

Curriculum vitae

Prof. Dr. rer. med. habil. Ingo ROEDER

Date of birth: 20. July 1967
Family status: married, three children

Work address: Technische Universität Dresden
Carl Gustav Carus Faculty of Medicine
Institute for Medical Informatics and Biometry (IMB)
Fetscherstraße 74, D-01307 Dresden,
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Education and academic qualifications:

1986 Abitur
1988 - 1994 Study of mathematics, TU Dresden
1992 - 1993 Stay abroad (France, Australia)
1994 Diploma in mathematics, TU Dresden
2003 PhD (Dr. rer. med.) in Theoretical Biology/Medicine (“summa cum laude”) University Leipzig
2009 Habilitation (Medical Bioinformatics, Statistics and Epidemiology) “Model-Based Analysis of Stem Cell Dynamics – An Application of Medical Systems Biology”, University Leipzig

Professional Appointments:

1994 - 1997 Statistician/biomathematician, Institute for Medical Informatics, Statistics and Epidemiology, University Leipzig
1997 - 2003 PhD-student, Topic: “Mathematical modelling of haematopoietic stem cell organisation”, University Leipzig, Supervisor: Prof. Markus Loeffler
2003 - 2010 Group leader ‘DYNAmic MOdeling of Stem Cell Organization’, University Leipzig
since 2010 Professor for Medical Statistics and Biometry, TU Dresden and Director of the Institute for Medical Informatics and Biometry (IMB), Carl Gustav Carus Faculty of Medicine, TU Dresden

Further appointments and functions:

Guest scientist positions/fellowships:

2003 Center for High-Performance Computing (ZIH), TU Dresden
2004 Interdisciplinary Center 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, University London, UK

Coordination functions:

2008 - 2012 Board member of the EU-FP7 Project “EuroSysStem” and coordinator of the work package „Data management and integration“
2009 - 2014 Leader of the work group ‘Mathematical Models in Medicine’ with the GMDS/IBS
2014 - 2018 CIO of the School of Medicine at the TU Dresden
since 2014 Extended board member of the German Stem Cell Network (GSCN)
2015 - 2018 Coordinator of the “HaematoOPT”-Consortium within the BMBF-initiative “e:Med - Systems Medicine”

since 2015	Scientific director of the Core Unit Data Management and Analytics at the National Center for Tumor Diseases (NCT), partner site Dresden
2018 - 2021	Coordinator of the “prediCt”-Consortium within the EU-initiative “ERACoSysMed”
since 2018	Dean of Studies (Medicine) at the Faculty of Medicine Carl Gustav Carus at TU Dresden
2019 - 2024	Founding director and head of the Carus Teaching Centre at the Carl Gustav Carus Faculty of Medicine at TU Dresden

Memberships:

- International Society for Stem Cell Research
- European Society for Mathematical and Theoretical Biology
- International Society for Hematology and Stem Cells
- European Cell Proliferation Society
- German Society for Stem Cell Research
- German Society for Medical Informatics, Biometry and Epidemiology (GMDS)
- European Federation for Systematic Stem Cell Biology
- „European Stem Cell“ Portal

Scholarships, awards and honours:

- Boehringer Ingelheim Fonds: Short-Term Fellowship, 1998
- Human Frontier Science Program (HFSP): Short-Term Fellowship, 2004
- International Society for Hematology and Stem Cells (ISEH): Young Investigator Award, 2007
- “Support-the-Best” grant 2014 (TU Dresden; funding: 100.000 €)
- Award for excellent commitment as University lecturer, 2018

Dresden, April 2024