

Scientific CV – Assoc. Prof. Dr. Monika Oberer

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Webpages: <https://molekularbiologie.uni-graz.at/en/strukturbiologie/>
<https://docfunds-molecular-metabolism.uni-graz.at/en/>
<https://www.medunigraz.at/lipid-hydrolysis/>
<https://www.medunigraz.at/en/doctoral-programs/phd-programm/biomolecular-structures-and-interactions-biomolstruct>

Bibliometric Data

ORCID ID: <https://orcid.org/0000-0003-2525-9513>

No of Publications: 51 (18 first and/or corresponding)

h-Index: 28 (Scopus, August 2021)

PhD students: 14 (11 finished, 3 ongoing)

Research Interests

Protein structure-function relationship; lipid metabolism; protein-lipid interaction; lipid hydrolyzing enzymes; NMR spectroscopy; X-ray crystallography.

Professional Experiences

Since 2019 Speaker of the doc-fund PhD program ‘Molecular Metabolism – MOBILES’ at the University of Graz

since 2014 Associate Professor, Institute of Molecular Biosciences (IMB), University of Graz

2013 “Habilitation” at the University of Graz

2011 - 2014 Assistant Professor (tenure track) at the IMB, University of Graz

2008 - 2011 University Assistant at the IMB, University of Graz

since 2006 PostDoc and Project Leader (GOLD-III, DK Molecular Enzymology, SFB-LIPOTOX, SFB Lipid Hydrolysis, Fondation Leducq, Stand-alone projects), University of Graz

2002 - 2006 Post-doctoral Research Fellow, Laboratory of Prof. G. Wagner, BCMP, Harvard Medical School, Boston, MA, USA

University Education

1998 - 2002 PhD thesis at the Institute of Chemistry, University of Graz, *Promotio sub auspiciis praesidentis rei publicae*

1997 Master thesis at the Institute of Physical Chemistry, University of Graz and Center of Molecular Genetics, University of California San Diego, La Jolla, CA, USA

1995 - 1996 Graduate studies of Biochemistry and Chemistry, Western Washington University, Bellingham, MA, USA

1991 - 1997 Graduate studies of Chemistry, University of Graz, Austria

Grants

2021-2025 doc.fund Biomolecular Structures and Interactions - BIOMOLSTRUCT (FWF, Austrian Science Fund)

2019-2023 SFB-Lipid Hydrolysis (FWF)

Curriculum Vitae Monika Oberer

2019-2023	doc.fund Molecular Metabolism – MOBILES (FWF/UG/ State of Styria/ City of Graz), speaker
2016	Incentive Support: S-Layer Proteins (University of Graz)
2013-2018	Transatlantic Network on Triglycerides — Triglyceride Metabolism in Obesity and Cardiovascular Disease (Foundation Leducq)
2013-2015	Unraveling the secrets of the “lipolysome”: Characterization of lipolytic proteins and its protein-protein complexes (NAWI Graz)
2012-2017	Einzelprojekt (Stand-alone project): Structure, dynamics, and substrate specificity of monoglyceride lipases (FWF, Austrian Science Fund)
2011-2017	SFB Lipotox, Subproject P16; Priority Research Program (FWF), 2 funding periods
2010-2015	Einzelprojekt (Stand-alone project): Functional Characterization of CGI-58 (FWF)
2009-2012	GOLD III - Genomics Of Lipid-associated Disorders: Component 12 (FFG/BMWF)
2008-2019	DK Molecular Enzymology (FWF) (4 funding periods)
2006-2009	GOLD II - Genomics Of Lipid-associated Disorders: Component 12 (FFG/BMWF)
2005-2006	Max-Kade Fellowship (Austrian Academy of Sciences & Max-Kade Foundation, USA)
2003-2005	Erwin-Schrödinger Fellowship (FWF)

Selected Awards

2015	Promotion Award for Scientific Achievements (Förderungspreis) sponsored by the State of Styria, Austria
2015	Journal of Structural and Functional Genomics, Poster Prize, Rehovot, Israel
2013	Cardinal-Innitzer Promotion Award, Vienna, Austria
2008	Award for Excellent Scientific Achievements, University of Graz
2004	Novartis-Prize for Chemistry, awarded by Novartis Austria
1998, 2002	Award of Academic Excellence (Würdigungspreis), Austrian Federal Ministry of Science
1996	HypercubeScholar Award, Western Washington University, USA

Selected Talks

2020	ÖGMBT Annual Meeting 2020, (invited), online
2018	GERLI 14th International Lipidomics Meeting (invited), St-Maximin-la-Sainte Baume, France
2018	Harvard Medical School, BCMP (invited), Boston, USA
2018	i-next Meets Industry Workshop: Translating Structural Biology into Biomedical Applications (selected), Grenoble, France
2017	The Adriatic NMR Conference (invited), Mali Ston, Croatia
2017	School of Pharmacy (invited), University of Nottingham, UK
2016	8th Conference Chemistry towards Biology (selected), Brno, Czech Republic