

Academic curriculum vitae

Andreas Ritsch, Ph.D.

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Date and Place of Birth: *December 7, 1965, Innsbruck, Austria*

Citizenship: *Austria*

Marital Status: *Married*

Career History

Present Position:	Assistant professor, Department of Medicine, University of Innsbruck
May 17, 2004	Associate Professor for Biochemistry at the Innsbruck Medical University
January 28, 1994	Ph.D. (Dr. rer. nat.)
1990 - 1993	Doctoral thesis Division of Clinical Atherosclerosis Research Department of Medicine, University of Innsbruck Title: Plasma Cholesteryl ester transfer in human
June 23, 1990	Magister of natural science (Mag. rer. nat.)
1989-1990	First thesis Department of Biochemistry Faculty of natural science, University of Innsbruck Title: DNA-Repair in Cockayne Syndrom
1984-1989	University of Innsbruck Major: Biology Fields of study: Biochemistry, Microbiology

National Service: February - October 1994

Research Interests

- Lipoprotein metabolism and atherosclerosis
- Reverse cholesterol transport with focus on CETP and SR-BI
- Development of polyclonal and recombinant single-chain antibodies (phage display), as well as corresponding quantification systems (RIA, ELISA)
- Animal models for atherosclerosis (Mice, rabbits)
- Gene transfer (receptor mediated endocytosis, viral vectors)

Prize / Grants (selected)

- Austrian Fond zur Förderung der wissenschaftlichen Forschung (FWF): P27116-B23, "HDL function and atherosclerosis: Studies in Apolipoprotein E Knockout Rabbits, 2015-), Principal Investigator.
- Jubiläumsfondsprojekt der Österreichischen Nationalbank (OENB): Projekt Nr.14532, "Cholesteryl Ester Transfer Protein and HDL function: Studies in CAD patients", current (started 2012), Principal Investigator.
- Austrian Fond zur Förderung der wissenschaftlichen Forschung (FWF): P19999-B05, "Thyroid and Lipid Metabolism: Inhibition of Atherosclerosis Progression by Thyromimetic Drugs", 2007-2011), Principal Investigator.
- Jubiläumsfondsprojekt der Österreichischen Nationalbank (OENB): Projekt Nr.12156, „Role of Scavenger Receptor Class B type I in the development of atherosclerosis“, 2006-2009), Principal Investigator.
- Main Prize 2004 of the Austrian Atherosclerosis Society (AAS).
- Jubiläumsfondsprojekt der Österreichischen Nationalbank (OENB): Projekt Nr.9340, „Expression und Regulation des Scavenger Rezeptor BI“, 2002-2004, Principal Investigator.

Teaching activities

- Conceptual design and lecture of course *Ethical aspects of gene therapy*, University of Innsbruck, since winter semester 2021/22.
- Conceptual design and lecture of course *Science Outreach*, University of Innsbruck, since summer semester 2018.
- Conceptual design and lecture of course *Gene Transfer* (WM1 Genetik-Epigenetik-Genomik), University of Innsbruck, since summer semester 2015.
- Conceptual design and lecture of course *Viral Gene Transfer* at the Department of Medicine, University of Innsbruck, since winter semester 2009/10.
- Conceptual design and lecture of course and practical *Recombinant Antibodies* at the Department of Medicine, University of Innsbruck, since winter semester 2002/03.

- Conceptual design and lecture of course *Gene Therapy* at the Department of Medicine, University of Innsbruck, since winter semester 1998/99.

Career-related-activities

- Member of the Austrian Association of Molecular Life Sciences and Biotechnology (OEGMBT)
- Board Member (Treasurer) of the Austrian Atherosclerosis Society (AAS)
- Member of the Arbeitskreis Klinischer Lipidstoffwechsel (Germany)
- Reviewer for International Journals (Atherosclerosis, Journal of Lipid Research, PlosOne, Circulation)
- Reviewer for International Grants (PMU Research Fund, Jubiläumsfond der Österreichischen Nationalbank, Dutch Diabetes Research Foundation, National Medical Research Council Singapore)
- Since 2005 Head of the Biosafety Committee of the Medical University of Innsbruck.
- External Member of various Biosafety Committees (Leopold Franzens University Innsbruck, Biochemie Kundl, BASF Kundl)
- Member of the Animal Ethic Committee of the Medical University of Innsbruck.

International Cooperations (selected)

- Hermann Stuppner, Institute of Pharmacy/Pharmacognosy, University of Innsbruck
- Edward Weinstein, SAGE Labs, 2033 Westport Center Drive, Saint Louis, MO, 63146, USA
- Jochum Plat, Maastricht University Medical Centre, the Netherlands.
- Zsuzsanna Bosze, University Gödöllő, Hungary.
- Winfried März, University of Heidelberg, Germany
- Arnold von Eckardstein, University Hospital Zurich, Switzerland

Publications List of all: see ORCID 0000-0002-0417-5161