

CURRICULUM VITAE

Michael Roden, Prof. Dr.



Education and Postdoctoral Training

1986	Dr.med.univ., University of Vienna, Austria
1986-88	Research Fellow, Pharmacology Institute, University of Vienna
1988-93	Fellow, Internal Medicine, University of Vienna Medical School
1994-95	Max-Kade Fellowship, Yale University, New Haven, CT

Licensure and Certification

1994	Internal Medicine, Austria
1997	Endocrinology and Metabolism, Austria
2003	Clinical Pharmacology, Austria
2008	Internal Medicine and Clinical Studies ("Prüfarzt"), Germany
2010	Endocrinology and Diabetology, Germany

Academic Appointments

1982-84	Instructor in Anatomy, Univ. Vienna
1987-90	Lecturer, Pharmacological Institute, Univ. Vienna
1989-94	Assistant Lecturer, Dept. of Internal Medicine I/III, Univ. Vienna
1994	Assistant Professor ("Habilitation"), Univ. Vienna
1997	Associate Professor of Medicine, Univ. Vienna
2000-04	Board Member, Human Ethics Committee, Univ. Vienna
2003-08	Coordinator/Professor, Teaching Hospital Med. Univ. Vienna
2005-	Director, Karl-Landsteiner-Institute for Endocrinol. & Metab., Vienna
2008-	Chair/Professor of Medicine, Heinrich-Heine University, Düsseldorf
2008-	Scientific Executive Officer, German Diabetes Center (DDZ)

Clinical Appointments

1993-2003	Consultant, Dept. of Internal Medicine III, General Hospital Vienna
2003-08	Head, 1 st Medical Department, Hanusch Hospital, Vienna
2008-	Director, Department of Metabolic Diseases, Univ. Clinic Düsseldorf

Professional Interests

- Diabetes, insulin resistance, energy metabolism and mitochondrial function
- Isotopic dilution techniques and application of ^{13}C - ^{31}P - ^1H NMR spectroscopy
- Non-alcoholic steatosis
- Endocrine regulation (obesity, pheochromocytoma, hypoglycemia)

Publications

>250 Peer-Reviewed, >1400 Cumulative impact factor

Awards and Honors

- 1992 Friedrich Wewalka Memorial Award, Austr. Soc. for Gastroenterol. & Hepatol.
- 1996 Joseph-Skoda-Research Award, Austrian Society of Internal Medicine
- 2000 Ferdinand-Bertram Award, German Diabetes Association
- 2002 Sandoz/Novartis Award for Chemistry, Biology and Medicine
- 2004 International Novartis Award for Innovative Patient Oriented Research
- 2006 ESCI (formerly Mack-Foster) Award for Excellence in Clinical Sciences
- 2006 Oskar-Minkowski Prize, Europ. Assoc. for the Study of Diabetes (EASD)
- 2006 Hon. Prof. for Clinical Endocrinology, Danube Univ. Krems
- 2010 "Universitätsprofessor" by the Federal Ministry of Science & Research Austria

Editorial Boards

- 1997-2003 Assistant Editor Diabetologia
- 2002-10 Associate Editor Eur. J. Clin. Invest.
- 2004-08 Associate Editor Diabetic Medicine
- 2004- Member of the Editorial Board Am. J. Physiol. Endo. Metab.
- 2007- Member of the Editorial Board Exp. Clin. Endocrinol. Diabetol.
- 2009- Member of the Editorial Board Endocrinology
- 2010- Associate Editor Diabetologia

Functions in Professional Societies (highest rank)

- 2001-2002 Vice-President (European Society for Clinical Investigation)
- 2002-2005 Member of the Council (European Association for the Study of Diabetes)
- 2004-2005 President (Austrian Diabetes Association)
- 2004-2009 Member of the Board (Austrian Obesity Association)
- 2009- President (Central European Diabetes Association)
- 2011- Honorary Treasurer (European Association for the Study of Diabetes)

Specific Activities related to Diabetes mellitus

- 2006 Co-organizer, EU Conference: Prevention of Type 2 Diabetes
- 2007 Member, National Action Forum Diabetes, Germany
- 2009 Member of the Board of Speakers, BMBF-funded German Centers for Diabetes Research (DZD)

Peer-Reviewed Grants

- European Foundation for the Study of Diabetes (EFSD) (Principal Investigator)
- National Institutes of Health (NIH), NIDDK, Bethesda, Maryland (Partner)
- Juvenile Diabetes Research Foundation International (JDRF), New York (Partner)
- EU Consortium IMAGE (Member of Steering Committee, Partner)
- German Diabetes Foundation (DFG) (Principal Investigator)
- Austrian Research Foundation (FWF) (Principal Investigator)

5 Selected Publications

1. [Roden M](#), Price TB, Perseghin G, Falk-Petersen K, Cline GW, Rothman DL, Shulman GI (1996) Mechanism of free fatty acid induced insulin resistance in humans. *J Clin Invest* 97:2859-2865
2. [Roden M](#), Krssak M, Stingl H, Gruber S, Hofer A, Fürsinn C, Moser E, Waldhäusl W (1999) Rapid impairment of skeletal muscle glucose transport/phosphorylation by free fatty acids in man. *Diabetes* 48:358-364
3. Hanusch-Enserer U, Brabant G, [Roden M](#) (2003) Ghrelin concentration in morbidly obese patients after adjustable gastric banding. *N Engl J Med* 348:2159-2160 (letter)
4. Chmelik M, Schmid AI, Gruber S, Szendroedi J, Krššák M, Trattng S, Moser E, [Roden M](#) (2008). Three-dimensional high resolution magnetic resonance spectroscopic imaging for absolute quantification of ³¹P metabolites in human liver. *Mag Reson Med* 60:796-802
5. Szendroedi J, Phielix E, [Roden M](#) (2011) The role of mitochondria in insulin resistance and type 2 diabetes mellitus. *Nat Rev Endocrinol* doi: 10.1038/nrendo.2011.138. [Epub ahead of print]