

Assoc.-Prof. Barbara Kollerits, PhD, MPH

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Education:

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| 05/2005-03/2009 | PhD degree in the Doctorate Study of Medical Sciences “Program Genetics and Genomics”, Medical University of Innsbruck, Austria |
| 01/2005-10/2005 | Module series “Sportpsychologie und Mentalcoaching im Leistungssport”, Department of Sports and Circulatory Medicine, University Hospital Innsbruck, Austria |
| 04/2003-02/2005 | Postgraduate Degree Program Public Health and Epidemiology, Master of Public Health (M.P.H.postgrad.), Ludwig-Maximilians-University Munich, Germany |
| 1997-2002 | Study of Psychology, Leopold-Franzens-University, Innsbruck, Austria |
| 1989-97 | Reithmannngymnasium, Innsbruck, Austria |

Positions:

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| since 05/2015 | Associate Professor (varying extent of employment (70% since 04/2024), Institute of Genetic Epidemiology, Medical University of Innsbruck, Austria |
| since 01/2012 | Assistant Professor, Tenure-Track Position, Institute of Genetic Epidemiology, Medical University of Innsbruck, Austria |
| 03/2009-12/2011 | University Assistant (Post-Doctoral level), Institute of Genetic Epidemiology, Medical University of Innsbruck, Austria |
| 06/2006, 05/06 2008 | Project “Go Girls Go”, Department of Sports and Circulation Medicine, University Hospital Innsbruck, Austria |
| 05/2005-03/2009 | Doctoral candidate, Program Genetics and Genomics, Institute of Genetic Epidemiology, Medical University of Innsbruck, Austria |
| 06/2004-09/2004 | Participation in the project “Altersversorgung 04” in cooperation with the state of Tyrol (on a Master degree level), Institute of Clinical Epidemiology, Public Health, Health Economics, Medical Statistics and Informatics, Medical University of Innsbruck, Austria |
| 08/2003-11/2003,
04/2005-06/2005 | Statistical consulting for the design and analysis of clinical and epidemiological studies (on a Master degree level), Institute of Clinical Epidemiology, Public Health, Health Economics, Medical Statistics and Informatics, Medical University of Innsbruck, Austria |
| 06/2001-06/2011 | Scientific research assistant (varying extent of employment, max. 50%), Institute for Health and Rehabilitation Sciences, Ludwig-Maximilians-University Munich, Germany |

Career breaks:

04/2019-03/2020 On maternity leave, working part time (4.5 hrs)
07/2019-03/2020, working full-time 04/2020-05/2020
07/2016-11/2017 On maternity leave, working part-time (4.5 hrs) 12/2016-11/2017; working full-time 08/2017-09/2017

Net research experience: 05/2005 (start of PhD) – 10/2024: 15.38 years or 184.56 months

Research interests Genetic association studies, meta-analysis of epidemiological studies, evaluation of biomarkers (with a focus on afamin) in the field of lipoprotein metabolism, chronic kidney disease, atherosclerosis, diabetes mellitus

Academic publications: 131 original articles (25 as first or senior author, 42 as collaborator for e.g. the CKDGen and CKD Prognosis Consortium, the GCKD Study, ApoA-IV-GWAS and PARADISE Consortium)

Hirsch-Index 41 (until April 2025, based on WEB OF SCIENCE™)

Citations altogether

(without self-citation) 6459 (until April 2025 based on WEB OF SCIENCE™)

Additional research achievements:

Third-Party Funding: 117,800.00 € (projects as PI):

1. “An association study on metabolic parameters”: Tyrolean science fund: 01/2010-02/2013, 15,000.00 €
2. “A sequencing and genotyping approach to shed light on the genetic variation within the ARFRP1 gene”: Dr. Legerlotz foundation: 07/2010-03/2013, 17,800.00 €
3. “A genome-wide association study to identify susceptibility genes for peripheral arterial and cardiovascular disease”: Anniversary Fund of the Austrian Nationalbank (OeNB): 01/2010-12/2013: 85,000.00 €

Presentations:

> 27 oral and posters presentations at national and international meetings

Membership in scientific societies:

Austrian Society of Human Genetics (ÖGH), Austrian Society of Nephrology (ÖGN), Austrian Atherosclerosis Society (AAS), German Society of Epidemiology (DGEpi), Austrian Society of Epidemiology (OeGEpi)

Patent applications:

Europe: EP2468888: Novel markers for chronic kidney disease, Kronenberg F, Kollerits B, Fliser D. (granted 2018); USA: US 20120135428 A1: Markers for chronic kidney disease. Kronenberg F, Kollerits B, Fliser D.

Europe: EP2796879 / USA: US 20120003752 A1: Prognostic biomarkers for the progression of primary chronic kidney disease. Dieplinger B, Kollerits B, Mueller T, Struck J, Kronenberg F.

Europe: EP2946213: Prediction of kidney disease progression using homoarginine as a biomarker. Christiane Drechsler, Barbara Kollerits, Andreas Meinitzer, Stefan Pilz, Winfried März, Christoph Wanner, Florian Kronenberg.

Teaching Activities

- 2010-2022 Module „Bausteine des Lebens II; Biologie“, practical course on genetic risk assessment for medical students, Medical University of Innsbruck, Austria
- 2011-2019 Ring Lecture: Genetics and Genomics, PhD program Genetics, Epigenetics and Genomics, Medical University of Innsbruck, Austria
- since 2012 Module „Statistics“, Study of Molecular Medicine, Medical University of Innsbruck, Austria
- since 2012 Statistics for medical students (graduate students), Medical University of Innsbruck, Austria
- 2013-2018 Module „Medical Sciences“, practical course for medical students, Medical University of Innsbruck, Austria
- 2010-2015 Statistical Methods in Genetics, Medical University of Innsbruck, Austria
- 2012-2016 Statistics for Non-Clinical PhD "Advanced", Medical University of Innsbruck, Austria
- 2015-2018 Statistical Analysis in R, Module Genetics, Epigenetics and Genomics, Study of Molecular Medicine, Medical University of Innsbruck, Austria
- since 2018 Basic Statistics and Epidemiology for Non-Clinical PhD, Medical University of Innsbruck, Austria
- since 2022 Statistics for Non-Clinical PhD "Basic" (Genetic Counselling) , Medical University of Innsbruck, Austria
- since 2023 Biostatistics & Data management: Master's program Pharmaceutical Sciences – Drug Development and Regulatory Affairs, Leopold-Franzens University of Innsbruck, Austria

Scholarships and Awards:

- 2003: Award of the Dr. Heinz and Helene Adam Foundation (as co-author)
- 2007: Award of the Austrian Society of Nephrology (as first author)
- 2008: Two i-med foreign exchange scholarships of the Medical University of Innsbruck
- 2010: Hans Krister Stummvoll Award of the Austrian Society of Nephrology (as first author)
- 2016: EAS Best Poster Award for the presentation “Plasma concentrations of afamin are associated with prevalent and incident type 2 diabetes: a pooled analysis in more than 20,000 individuals” (as first author)
- 2018: Dr. Otto-Seibert Award (“to support research for socially disadvantaged individuals”) (as first author)