

Roland Nitschke, Dr. phil. nat.

Institution: Life Imaging Center (LIC) in Hilde-Mangold-Haus, University of Freiburg, Habsburgerstr. 49, 79104 Freiburg
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Position: Academic Director of Life Imaging Center

Academic education including academic degrees

1976 – 1982 Study of Biology/Biochemistry – Frankfurt (Dipl. Biology)

Scientific graduation

1982 – 1986 Graduate Student with Prof. H. Fasold, Institute of Biochemistry, University of Frankfurt and Paul-Ehrlich-Institute (Dr. phil .nat.)

Employment

Since 2012 Academic Director of the Life Imaging Center
Since 2007 Head of the Life Imaging Center (LIC) at the Centre for Biological Systems Analysis (ZBSA), University of Freiburg
2002 - 2007 Head of the Imaging Core Facility of the Medical Faculty, University of Freiburg
2001 - 2007 Head of the Life Imaging Center at the Institute of Biology I, Akademischer Oberrat
1994 - 2000 Group leader, Institute of Physiology II, ALU Freiburg
1993 - 1994 Visiting fellow NHLBI/Laboratory of Kidney and Electrolyte Metabolism
1992 - 1993 Fogarty Research Fellow, National Institute of Health, Bethesda, MD, (Prof. K. Spring, Laboratory of Kidney and Electrolyte Research)
1986 - 1992 Postdoc Institute of Physiology, University Freiburg (Prof. R. Greger)
1986 Postdoc at the MPI of Biophysics, Frankfurt (Group of Prof. R. Greger)

Other activities, awards and honours

2020 Founder of QUAREP-LiMi- International initiative "Quality Assessment and Reproducibility for Instruments & Images in Light Microscopy"
2020 - present Member of the Steering board of GerBI-GMB and Industry coordinator
2017 - present Member of ISO/TC 172/SC 5 Microscopes and endoscopes
2017 - 2020 Co-Founder and Vice Chair of German Biolmaging - Gesellschaft für Mikroskopie und Bildanalyse e.V. (GerBI-GMB)
2016 - present Member of DIN-Normenausschuss Feinmechanik und Optik
NA 027-01-04 AA Microscopes
2016 Founder of the Microscopy and Image Analysis Platform Freiburg (MIAP-Freiburg)
2014 Organizer International Meeting TIM 2014 - Trends in Microscopy "Keeping pace with techniques, increasing resolution and data flood"
2010 - 2017 German Coordinator for EuroBiolmaging together with E. May
2010 – 2017 Co-Founder and Vice Chair of German-Biolmaging (GerBi), the German Light Microscopy Network, together with E. May (Konstanz)
2005 Organizer International Meeting TIM 2005 - Trends in Microscopy "From static spots to dynamic proteome visualization and beyond"
Since 2004 Member of the European Light microscopy Initiative (ELMI)
1993 - 1994 NIH Visiting fellowship
1992 - 1993 Fogarty Research Fellowship National Institute of Health, Bethesda
1985 - 1986 Scholarship for junior scientists awarded by the HESSEN state
1984 - 1985 Scholarship of the Hermann-Schlosser-Foundation (DEGUSSA)