

## CV Prof. Dr. Leonie Ringrose

Date of birth: 30.07.1966  
Nationality: British  
Languages: Fluent in English, French and German

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Current position: Professor (W3) of Quantitative Biology of the Eukaryotic Cell, Institute of Biology, Humboldt-Universität zu Berlin, Germany

### Academic Education

- 1992 – 1997 Doctoral studies (PhD) in Molecular Biology/ Biochemistry, EMBL Heidelberg, Germany. Advisor: Dr. Francis Stewart. Thesis title: Biochemical analysis of the site-specific recombinases of yeasts and of Bacteriophage P1
- 1985 – 1989 BSc studies in Molecular Biology, University of East Anglia, Norwich, UK and Université d'Aix Marseille, France (Erasmus exchange year)

### Professional Career

- 2015 – present Full professor (W3) of Quantitative Biology of the Eukaryotic Cell at the Institute of Biology, Humboldt-Universität zu Berlin, Germany
- Nov 2014 – )  
Feb 2015 ) Sabbatical in the group of Martin Howard, department of Systems Biology, John Innes Centre, Norwich, UK
- 2006 – 2014 Junior group leader at IMBA, Vienna, Austria
- 2001 – 2005 Senior Postdoctoral fellow at ZMBH, Heidelberg, Germany
- 1999 – 2000 Postdoctoral fellow at Institut de Génétique Humaine, Montpellier, France
- 1997 – 1998 Postdoctoral fellow at EMBL, Heidelberg, Germany
- 1992 – 1997 PhD fellow at EMBL, Heidelberg, Germany
- 1990 – 1992 Patent examiner in Biotechnology at European Patent Office, Munich, Germany

### Fellowships, prizes and awards

- 2019 Winner of the Humboldt University Lifesciences Faculty "Preis für gute Lehre"
- 2017, 2022 Nominated and shortlisted for the Humboldt University "Preis für gute Lehre"
- 2006 EU FP6 Epigenome Network of Excellence NET award for Newly Established Team
- 1999 EU Marie Curie Post-Doctoral fellowship
- 1992 EMBL PhD fellowship

### Funding summary 2016- 2022 (see also full funding statement on next page)

	EUR ca.
Volkswagen Stiftung <a href="https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93165">https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93165</a>	48,000
Volkswagen Stiftung <a href="https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93721">https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93721</a>	120,000
DFG <a href="https://gepris.dfg.de/gepris/projekt/404308913?language=en">https://gepris.dfg.de/gepris/projekt/404308913?language=en</a>	400,000
H2020 MSCA ITN <a href="https://itn-pep.net/">https://itn-pep.net/</a>	4,000,000

**Total external funding secured at HU Berlin, approx:**

**EUR 4,568,000**

## Full funding statement (2006 – present)

<b>At IMBA, Vienna</b>			<b>EUR ca.</b>
2006 – 2009	EU framework 6	Network of Excellence “The Epigenome” NET member	120,000
2006 – 2009	Bm:bmK GEN-AU II	Epigenetic Plasticity of the Mammalian Genome	350,000
2008 – 2012	FCT Portugal	Foundation for Science and Technology	120,000
2009 – 2012	FWF, Austria	Non-coding RNAs of PRE/TREs	350,000
2011 – 2015	EU framework 7	“EpigeneSys” Network of Excellence“ Permanent member, workpackage coordinator.	200,000
<b>At HU Berlin</b>			
2017	Volkswagen Stiftung	Summer School ‘Epigenetics meets mathematics’ <a href="https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93165">https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93165</a>	48,000
2018 – 2019	Volkswagen Stiftung	“Experiment!- In search of bold research ideas” Take, remember, give back: The potential of Z-DNA as a carrier of epigenetic memory. <a href="https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93721">https://portal.volkswagenstiftung.de/search/projectDetails.do?ref=93721</a>	120,000
2019 – 2021	DFG Project grant	Investigation of the role of GTGT motifs in fly and mouse Polycomb/Trithorax Response Elements and their non- coding RNAs <a href="https://gepris.dfg.de/gepris/projekt/404308913?language=en">https://gepris.dfg.de/gepris/projekt/404308913?language=en</a>	400,000
2018 – 2022	EU H2020 Marie Skłodowska Curie Innovative Training Network PEP-NET: Predictive Epigenetics. <a href="https://itn-pep.net/">https://itn-pep.net/</a> (coordinator)		4,000,000
<b>Total external funding secured from 2006 to 2019, approx:</b>			<b>EUR 5,708,000</b>

## Academic Self- Governance at HU Berlin Institute of Biology

*Prüfungsausschuß* (examination board): Member since 2016, head (Vorsitz) since 2019.  
Together with colleagues at the Prüfungsamt, I oversee examination procedures, study regulations and thesis evaluations for Bachelors and Masters students. I handle disputes (grades, plagiarism, supervision agreements) and requests for compensatory measures for disadvantaged students (Nachteilsausgleiche).

