

I. Academic Status

Prof. Dr. Andreas Ladurner (PhD in Chemistry, University of Cambridge, UK, 2000)
 Full Professor and Chair of Physiological Chemistry
 Butenandt Institute of Physiological Chemistry, LMU Biomedical Center, Faculty of Medicine
 Ludwig Maximilians University of Munich
 Butenandtstrasse 5B, 81377 Munich, Germany

Date (Place) of Birth: 24/06/1971 (Merano, Italy)

Married, two children (Mia, 2007 and Aaron, 2012)

Nationality: Italian

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II. Education

- 1994 – 2000 PhD in Chemistry, University of Cambridge, United Kingdom
 Mentor: Professor Sir Alan Fersht, FRS
- 1990 – 1994 BSc in Biochemistry (Honours) – First Class, University of York, UK
 Mentors: Professors A.J. Wilkinson and Guy Dodson
- 1995 Boehringer Ingelheim Fonds (BIF), Predoctoral Fellowship
- 1994 Medical Research Council, Predoctoral Fellowship
- 1994 Herchel Smith Foundation, Cambridge University, Predoctoral Fellowship

III. Professional Qualifications

- 2013 – Member, DFG SFB network 1064: “Chromatin Dynamics” (coordinated by Prof. Dr. Peter Becker)
- 2012 – Member, DFG Excellence Cluster “Center for Integrated Protein Science Munich” (CIPSM)
- 2012 – Member, DFG Excellence Cluster “Munich Cluster for Systems Neurology” (SyNergy)
- 2012 – Member, DFG SFB network 646: “Networks in Genome Expression and Maintenance” (coordinated by Prof. Dr. Patrick Cramer)
- 2012 – Member, Bavarian Research Network for Molecular Biosystems (BioSysNet)
- 2011 – Member, International Max-Planck-Research School (IMPRS), Munich
- 2011 – Member of the Scientific Advisory Board of Volition Inc., Singapore
- 2010 – Member of the Rector’s Advisory Board, *Universita’ di Milano*, Italy
- 2010 – Full Professor and Chair of Physiological Chemistry
 Adolf-Butenandt-Institute, BioMedical Center, Medical Faculty, LMU Munich
- 2003 – 2012 Principal Investigator, Group Leader
 European Molecular Biology Laboratory (EMBL)
- 2002 – 2003 *Nature Structural & Molecular Biology*, Editor
 Nature Publishing Group Inc., New York, USA
- 1998 – 2002 Wellcome Trust International Prize - Research Associate
 Howard Hughes Medical Institute, UC Berkeley, USA
 Mentor: Professor Robert Tjian
- 1992 – 1993 Department of Biotechnology, Research Scientist
 Glaxo SmithKline Pharmaceuticals, Great Burgh, UK

IV. Management Experience (International Research Networks)

- 2013 – 2017 **Coordinator**, BMBF NEURON-Verbund “Food4Thought” (5 labs)
- 2011 – 2016 **Training Coordinator**, EU FP7 Network of Excellence *EpiGeneSys*
- 2009 – 2013 **Coordinator**, EU FP7 Marie Curie ITN Network *Nucleosome4D* (22 labs)
- 2006 – 2010 **Coordinator**, EU FP6 Marie Curie Network *Chromatin Plasticity* (13 labs)
- 2006 – 2010 **Coordinator**, Human Frontier Science Program, Program Grant

V. Prizes, Memberships, Editorial Boards and Languages

Prizes and Recognition

- 2012 **Elected Member**, European Molecular Biology Organization (EMBO)
2009 **Young Investigator Award, Schering Stiftung**. Awarded every 2 years by the *Gesellschaft für Biochemie und Molekularbiologie* (GBM).
2008 **Outstanding Young Investigator Award** of the *International Association for Protein Structure Analysis and Proteomics* (IAPSAP).
1999 1st Prize Winner *Young Italians Abroad*, Region Trentino-Südtirol, Italy
1998 **Wellcome Trust International Research Prize**

Other Memberships

- Member of the Advisory Board to the Rector of the University of Milano, Italy
- *American Society for Biochemistry & Molecular Biology*, Member
- *Gesellschaft für Biochemie und Molekularbiologie* (GBM), Member

Editorial Boards

- 2002 – 2003 Editor, *Nature Structural & Molecular Biology*
2008 – Editorial Board Member, *Epigenetics & Chromatin*

Languages

- Italian (mother tongue) German (mother tongue)
English (fluent) Spanish (*Cambridge University Certificate of Proficiency*)
Latin (scholarly) French (basic)

VI. Recent Key Publications

Maria Hondele, Tobias Stuwe, Markus Hassler, Felix Halbach, Andrew Bowman, Elisa T. Zhang, Bianca Nijmeijer, Christiane Kotthoff, Vladimir Rybin, Stefan Amlacher, Ed Hurt and Andreas G. Ladurner (2013). Structural basis of histone H2A-H2B recognition by the essential chaperone FACT. ***Nature* 499**, 111-114.

Anna Czarna, Alex Berndt, Hari Raj Singh, Astrid Grudziecki, Andreas G. Ladurner, Gyula Timinszky, Achim Kramer and Eva Wolf (2013). Structures of *Drosophila* Cryptochrome and mouse Cryptochrome1 provide insight into circadian function. ***Cell* 153**, 1394-1405.

Gytis Jankevicius, Markus Hassler, Barbara Golia, Vladimir Rybin, Martin Zacharias, Gyula Timinszky and Andreas G. Ladurner (2013). A family of macrodomain proteins reverses cellular mono-ADP-ribosylation. ***Nature Structural & Molecular Biology* 20**, 508-514.

Ammar A. Ali, Gyula Timinszky, Rachel Arribas-Bosacoma, Marek Kozlowski, Paul O. Hassa, Markus Hassler, Andreas G. Ladurner, Laurence H. Pearl and Anthony W. Oliver (2012). The zinc-finger domains of PARP1 cooperate to recognize DNA strand breaks. ***Nature Structural & Molecular Biology* 19**, 685-692.

Gyula Timinszky, Paul O. Hassa, Susanne Till, Michael Hothorn, Georg Kustatscher, Julien Colombelli, Matthias Altmeyer, Ernst H. K. Stelzer, Michael O. Hottiger and Andreas G. Ladurner (2009). A macrodomain-containing histone rearranges chromatin upon sensing PARP1 activation. ***Nature Structural & Molecular Biology* 16**, 923-929.

Michael Hothorn, Heinz Neumann, Esther D. Lenherr, Mark Wehner, Vladimyr Rybin, Paul O. Hassa, Andreas Uttenweiler, Monique Reinhardt, Andrea Schmidt, Jeanette Seiler, Andreas G. Ladurner, Christian Herrmann, Klaus Scheffzek and Andreas Mayer (2009). Catalytic core of a membrane-associated eukaryotic polyphosphate polymerase. ***Science* 324**, 513-516.