

DI VENTURA, Barbara

Position Title

Full Professor (W3) for Biological Signalling Studies
Institute of Biology III / BIOSS

EDUCATION/TRAINING

Institution and Location	Degree	Year(s)	Field of Study
EMBL, Heidelberg, Germany	Dr. rer. nat.	2002 – 2007	Synthetic and systems Biology
University of Rome La Sapienza, Rome, Italy	Laurea in Ingegneria Informatica (bachelor & master degree in Computer Engineering)	1996 – 2002	Computer Engineering

A. Positions and Honours

Employment/Experience

2011 – 2017 Group Leader, Synthetic biology, focus on optogenetics, University of Heidelberg

2007 – 2011 Postdoc, Systems and Computational Biology, University of Heidelberg

Honors, Awards and Scholarships

2021 ERC Consolidator Grant awardee

Oct 2015 Third place at the international Genetically Engineered Machine (iGEM) competition (team advisor); Best Foundational Advance Project Prize; Best Poster Prize; iGEMer's prize.

Nov 2014 Grand Prize at the international Genetically Engineered Machine (iGEM) competition (team advisor); Best Foundational Advance Project Prize; Best Supporting Software Prize; iGEMer's Prize; Best Poster Prize.

Nov 2013 Grand Prize at the international Genetically Engineered Machine (iGEM) competition (team advisor); Best Foundational Advance Project Prize; Best Poster Prize.

Nov 2009 Poster prize at the DKFZ-ZMBH Alliance Retreat, Heidelberg, Germany

June 2009 Poster prize at the meeting "Physics of Biological Function", Bad Honnef, Germany

Sept. 2008-2009 Fellowship from the Christiane Nüsslein-Volhard-Foundation

2007-2010 BIOMS post-doctoral fellowship

1996 University of Rome "La Sapienza" scholarship

Other Scientific Activities

Since 2021 Chair of the Synthetic Biology working group of the German Society for Cell Biology (DGZ)

Since 2020 Chair of the Advisory Board of the German Association for Synthetic Biology
2019, 2022 Supervisor of the iGEM (international genetically engineered machines) teams from Freiburg University

Since 2016 Co-organizer of the Designer Biology meeting series

Since Oct 2014 Member of the Bioengineering and Bioprocessing Division of the European Federation of Biotechnology (EFB)

June 2010 Attendee of the EMBO Lab management course, Leimen

2008, 2013-15 Supervisor of the iGEM (international genetically engineered machines) teams from Heidelberg University

2004 Member of the organizing committee of the 5th EMBL PhD Students Symposium entitled: Design of Life: learning from Nature

2002-2003: elected as Students' Representative of the EMBL PhD Program