*Zugangskommission* (admissions board): Head (Vorsitz) since 2019.  
The Zugangskommission oversees admissions for Bachelors and Masters programmes. I am specifically responsible for the evaluation of applications to the international Masters Program in Quantitative Molecular Biology.

*Kommission für Lehre und Studium* (teaching and studies committee): Member since 2017.  
I have been involved in the complete reform of the biology curriculum at Bachelors and Masters levels.

## Supervision

IMBA Vienna (2006 – 2014): 3 Postdocs, 8 PhD students, 6 Masters students, 3 technicians (a full list of these is available at <http://othes.univie.ac.at/cgi/search/advanced> ).

HU Berlin (2015 – present): Alumni include: 3 Postdocs, 5 masters students, 3 Bachelors students, 3 technicians.  
Current: 4 PhD students, 3 Masters students, 2 technicians, 2 admin staff.

## Activities in the Scientific Community

- 2018 – 2022 Coordinator of the MSCA ITN “PEP-NET”. <https://itn-pep.net/> 15 PhDs across Europe are funded and trained to combine theoretical and experimental approaches to epigenetics. PhDs started in October 2019 (funded with €4M).
- 2013 – 2019 Reviewer and panel member for ERC Starting Grants (Panel: LS1 Molecular and Structural Biology and Biochemistry).
- 2018 Reviewer and panel member for EMBL “EIPOD” independent post doc applications.
- 2017 Host and organizer of International Summer School “Epigenetics Meets Mathematics” July 2-9, Berlin. Funded with €48,000 by Volkswagen Stiftung.
- 2014 Invited book editor. Epigenetics and Systems Biology, Elsevier. Published 2017.
- 2010 – 2016 Permanent member, work package coordinator of EU FP7 NoE Epigenesys.
- 2009 – 2010 Contributed to proposal for EU FP7 NoE Epigenesys (funded with €15M).
- 2006 – present External reviewer for ERC Consolidator and Advanced Grants. Additional grant reviews and various tenure reviews. Reviewer for numerous scientific journals. Regular activities in PhD and MSc thesis committees of the Vienna Biocentre and HU Berlin.
- 1997 – present Freelance trainer in PhD and Postdoc training programme of the Deutsches Krebsforschungszentrum, Heidelberg (DKFZ). Writing Scientific English (1997 – present), Scientific presentation skills (1997 – 2008), How to write a competitive grant proposal (with head of DKFZ grant department Susan Kentner, 2019 – present).

## Selected invited presentations (since 2016)

- April 2022 ITN Cell2Cell Summer School, Mar, Portugal. Co-ord., Sigurd Braun, LMU Munich. Invited speaker
- Sept 2021 International Nucleome Consortium online seminar series. Seminar, invited by Daniel Jost
- July 2021 Fragile Nucleosome online seminar series. Seminar, invited by Matteo Perino
- Dec 2019 Department of Biochemistry, Oxford University, UK. Seminar, invited by Robert Klose
- Oct 2019 Ecole Normale Supérieure de Lyon, France. Seminar, invited by Francesca Palladino
- Sept 2019 FEBS/EMBO Chromatin Proteomics meeting, Crete, Greece. Invited speaker
- Sept 2019 Horizons in Molecular Biology PhD Symposium, University of Göttingen, Germany. Keynote speaker
- Feb 2019 LS2 Life Sciences Meeting, Zürich, Switzerland. Keynote speaker
- Oct 2018 Berlin Institute for Systems Biology Opening Meeting. Talk selected from abstracts
- Aug 2018 EMBL Transcription Meeting, Heidelberg, Germany. Talk selected from abstracts
- Feb 2018 Epigenetics – From Mechanisms to Disease. Cancun, Mexico. Invited speaker
- Sept 2017 Nils Bohr Institute, University of Copenhagen, Denmark. Seminar, invited by Kim Sneppen
- July 2017 Institute for Theoretical Biology, Humboldt University Berlin, 20 Years symposium. Invited speaker
- May 2017 Freie Universität Berlin, Germany. Seminar, invited by Helge Ewers
- Nov 2016 EMBL PhD symposium “Life by Numbers”. EMBL, Heidelberg, Germany. Invited speaker
- Oct 2016 2<sup>nd</sup> Danube conference on Epigenetics, 5-8 October 2016, Budapest, Hungary. Invited speaker
- Feb 2016 University of Adelaide, Australia. Seminar, Invited by Ian Dodd
- Feb 2016 Lorne Genome Conference, Lorne. Australia. Invited speaker