

CURRICULUM VITAE**NAME AND ADDRESS**

NAME: Rüdiger Klein, Ph.D.

DATE OF BIRTH: March 24, 1958

HOME ADDRESS: Krautgartenweg 19
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BUSINESS ADDRESS: Max-Planck-Institute of Neurobiology
Department of Molecular Neurobiology
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CITIZENSHIP: German

EDUCATION

1977-1979 Studies in Biology in Marburg/Lahn, Germany

1979/1980 Exchange student at Juniata College, Huntingdon, PA, USA

1980 Bachelor of Science from Juniata College

1980-1985 Graduate Studies in Biology in Tübingen, Germany

1985 Diploma, University of Tübingen, Germany

1987 Ph.D. of the Faculty of Biology at University of Tübingen.
(advisor: Heinz-Jürgen Thiel, Federal Research Center for Virus Diseases of Animals)

CHRONOLOGY OF EMPLOYMENT

1988 - 1990 Postdoctoral fellow with Dr. Mariano Barbacid at the National Cancer Institute - Frederick Cancer Research and Development Center, Frederick, MD, USA. After Dec. 1988 at the Bristol-Myers Squibb Pharmaceutical Research Institute, Princeton, NJ, USA

1991 - 1993 Staff Scientist at the Bristol-Myers Squibb Pharmaceutical Research Institute

1993 - 2001 Group Leader at the European Molecular Biology Laboratory, Heidelberg, Germany

1998-2002 Member of the Faculty of Biology of the University of Heidelberg

2001 - present Director and Scientific Member at the Max-Planck-Institute of

Neurobiology, Martinsried, and Head of Department of Molecular Neurobiology
 2002 - present Member of the Faculty of Biology of the Ludwig-Maximilian-University of München

AWARDS AND HONORS

2013-2019 ERC Synergy grant
 2008 Remedios Caro Almela Prize for Research in Developmental Neurobiology
 2006 - present Honorary Professor, Faculty of Biology, Ludwig-Maximilian-University of München
 2005 Family-Hansen-Prize
 1998 Elected member of the European Molecular Biology Organization (EMBO)
 1988-90 Postdoctoral fellowship from the Boehringer Ingelheim Fonds
 1979/80 FULBRIGHT fellowship for undergraduate studies in the USA

PROFESSIONAL ACTIVITIES

2011 – present Member of the Advisory Editorial Board of EMBO Journal
 2010 – present Editorial Committee of the Annual Review of Cell and Developmental Biology
 2010 – present Member of the Minerva-Weizmann-Committee of the Minerva Foundation
 2009 - present Member of the EMBO long-term postdoctoral fellowship committee
 2009 - present Member of the Scientific Advisory Board of the Vesalius Research Center, Leuven, Belgium
 2007 Section Editor, Signalling Mechanisms, Current Opinion in Neurobiology
 2007 - present Member of the Scientific Advisory Board of the Center for Molecular Physiology of the Brain (CMPB) at the University of Göttingen, Germany
 2006 - present Member of Editorial Board, Neural Development
 2004 - present Member of Editorial Board, Neurodegenerative Diseases
 2003 - present Member of Editorial Board, Current Opinion in Neurobiology
 2002 - 2007 Member of Editorial Board, Genes & Development
 2002 - 2009 Associate Editor, Molecular and Cellular Neuroscience
 2001-2004 Member of Faculty of 1000
 2001-2004 Member of the Scientific Advisory Board of Cellzome, Inc
 2000 Co-founder of the Biotech Company Cellzome, Inc., Heidelberg (taken over by GlaxoSmithKline in 2012)

1998 - 2009

Member of Editorial Board, Molecular and Cellular Neuroscience

ORGANIZATION OF WORKSHOPS AND COURSES

Sept. 12-14, 1996	EMBO workshop on "Molecular Biology of Axon Guidance" in Heidelberg (Co-organizer J. Flanagan)
Sept. 30-Oct.3, 1999	EMBO workshop on "Axon Guidance and Neural Plasticity" in Varenna, Italy (Co-organizer J. Flanagan)
Oct.8-15, 2000	EMBO Practical Course on "From mice to cells" in Heidelberg (joint with L. Minichiello, F. Maina, and A.M. Davies)
Oct. 27 - Nov. 3, 2002	EMBO Practical Course on "From mice to cells" in Monterotondo, Italy (joint with L. Minichiello, C. Nerlov, N. Rosenthal)
May 9-13, 2003	EU workshop on "Signaling death and survival in motor neurons" in Castellammare del Golfo, Italy (Co-organizer G. Pante)
January 21/22, 2006	EU workshop on "Nervous system repair" in Munich (joint with F. Bradke, L. Aron, A. Ertürk, E. Kramer)
July 16-20, 2006	EU workshop on "Extracellular mediators and intracellular pathways determining axon growth and cell survival/death" in Varenna, Italy (Co-organizer M. Baehr)

