

## Griesinger, Christian

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### Education

1979 – 1982 Chemistry and Physics, University of Frankfurt, Germany  
1982 Prediploma in Physics, University of Frankfurt, Germany  
1984 Chemistry, University of Frankfurt, Germany, Diploma (summa cum laude; Mentor: H. Kessler)  
1984 – 1986 Chemistry, University of Frankfurt, PhD (summa cum laude; Mentor: H. Kessler)  
1986 – 1989 Postdoctoral fellow in the Laboratorium for Physical Chemistry, ETH Zurich (Mentor: R. R. Ernst)

### Research Experience

2001 - Honorary Professor, University of Goettingen  
1999 - Department Director and Scientific Member at Max Planck Institute for biophysical Chemistry, Goettingen  
1990 – 2000 Full Professor for Organic Chemistry, University of Frankfurt

### Community Service:

2007-2011 Member of the Göttingen Research Council  
2007-2008 Managing Director of the Max Planck Institute for Biophysical Chemistry  
2007 Organizer of the German NMR meeting, Göttingen (250 participants)  
2006 Organizer of the ICMRBS Göttingen (850 participants)  
2006- Main organizer of EMBO course: “Advanced biomolecular NMR (biannual)”  
2005 - Mentor of MPG (until 2009) and of MPI (from 2009) Partner group at UN Rosario (Claudio Fernandez)  
2004 - DFG study section member: Basics of Biology and Medicine  
2004 - Associate Editor for FEBS letters  
2002- Member of the Russel Varian prize committee (15.000 € prize)  
2002-2010 Member of the EUROMAR committee  
2000 Chair of the Executive Committee of the 41<sup>st</sup> ENC, Asilomar, CA, USA (1500 participants)  
1997 - Associate Editor of Journal of Magnetic Resonance  
1997 – 2001 Contact Professor for the Fonds der Chemischen Industrie  
1997 – 2000 Chairman of the subgroup Magnetic Resonance Spectroscopy  
1995 – 2000 Codirector of the Large Scale Facility of Biomolecular NMR, University of Frankfurt  
1995 – 2001 Member of the Executive Committee of the ENC  
1994 – 1996 Member of the Executive Committee of its subgroup Magnetic Resonance Spectroscopy  
1994 - Member of the GDCh  
1993 – 1997 Chair of the Institute for Organic Chemistry, University of Frankfurt

### Honors and Awards

2012 Theodor Bücher award Lecture held at FEBS and IUBMB congress, Sevilla, Spain  
2011 Elected member of EMBO  
2011 ELHUYAR-GOLDSCHMIDT prize of the Royal Society of Spain and the GDCh  
2009 Honorary member of the National Magnetic Resonance Society (India)  
2008 ERC Advanced grant: HiddentimeNMR  
2008 Elected Member of the National Academy of Sciences, Leopoldina  
2007 - Elected member of the Academy of Sciences of Goettingen  
2003 Otto-Bayer-Prize  
1998 Leibniz Prize of the Deutsche Forschungsgemeinschaft  
1998 Cofounder of MRPHARM  
1997 Sommerfeld Prize of the Bavarian Academy of Science  
1996 Prize for the best Chemistry Book of the Fonds der Chemischen Industrie together with Prof. Quinkert and Prof. Egert for “Aspects of Organic Chemistry”  
1989 Young Scientist’s Stipend of the Fonds der Chemischen Industrie  
1987 PhD award, University of Frankfurt  
1986 Stipend of the Fonds der Chemischen Industrie for finish of the PhD study  
1984 – 1986 Stipend of the Fonds der Chemischen Industrie for PhD students  
1979 – 1984 Member of the Studienstiftung des Deutschen Volkes  
1978 Bronze Medal. International Chemistry Olympiade, Torun Poland

**Research Interests**

- Synthesis and elucidation of structure and dynamics of biologically active molecules (peptides, DNA, RNA, oligosaccharides) using NMR spectroscopy in solution and in the solid state.
- Methods- and software development for multidimensional NMR spectroscopy
- Elucidation of mechanisms of Enzymes
- Structural biology of neurodegenerative diseases
- Transmembrane signalling
- Stereochemistry of natural products