

Prof. Dr. Markus Löbrich
Radiation Biology and DNA Repair
Department of Zoology
TU Darmstadt – University of Technology
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Germany



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Curriculum Vitae

Name: Markus Löbrich

Position: Full Professor
TU Darmstadt - University of Technology
Radiation Biology and DNA Repair
Schnittspahnstr. 10
D-64287 Darmstadt

Biographical:

Date of Birth December 28, 1965, Gießen
Citizenship German
Marital Status Married with Katja Elena Löbrich, two daughters
Address Bornhofener Weg 7, 35510 Butzbach/Ostheim

Education:

1990 Diplom in Physics (M.S.)
1993 Dr. rer. nat. (Ph.D.)
1996 Postdoc training in Biology
1999 Habilitation in Biophysics

Work History:

1985 – 1987 Basic study in Physics at the *Technische Hochschule Darmstadt*, Germany

1987 – 1990 Advanced study in Physics at the *Justus-Liebig-Universität (JLU) Gießen*, Germany

May 1989 – July 1990:

Master thesis at the *Strahlencentrum der JLU Gießen* in the Department of Radiation Biophysics: “The effect of ionising radiation on the inhibition of transcription of ribosomal DNA”

September 1990:

Major exams for the degree ‘Diplom-Physiker’

1990 – 1994 Employed as Research Scientist at the *Strahlencentrum der JLU Gießen* in the Department of Radiation Biophysics

July 1992 – June 1993:

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- Scientific stay as a fellow of the German Academic Exchange Service (DAAD) at the *Lawrence Berkeley National Laboratory* in Berkeley, CA, USA in the Department of Radiation Biology and DNA Repair
- September 1993:
Ph.D. thesis at the *Strahlencentrum der JLU Gießen* in the Department of Radiation Biophysics: “Mechanisms of DNA double-strand break repair in mammalian cells exposed to ionising radiation”
- November 1993:
Major exams for the degree ‘Dr. rer. nat.’
- 1994 – 1996 Postdoc at the *Lawrence Berkeley National Laboratory* in Berkeley, CA, USA in the Department of Radiation Biology and DNA Repair
- 1996 – 1999 Assistant Professor (*Hochschulassistent, C1*) at the *JLU Gießen* for Cellular and Molecular Radiation Biophysics
- March 1997 – May 1997:
Scientific stay at the *Istituto Superiore di Sanità* in Rome, Italy
- March 1998 – April 1998:
Scientific stay at the *Lawrence Berkeley National Laboratory* in Berkeley, CA, USA
- April 1999:
Habilitation in Biophysics at the *JLU Gießen*
- 1999 – 2006 Associate Professor (*Universitätsprofessor, C3*) at the *Saarland University* in Homburg, Medical Faculty, Biophysics Department, Radiation Biology and DNA-Repair Group
- October 1999 – 2007
Authorized Representative for Radiation Protection of the *Saarland University*
- October 2002 – 2007
Associated Member (*kooptiertes Mitglied*) in the Faculty for Natural Sciences – Technical Faculty III of the *Saarland University* (involves the right to act as main advisor for Ph.D. dissertations)
- 2006 – 2007 Full Professor (W3) at the *Saarland University* in Homburg, Medical Faculty, Biophysics Department, Radiation Biology and DNA-Repair Group
- since 2007 Full Professor (W3) at the *TU Darmstadt* (University of Technology Darmstadt), Radiation Biology and DNA-Repair Group

Awards and Honours:

- 5/1998 Hanns-Langendorff-Award for the paper ”Repair of x-ray-induced DNA double-strand breaks in specific NotI restriction fragments in human fibroblasts: Joining of correct and incorrect ends“ (PNAS 92, 12050-12054), award of the *Vereinigung Deutscher Strahlenschutzärzte*
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- 7/2002 Friedrich-Dessauer-Award for “outstanding scientific contributions in the field of Radiation Research“, award of the *Gemeinschaftsausschuss Strahlenforschung GAST und der Gesellschaft der Freunde und Förderer des Röntgen-Museums*
- 1/2003 Appointed member of the Committee for Radiation Risk of the *National Radiation Protection Board (Ausschuss Strahlenrisiko der Strahlenschutzkommission)*
- 1/2005 Appointed member of the Executive Committee of the *National Radiation Protection Board (Hauptausschuss der Strahlenschutzkommission)*
- 9/2005 Michael-Fry-Research-Award for “extraordinary contributions to the field of radiation research“, award of the *Radiation Research Society*
- 5/2006 Offer of the Director Position at the *GSF-Institute for Radiation Biology*; this offer is connected with an offer of a *Professorship for Radiation Biology* at the *Technical University Munich*
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