CURRENT MEMBERS OF THE KLEIN GROUP

Kristin Reuter (Admin. Ass.)	2008-
Aarathi Balijepalli (Predoc)	2009-
Daniel del Toro (Postdoc)	2010-
Amelia Douglas (Predoc)	2012-
Irina Dudanova (Postdoc)	2007-
Tom Gaitanos (Postdoc)	2009-
Jingyi Gong (Postdoc)	2011-
Graziana Gatto (Predoc)	2008-
Pontus Klein (Postdoc)	2007-
Jorg Körner (Predoc)	2010-
Hakan Kucukdereli (Predoc)	2010-
Daniel Nagel (Predoc)	2009-
Archana Mishra (Postdoc)	2000-

Sonia Paixao (Postdoc)	2004-
Marion Ponserre (Predoc)	2012-
Maria Sakkou (Postdoc)	2007-
Katharina Schulz-Trieglaff (Predoc)	2012-
Annelies van Hoecke (Postdoc)	2012-
Li Xin (Postdoc)	2012-
Pilar Alcalá (Res. Ass.)	2007-
Louise Gaitanos (Res. Ass.)	2006-
Jana Lindner (Res. Ass.)	2011-
Gönül Seyit (Res. Ass.)	2007-

PREVIOUS SCIENTIFIC MEMBERS OF THE KLEIN GROUP

Previous scientific members with PI status and their current affiliations (position and time period in my lab)

Amparo Acker-Palmer (Postdoc 1999-2001)
Professor, Cluster of Excellence Macromolecular Complexes (CEF), Frankfurt University

Ralf H. Adams (Postdoc 1996-2000)
Director at Max-Planck Institute for Biomolecular Medicine, Münster, Germany

Riccardo Brambilla (Postdoc 1993-1997)
Group Leader at San Raffaele, Milan, and Italy Cardiff University, UK

Katja Brückner (Predoc 1994-1999)
Asst. Professor at UCSF, San Francisco, CA

Joaquim Egea (Postdoc 2002-2009)
Group Leader, Departament de Ciències Mèdiques Bàsiques, Universitat de Lleida, Spain

Ingvar Ferby (Postdoc 2002-2006)
Group Leader, The Wolfson Institute for Biomedical Research, University College London, UK

Jean-Luis Goergen (Postdoc 1993-1995)
Group Leader, CNRS, Vandoeuvre-les-Nancy, France

Iлона Grunwald-Kadow (Predoc 1999-2002; Postdoc 2006-2008)
Group Leader at Max-Planck Institute of Neurobiology, Martinsried, Germany

Françoise Helmbacher (Postdoc 1999-2004)
Group Leader, IBDM, Campus de Luminy, Marseille, France

Tomoko Iwata (Postdoc 2000-2002)
Senior Lecturer, Beatson Laboratories for Cancer Research Glasgow, G61 1BD, UK

Edgar Kramer (Postdoc 2000-2008)
Group Leader, Center for Molecular Neurobiology Hamburg (ZMNH), Germany

Klas Kullander (Postdoc 1998-2001)
Assoc. Professor at Uppsala University, Uppsala, Sweden

Juan Pablo Labrador (Predoc 1994-1998)
Group Leader, Trinity College, Dublin, Ireland

Taija Mäkinen (Postdoc 2003-2006)
Group leader, Cancer Research UK, London, UK

Flavio Maina (Postdoc 1995-2000)
Group Leader, IBDM, Campus de Luminy, Marseille, France

Liliana Minichiello (Postdoc 1993-2000)
Reader and Deputy Director, Centre for Neuroregeneration, University of Edinburgh, UK

Andreas Schnapp (Postdoc 1993-1995)
Department Head, Pulmonary Research, Boehringer Ingelheim Pharma KG, Germany

George Wilkinson (Postdoc 1998-2007)
Asst. Professor, University of Wisconsin, Milwaukee, USA

Satoru Yamagishi (Postdoc 2004-2011)
Assistant Professor, Hamamatsu University, Hamamatsu, Japan

Manuel Zimmer (Predoc 1998-2003)
Group Leader, IMP, Vienna, Austria

CURRENT FACULTY OF THE DEPARTMENT OF MOLECULAR NEUROBIOLOGY

Rüdiger Klein Head of Department and of Molecular and Developmental
Neurobiology Laboratory

Soo Jin Min-Weissenhorn Transgenic Service

EXTERNAL RESEARCH SUPPORT

Present Research Support

- 2013-2019 ERC Synergy grant (TOPAG) together with Ulrich Hartl, Wolfgang Baumeister, and Matthias Mann on Toxic Protein Aggregation in Neurodegenerative Diseases (Total € 13,9 Mio for the network, for 6 years).
- 2010-2013 Grant from the German Israeli Foundation for Scientific Research and Development (G.I.F) joint with Rafi Lamprecht, Haifa University on the role of Eph receptors in synaptic plasticity and fear memory formation (each € 112,000 for 3 years).
- 2010-2013 DFG grant within the research network SFB 870 on “Assembly and function of neuronal circuits in sensory processing”. Coordinator: B. Grothe. (€ 235,000 for my group for 4 years)

PATENTS

Co-inventor on the following US patents:

- Tyrosine kinase negative TrkB
- Methods for detection of neuroactive substances
- Mice deficient in neurotrophin receptors