Paediatrics, Stress, Reproductive Health, Oxford University Press Book proposal, Hormone and Metabolic Research

#### ■ AWARDS

- 2000 Scholarship from the Philipps University of Marburg for a volunteer assistance on Prof. Dr. med. S. Schmidts project of „Transcutaneous measurement of oxygen pressure in labor“ at the University of Zurich, Switzerland by Prof. Dr. med. A. Huch, Department of OBGYN
- 2000 Science Award 2000 of the Niederrheinisch-Westfälische Society of Gynecology and Obstetrics for „Technical Development of a Telemetric Transcutaneous Oxygen Pressure Monitoring System during labor“
- 2004 Dissertation (doctoral thesis, MD) at the Philipps University of Marburg, Department of Obstetrics and Perinatology, Prof. Dr. med. S. Schmidt: “Technical Development of a Telemetric Transcutaneous Oxygen Pressure Monitoring System during labor“; **summa cum laude**
- 2010 Best Abstract Competition – 13<sup>th</sup> World Congress on Controversies in Obstetrics, Gynecology and Infertility (COGI)

#### ■ MEMBERSHIPS

- 2004-present DEGUM, German association of ultrasound in medicine
- 2004-present DGPM, German association of perinatal medicine
- 2004-present DOHaD, International Society for Developmental Origins of Health & Disease
- 2005-2007 ISUOG, International Society of Ultrasound in obstetrics and gynecology

2008-present	SRI, Society for Reproductive Investigation (formerly SGI)
2011-present	IFPA, International Federation of Placenta Associations
2011-present	EPA, European Placenta Group
2012-present	EW-AIP, European Workgroup of Abnormal Invasive Placenta
2012-present	DGGG, German association of obstetrics and gynecology
2015-present	GGGB, German association of obstetrics and gynecology in Berlin