Curriculum Vitae

Ing. Dr.rer.nat. Angelika Lahnsteiner, MSc. B.rer.nat. (former last name: Heissl)

Personal Data	
Date of birth:	March 4th, 1989
Citizenship:	Austria
Family status:	married
Present address:	University of Salzburg PLUS, Department of Biosciences and Medical Biology Hellbrunnerstraße 34, 5020 Salzburg, Austria Tel.: +43 662 8044-7223 E - Mail: angelika.lahnsteiner@plus.ac.at
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Academic Milestones and relevant positions	
2022	Visiting Scientist at the Pennsylvania State University (PSU)/USA
since 2022	Vize president of Curricular committee for the Molecular Biology study
since 2019	Member of the Curricular committee for the Molecular Biology study
since 2019	Tenured PostDoc position at the Paris Lodron University of Salzburg
2019	PostDoc at the JKU Linz
2018	Awarded with a PhD in Molecular Biology with distinction at the JKU Linz
2018	Visiting Scientist (PhD student) at the Pennsylvania State University (PSU)/USA
2013	Visiting Scientist (PhD student) at the Helmholtz Center Munich, Institute for Diabetes Research of Prof. Annette-Gabriele Ziegler
2012-2013	BioMed zet Lifescience GmbH Linz, Austria, Diabetes Research

Education	
2013-2018	PhD. in Molecular Biology at the Johannes Kepler University Linz, Austria
2011-2013	M.Sc. in Molecular Biology at the Johannes Kepler University Linz and University of Salzburg; Austria
2008-2011	B.rer.nat. in Molecular Biology at the JKU Linz and University of Salzburg; Austria
2003-2008	Chemical Engineer: Higher Technical Academy for Biochemistry

Awards and Grants	
2024	PLUS Early Career Grant 45.530€
2023	PLUS Excellence in Teaching Award
2021	OEDG starter Grant in diabetes research 10.000€
2019	ÖGMBT Best Talk Award
2018	JKU Grant for the research stay at the Pennsylvania State University

2018	Internalization grant of the Council of Upper Austria for the research stay at the Pennsylvania State University
2016-2018	PhD Fellowship of the Austrian Academy of Sciences ÖAW (DOC Fellowship) with 113.000€ for three years
2013	FEMtech grant of the Bundesministerium für Verkehr, Innovation und Technologie (bmvit) for six months with 1.450€ per month
2009	Grant for excellent performance during the bachelor's degree at the Paris-Lodron University of Salzburg (Leistungsstipendium)
2008	Award for highly talented students of the Higher Technical Academy for Chemistry

Research Output

2024

1. **Lahnsteiner A.,** Craig S.J.C., Kamali K., Weissensteiner B., McGrath B., Risch A., Makova K.D.: ***In vivo detection of DNA secondary structures using Permanganate/S1 Footprinting with Direct Adapter Ligation and Sequencing (PDAL-Seq);*** Methods in Enzymology, https://doi.org/10.1016/bs.mie.2023.12.003

2023

2. Bresgen N., Kovacs M., **Lahnsteiner, A.,** Felder T.K., Rinnerthaler M.: ***The janus-faced role of lipid droplets in aging: Insights from the cellular perspective.;*** Biomolecules 13 (2023), 10.3390/biom13060912

2022

3. Faltus C, **Lahnsteiner A,** Barrdahl M, Assenov Y, Hüsing A, Bogatyrova O, Laplana M, Johnson T. S, Muley T, Meister M, Warth A, Thomas M, Plass C, Kaaks R, Risch A, ***Identification of NHLRC1 as a Novel AKT Activator from a Lung Cancer Epigenome-Wide Association Study (EWAS).*** International journal of molecular sciences 23(18), 10699 (2022) [10.3390/ijms231810699]
4. Renato Salazar R, Arbeithuber B, Ivankovic M, Heinzl M, Moura S, Hartl I, Mair T, **Lahnsteiner A**, Ebner T, Shebl O, Pröll J, Tiemann-Boege I, ***Discovery of an unusual high number of de novo mutations in sperm of older men using duplex sequencing,*** Genome Research, 2022

2021

5. Schamschula E, **Lahnsteiner A**, Assenov Y, Stanke F, Wiederstein M, Hagmann W, Zaborsky N, Horejs-Höck J, Muley T, Plass C, Tümmler B, Risch A, ***Disease-related blood-based differential methylation in cystic fibrosis and its representation in lung cancer revealed a regulatory locus in PKP3 in lung epithelial cells,*** Epigenetics, 2021 Aug 20;1-24., doi: 10.1080/15592294.2021.1959976
6. Mair T, Ivankovic M, Paar C, Salzer H.J.F., **Heissl A**, Lamprecht B, Schreier-Lechner E, Tiemann-Boege I, ***Processing Hundreds of SARS-CoV-2 Samples with an In-House PCR-Based Method without Robotics***, Viruses 2021, 13, 1712. https://doi.org/10.3390/ v13091712

2019

7. **Heissl A**, Betancourt AJ, Hermann P, Povysil G, Arbeithuber B, Futschik A, Ebner T, Tiemann-Boege I, ***The impact of poly-A microsatellite heterologies in meiotic recombination.,*** Life Sci Alliance, 2019 Apr 25;2(2). pii: e201900364. doi: 10.26508/lsa.201900364.
8. Hermann P, **Heissl A,** Tiemann-Boege I, Futschik A., ***LDJump: Estimating Variable Recombination Rates from Population Genetic Data.***, Mol Ecol Resour. 2019 Jan 21. doi: 10.1111/1755-0998.12994.

2017

9. Tiemann-Boege I, Schwarz T, Striedner Y, **Heissl A.**, ***The consequences of sequence erosion in the evolution of recombination hotspots.,*** Philos Trans R Soc Lond B Biol Sci. 2017 Dec 19;372(1736). pii: 20160462. doi: 10.1098/rstb.2016.0462. Review.

10. **Heissl A**, Arbeithuber B, Tiemann-Boege I., ***High-Throughput Genotyping with TaqMan Allelic Discrimination and Allele-Specific Genotyping Assays.,*** Methods Mol Biol. 2017;1492:29-57.
11. Arbeithuber B, **Heissl A**, Tiemann-Boege I., ***Haplotyping of Heterozygous SNPs in Genomic DNA Using Long-Range PCR.,*** Methods Mol Biol. 2017;1551:3-22. doi: 10.1007/978-1-4939-6750-6_1.