

# DBMR Research Conference

Langhans Hörsaal Pathologie  
Murtenstrasse 31, 3008 Bern

Date October 7, 2019, 5 pm – 6 pm

Title **Stem cell therapy for peripartum neuroregeneration and pulmonary regeneration**

Speaker Prof. Dr. Boris W. Kramer  
Head of Pediatric Research, Maastricht University, NL

## Biosketch

**Training:** MD (1997), medical doctorate (1998), Eberhard-Karls-Universität, Tübingen, Germany. Residency in pediatrics and training in Neonatology, University Hospitals Tübingen and Würzburg, Germany, with Prof. Dr. C.P. Speer (1999-2006). Research fellow with Prof. Dr. Alan H. Jobe, Cincinnati Children's Hospital, Ohio, USA (1999-2001).

**Positions:** Junior member of medical faculty, Würzburg (2006). Maastricht UMC+ (2006 to present): neonatologist and leader of experimental research group. PhD in 2007 and Professor for Experimental Perinatology since 2011. Since 2013 Director of Pediatric Research. Part-time position at the Institute of Women's Health, University College London, United Kingdom from 2016-2018. Several national and international research awards e.g. young scientist of ESPR (2003) and Dutch Society for Pediatrics (2008). Chosen as a "top talent" by the faculty of medicine (2008). Management classes at INSEAD, Fontainebleau, France.

**Research interests:** translational research, development of lung, gut, brain and immune system after preterm birth. Supervision of 25 completed PhDs, 325 peer-reviewed papers in international journals, 7 reviews in textbooks.

**Editor:** Associated editor of Pediatric Research and Neonatology.

## Abstract

Prof. Boris Kramer is a neonatologist who has developed several new therapeutic approaches for preterm babies. His research aims to stimulate the endogenous repair and regeneration mechanisms after preterm birth, where the preterm baby has to develop outside the natural environment on a neonatal intensive care unit. He has tested in a highly complex preterm lamb model endogenous stem cells, exogenous stem cells and extracellular vesicles for neuro- and pulmonary regeneration, which pave the way for clinical trials.

Prof. Dr. W. Kramer has been invited by Prof. Dr. med. Daniel Surbek, Head Division of Maternal-Fetal Medicine, Inselspital, University Hospital Bern, Member of SCRM Platform Strategic Board

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Next DBMR Research Conference

**December 2, 2019**

*Speaker and title to be announced*

The DBMR Research Conference takes place from 5 pm – 6 pm and will be followed by an apéro.



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