

Curriculum Vitae

Personal details:

Name Ing. Dr. Angelika Lahnsteiner, MSc., B.rer.nat.
Date of birth: March 4th, 1989
Citizenship: Austria
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Education:

2013-2018 PhD. in Molecular Biology with distinction at the Johannes Kepler University (JKU) Linz, Austria
2011-2013 M.Sc. in Molecular Biology with distinction at the JKU Linz and the PLUS; Austria
2008-2011 B.rer.nat. in Molecular Biology at the JKU Linz and PLUS; Austria
2003-2008 Chemical Engineer with distinction at the Higher Technical Academy for Chemistry, Austria

Positions and academic milestones:

since 2024 Deputy Chair Curricular Committee *Molecular Biology* at the PLUS, Austria
09/2022 Visiting Scientist at the Pennsylvania State University (PSU), USA
since 2022 Elected as spokeswomen for the non-tenured faculty for the faculty of natural and life sciences PLUS, Austria
since 2019 Member of the Curricular Committee *Molecular Biology* at the PLUS, Austria
since 2019 PostDoc position at the PLUS, Austria (6-year position, tenured after completing habilitation)
01-06/2019 PostDoc position at the JKU Linz, Austria
12/2018 Awarded with a PhD in Molecular Biology with distinction at the JKU Linz, Austria
08-11/2018 Visiting Scientist (PhD student) at the Pennsylvania State University (PSU), USA
09-10/2013 Visiting Scientist (PhD student) at the Helmholtz Center Munich, Institute for Diabetes Research of Prof. Annette-Gabriele Ziegler, Germany
2012-2013 BioMed zet Lifescience GmbH Linz, Austria, Project in diabetes research

Awards

2024 **Ars Docendi State Award for Excellent Teaching** – Awarded by the Federal Ministry of Education, Science and Research of the Republic of Austria; nominated by the University of Salzburg and the student representatives with €7,000
2024 FASEB Structure and DNA Dynamics - Best Poster Award
2023 **PLUS Excellence in Teaching Award**
2019 ÖGMBT Best Talk Award
2009 Award for excellent performance during the bachelor's degree at the PLUS

2009 Award for highly talented students of the Higher Technical Academy for Chemistry

Grants and Stipends

2024	University of Salzburg (PLUS) Early Career Grant	45,530€
2021	Austrian Diabetes Association (ÖDG) Starter Grant	10,000€
2018	JKU Internalization Grant for the research stay at the PSU	1,500€
2018	Internalization grant of the Council of Upper Austria for the research stay at the PSU, USA	1,500€
2016	Austrian Academy of Science doctoral stipend (OEAW DOC Fellowship)	112,500€
2013	FEMtech Stipend for Women in Science, Federal Ministry for Science, Austria	8.700€

Talks and Interviews

Invited

2024	<i>"Hypomethylation of G4s activate alternative promoters in metabolic diseases"</i> , Online Seminar, "Nucleic Acid Secondary Structures: G4s and Beyond" (Oct 3 rd 2024, http://www.paeschkelab.de/news.html)
2024	<i>"Consequences of Epigenetic Alterations in Metabolic Syndrome Patients"</i> , Austrian Association for Hypertension, Medical University Graz, Austria, (Oct 4 th 2024)
2024	<i>"Hypomethylation of G4s activate alternative promoters in metabolic diseases"</i> , PSU, USA
2023	<i>"Epigenetics in Metabolic Diseases: Potential Treatment Strategies"</i> , Annual meeting of the Austrian Diabetes Association (ÖDG)
2022	<i>"Alterations in Epigenetics in Metabolic Diseases"</i> , Annual meeting of the Austrian Cardiologists (Hypertension Meeting, Servier)
2020	<i>"Epigenetics - an underestimated factor in the development of metabolic diseases"</i> , Servier Meeting for Clinicians

Selected

2023	<i>"DNA G-quadruplex structure formation cause differentially methylated CpGs in lung cancer"</i> , 15. ÖGMBT Annual Meeting: Life Sciences and cutting-edge technologies
2021	<i>"How non-B DNA Structures Influence Human Meiotic Recombination"</i> , Online Seminar "Nucleic Acid Secondary Structures: G4s and Beyond"
2019	<i>"Poly-A heterozygosity strongly influences double-strand break repair during meiotic recombination"</i> , Annual ÖGMBT Meeting
2016	<i>"Poly-A microsatellites influence meiotic recombination"</i> , Central European Genome Stability and Dynamics Meeting, Zagreb, Croatia
2015	<i>"DNA secondary structures in meiotic recombination"</i> , Society for Molecular Biology and Evolution (SMBE) meeting Vienna

Invited Interview

2025	Interview for "Science" for the Science Careers initiative "How to", where scientists from a broad range of backgrounds and disciplines contribute their individual
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perspectives and experiences to a key aspect of an academic career (press release planned in Fall 2025)

Poster Presentations

1. FASEB DNA secondary structures, July 21st-25th, 2024, Melbourne, Florida, USA: *"G-quadruplexes are sites of differential methylation in metabolic diseases and shared in hepatocellular carcinomas"*
2. Epigenetics Workshop Vienna, Nov. 11th, 2023, Vienna Austria, *"Differentially methylated sites in lung cancer overlap with non-B DNA structures"*
3. EMBL Conference: Chromatin and Epigenetics (Online) May 17th-20th, 2021, *"G-quadruplex stability influences DNA methylation and leads to changes in transcription factor binding"*
4. ESHG Conference, June 15th-18th, 2019, Gothenburg, Sweden, *"STR instability during meiotic recombination and the influence of DNA repair gene variants"*
5. Abcam-Mechanisms in Recombination, May 20th-22nd, 2018, London, UK, *"STR instability during meiotic recombination and the influence of DNA repair gene variants"*
6. EMBO Meiosis, August, 27th-31st, 2017, Hvar, Croatia, *"STR instability during meiotic recombination and the influence of DNA repair gene variants"*
7. Abcam-Mechanisms in Recombination, May 16th-20th, 2016, Alicante, Spain, *"Meiotic recombination as a potential driver of short tandem repeat evolution"*

Science to Public and Voluntary Social Work

Contributions to education of children:

1. KinderUni Oberösterreich (University for Children, summer school), July 2023
2. KinderUni Oberösterreich (University for Children, summer school), July 2022

Social work:

3. Past Vice President and Founder of „We are Diabetes“, Umbrella organization of Diabetes Self-Help Austria, 2019-2021
4. Extended member of the Management Board of the Austrian Diabetes Society (Österreichische Diabetikervereinigung, ÖDV), 2005-now

Science to public publication and TV spots:

5. Scientific Writer for the patient magazine „Mein Leben“, 2005-now
6. PM Wissen, local TV documentation about living with diabetes and diabetes research together with Dr. Rainer Wimmer of Prof. Penninger's lab, ServusTV Austria (Press release: 30.10.2019)

Key National and International Collaboration Partners

1. Prof. Kateryna Makova (USA)
2. Assist. Prof. Monika Chechova (USA, Czech Republic)
3. Assoc. Prof. Marzia Cremona (Canada)
4. Dr. Matthias Weissensteiner (Germany)
5. Prim. Univ.-Prof. Dr. Elmar Aigner (Austria)
6. PD Dr. univ. med. Gudrun Gröppel (Austria)