



Mario Rüdiger

MD, W3 Professor for feto-neonatal Health;

Director of the Saxony Center for feto-neonatal Health at the Technical University Dresden;

Head of the Department for Neonatology and Pediatric Intensive Care Medicine at the Children's Clinic of the University Hospital Carl Gustav Carus in Dresden;

Father of two daughters.

Mario Rüdiger was trained as a Pediatrician and Neonatologist at the University Hospital Charité, Berlin. During that time he also started his scientific career mainly on the field of lung injury in preterm newborns. After 10 years in Berlin, he moved to Austria, where he worked as a Consultant at the Clinic for Neonatology at the University Hospital in Innsbruck between 2004 and 2008. Beside his clinical work he was the head of the pulmonary research group. In 2008, he became W2-Professor for Pediatrics at the TU Dresden and in 2021 W3-Professor for feto-neonatal Health.

His clinical and scientific expertise covers mainly the following three topics: prevention of chronic lung disease in preterm infants, delivery room management and regenerative therapies. Accordingly, his lab is part of the Cluster4Future SaxoCell and involved in international collaborations to bring regenerative therapies into clinical neonatal care. The patented stem cells (MSC) were tested in clinical trial in patients with severe Covid and are currently tested in preterm infants and adults with severe sepsis. The clinical research group focuses on improving delivery room management; as PI he was responsible for the multicenter, international Trial to Evaluate a Specified Type of APGAR (TESTAPGAR). Furthermore, Mario Rüdiger is PI of the international ALBINO-study.

Mario Rüdiger is member of the Neonatal Task Force of ILCOR, member of the writing group for guidelines on neonatal resuscitation for the European Resuscitation Council, is incoming president of the German Society for Perinatal Medicine (DGPM) and Founding-Chair of the German Foundation for the Sick Newborn (DSKN). He has published more than 150 papers (>5700 citations), about 20 book chapters, 4 books, two patents and is author of a Podcast on Neonatology (NeoCast).

His research was and is supported by different grants, including about 2.5 Mill. € for MSC-based therapies, a 5 Mill. € grant to evaluate an evidence-based care-path for IUGR-infants and 4 Mill. € to establish a telemedicine infrastructure for Neonatology. His scientific work was honored by different awards, such as the CaPaNi-Award for Neonatal Lung research, the Bengt-Robertson-Award and the German Broadcasting Charity-Award "Goldene Henne".