

CV Jens Kleinjung

Dr Jens Kleinjung
Computational Molecular Science
The Francis Crick Institute
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[my web page \(click here\)](#)

Scientific Expertise

- protein sequence and structure analysis
- transcriptomics data analysis
- molecular simulations
- allostery
- molecular interaction networks

Professional Vita

- since 04.2015 : Senior Investigator Scientist, The Francis Crick Institute, London, U.K.
- 10.2005-03.2015 : Senior Investigator Scientist, National Institute for Medical Research, London, U.K.
- 12.2002-09.2005 : Assistant Professor of Bioinformatics, Vrije Universiteit, Amsterdam, The Netherlands
- 01.1998-11.2002 : Postdoctoral Research Fellow, National Institute for Medical Research, London, U.K.
- 12.1996-11.1997 : Postdoctoral Research Fellow, LCPM-CNRS, Nancy, France
- 04.1996-11.1996 : Research assistant, University Aachen, Germany
- 10.04.1996 : Dr. rer. nat. (PhD Chemistry), University Aachen, Germany
- 01.10.1992-01.04.1996 : PhD thesis (Chemistry) ‘Insulin-receptor interactions’, University Aachen, Germany
- 01.01.1992-30.06.1992 : Diploma thesis (Chemistry) ‘Phosphorylated Insulins’, University Aachen, Germany
- 08.1985-12.1991 : Studies in chemistry and biology, University Aachen, Germany

Awards & Grants

- 2010/2012 : EMBO long-term fellowship (ALTF 651-2009) to host J. Baussand
- 2008/2009 : European Science Foundation grant of the programme “Frontiers in Functional Genomics” to host J. Baussand
- 2008-2010 : EU project ProtFlexPred (Proposal N° 220256) of the programme “Marie-Curie Intra-European Fellowships for Career development” (Call identifier: PEOPLE-2007-2-1-IEF) to host A. Pandini
- 2007/2008 : European Science Foundation grant of the programme “Frontiers in Functional Genomics” to host A. Pandini
- 2004 : JSPS Invitation Fellowship (6 weeks) for collaborative research at the Global Scientific Information and Computing Center (GSIC), Tokyo with Dr. M. Ota; GRID application of fast protein folding simulations
- 1995-1997 : Research grant (2 years) ‘Synthesis of Phosphorylated Insulins’ from German Research Ministry (DFG)
- 1992-1995 : PhD stipend (4 years) of the Land Nordrhein Westphalia for outstanding students

Talks & Lectures

- 11.03.2014 : Crick Symposium on Quantitative Biology; ‘Signal Transduction in Protein Structures’
- 20.11.2013 : BOKU University Wien, Austria; ‘Signal Transduction in Protein Structures’
- 15.10.2012 : Radboud University Nijmegen, The Netherlands; ‘Functional Analysis of Proteins via Structural Alphabets’
- 05-06.2011 : Guest professorship at the ETH Zürich, Switzerland; Group of Prof. W.F. van Gunsteren (computer-aided chemistry)
- 05.2010 : German Research School for Simulation Sciences, Forschungszentrum Jülich, Germany; Course ‘Introduction to Bioinformatics’ (invitation by P. Carloni), 10 lectures and 3 tutorials
- 05.2009 : SISSA International School for Advanced Studies, Trieste, Italy; Course ‘Introduction to Bioinformatics’ (invitation by P. Carloni), 10 lectures and 3 tutorials
- 03.2009 : University of Liverpool, Liverpool, U.K.; ‘Algorithmic Approaches for Protein Structure Analysis and Design’
- 11.2008 : King’s College, London, U.K.; ‘Alignment Methods for Protein Modelling and Design’
- 09.2008 : University of Cagliari, Cagliari, Italy; ‘Principles of Biological Sequence Alignment’
- 06.2005 : Università degli Studi di Milano, Milano, Italy; ‘Unified Sequence and Structure Alignment’

- 02.2005 : Zentrum für Bioinformatik, Hamburg, Germany; ‘Unified Sequence and Structure Alignment’
- 02.2005 : CEINGE Institute, Napoli, Italy; ‘Flexible Sequence and Structure Alignment Using Constraints’
- 01.2005 : Groningen Bioinformatics Centre, Groningen, Netherlands; ‘Flexible Sequence and Structure Alignment Using Constraints’
- 08.2004 : Quantum Bioinformatics Group, Nara, Japan; ‘New Algorithms for Biological Sequence Analysis’
- 08.2004 : National Center of Genetics, Mishima, Japan; ‘New Algorithms for Biological Sequence Analysis’
- 07.2004 : Yokohama City University, Yokohama, Japan; ‘Recent Progress in Protein Molecular Dynamics Simulations’
- 11.2003 : Biotechnologia 2003, Havana, Cuba; ‘Contact-based Sequence Alignment’
- 09.2001 : Biophysical Chemistry 2001, Royal Society of Chemistry, London, U.K.; ‘Unfolding Simulations Using Leap-dynamics’
- 02.2001 : BBSRC Bioinformatics Grantholders’ Workshop, Hinxton, U.K.; ‘Quest: Iterative Sequence Searching’

Other Professional Activities

- Academic editor of Scientific Reports
- Academic editor of PLoS ONE
- Reviewer for various research funding organisations

Publications

ORCID list ([click here](#))