

CURRICULUM VITAE

Prof. Dr. rer. med. habil. Dipl.-Math.
Ingo ROEDER

Date of birth: July 20th, 1967
Marital status: married, three children

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Education/undergraduate studies:

1986	Abitur
1988 – 1994	Undergraduate studies in Mathematics, TU Dresden
1992 – 1993	Stay abroad (France, Australia)

Academic qualifications:

1994	Diploma in mathematics, topic: “Optimal experimental designs for regression models”, TU Dresden, supervisor: Prof. Holger Dette
2003	PhD (Dr. rer. med.), topic: “Dynamical Modeling of Hematopoietic Stem Cell Organization Design and Validation of the New Concept of Within-Tissue Plasticity”, University Leipzig, supervisor: Prof. Markus Loeffler
2009	Habilitation in Medical Bioinformatics, Statistics und Epidemiology, University Leipzig

Professional development:

1994 – 2003	Scientific assistant (Wissenschaftlicher Mitarbeiter) at the Institute for Medical Informatics, Statistics and Epidemiology (IMISE), University Leipzig
2003 – 2010	Group leader ‘DYNAmic MOdeling of Stem Cell Organization’ at the IMISE University Leipzig
Since 2010	Professor for Medical Statistics and Biometry at the Faculty of Medicine, TU Dresden

Further positions:

Guest scientist:	
2003	Center for High Performance Computing (ZIH), TU Dresden
2004	Interdisciplinary Centre for Bioinformatics (IZBI), University Leipzig
2004	Center for Nonlinear Dynamics in Physiology and Medicine, McGill University, Montréal, Canada
2007 – 2010	Department of Computing, Goldsmiths College London, UK

Coordination- und management positions:

2008 – 2012	Board member of the EU-FP7 Project “EuroSysStem” and work package coordinator „Data Management and Integration“
2009 – 2014	Leader of the working group 'Mathematical Models in Medicine' within the GMDS/IBS
Since 2010	Director of the Institute for Medical Informatics and Biometry (IMB), Faculty of Medicine, TU Dresden
2014 – 2018	CIO of the School of Medicine at the TU Dresden
2014 – 2019	Member of the extended board of the German Stem Cell Network (GSCN)
2015 – 2018	Coordinator of the “HaematoOPT”-Consortium within the BMBF systems medicine initiative „e:Med“
Since 2015	Scientific head of the Core Unit "Data Management and Analytics“ at the Nationalen Centre for Tumor diseases (NCT, partner site Dresden)
2018 – 2021	Coordinator of the “prediCt”-Consortiums within the EU-Initiative “ERACoSysMed”
2018 – 2025	Dean of Studies at the Faculty of Medicine, TU Dresden
2019 – 2024	Founding director and head of the Carus Teaching Center at the Faculty of Medicine, TU Dresden

Memberships:

- Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie (GMDS)
- German Stem Cell Network e.V.
- European Hematology Association (EHA)
- International Society for Stem Cell Research
- European Society for Mathematical and Theoretical Biology (ESMTB)
- Member of the elected faculty council at the Faculty of Medicine, TU Dresden

Awards, scholarships:

- Boehringer Ingelheim Fonds: Short-Term Fellowship, 1998
- Human Frontier Science Program (HFSP): Short-Term Fellowship, 2004
- Intern. Soc. for Hematology and Stem Cells (ISEH): Young Investigator Award, 2007
- “Support-the-Best” Grant 2014 (TU Dresden; funding: 100.000 €)
- Award for outstanding commitment as a university lecturer, 2018

Dresden, July 2025