

Curriculum Vitae – Dr. Daniele Bano

Personal Data

Position	Research Group Leader
Current institution	Deutsches Zentrum für Neurodegenerative Erkrankungen e. V. (DZNE) in der Helmholtz-Gemeinschaft, Bonn, Germany
ORCID	0000-0002-9617-5504

Qualifications and Career

Stages	Periods and Details
Degree programme	1993-1998 , Degree in Biology, University of Padova, Italy
Doctoral thesis	2000-2003 , PhD in Biochemistry and Biophysics, University of Padova, Italy
Stages of academic/professional career	Since 2009 , Research Group Leader, DZNE, Bonn, Germany. 2008-2009 , Programme Leader Track, MRC Toxicology Unit, University of Leicester, Leicester, UK. 2007-2008 , Postdoc, Institute of Molecular Life Sciences, University of Zurich, Switzerland. 2003-2007 , Postdoc/ Senior Investigator scientist, MRC Toxicology Unit, University of Leicester, Leicester, UK.

Honors and Awards

2024, Habilitation Medical Faculty “Neurosciences, University of Bonn.
2021, National Scientific Habilitation in Molecular Biology and Biochemistry.
2007, Forschungskredit der Universität Zürich (University of Zürich).
2001, EMBO fellowship (EMBO).
2000 and 2001, Ing. Aldo Gini fellowship (Fondazione Ing. Aldo Gini, University of Padova).

Expertise and Research Focus

- Molecular metabolism, with a focus on mitochondrial bioenergetics and its impact on longevity pathways and neurodegenerative processes.
- Epigenetics, with a focus on replication-independent histone variants and on ATP-dependent chromatin remodeling SWI/SNF/BAF complex in metabolism, neurodevelopment and neurodegeneration.
- Main experimental models include *Caenorhabditis elegans* and induced pluripotent stem cells (iPSCs)-derived neuronal and nonneuronal cells.