

Curriculum vitae

Personal Data

Name: Ina Bergheim, Prof. Dr.
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Scientific curriculum vitae

08/1989-05/1990 Ethan High School, South Dakota, USA, High School graduation
08/1990-06/1992 Herzog Johann Gymnasium, Simmern, Germany
10/1992-09/1997 Diploma student of Nutritional Science, Justus Liebig University, Giessen, Germany
10/1997-04/2002 Ph.D. thesis, Dept. of Physiology of Nutrition, Universität Hohenheim, Germany
Titel thesis: "Alcohol and nutrition as causes of alterations of the retinoid metabolism (e.g., retinoic acid receptors) in the pathogenesis of colorectal cancer and squamous cell carcinoma in the esophagus of human"
09/2001-06/2003 PostDoc, Dept. of Gastroenterology and Hepatology, Robert Bosch Hospital, Stuttgart, Germany
07/2003-08/2005 PostDoc, Dept. of Pharmacology and Toxicology, University of Louisville, Kentucky, USA
10/2005-01/2008 Senior Scientist, Dept. of Nutritional Medicine, Prevention and Gender Research, Universität Hohenheim, Stuttgart, Germany
02/2008-10/2012 Head of a young investigator research group, Dept. of Nutritional Medicine, Prevention and Gender Research, Universität Hohenheim, Stuttgart, Germany
07/2010 State doctorate, majoring in "Nutritional Science" with focus on "Pathophysiology of Nutrition and Dietetics"
11/2012-8/2016 Full professor, Institute of Nutrition, Friedrich-Schiller-University Jena, Jena, Germany
9/2014-4/216 Head of Institute of Nutrition, Friedrich-Schiller-University Jena, Jena, Germany
Since 09/2016 Full professor, Department of Nutritional Sciences, University of Vienna, Austria

Selected Activities for the Scientific Community

Reviewer for the German Research Society (DFG) and Israelian Research Foundation (ISF)

Member of the board of trustees of the German Institute of Human Nutrition, Potsdam-Rehbruecke, Germany

Member of the editorial boards for Journal of Nutrition, Journal of Nutritional Biochemistry, American Journal of Physiology- Gastrointestinal and Liver Physiology

Field Editor: Alcoholism: Clinical and Experimental Research, Experimental and Clinical Endocrinology & Diabetes

Section Editor: European Journal of Nutrition

Key Funding last 3 years

„From gut-derived inflammation to obesity-related liver disease (OBIHEP)“, Joint META-Call (BMBF, 01KU1214A) (2012-2016), coordinator: Bergheim

„Role of hepatic Toll-like receptors in the development of obesity-associated fatty liver disease“, Federal Ministry of Education and Research (BMBF, 01G1122H) (2012-2016)

“Effects of an oral supplementation of arginine, citrulline and glutamine on the development and progression of non-alcoholic fatty liver disease (NAFLD): Prevention and Therapy“, Deutsche Forschungsgemeinschaft (DFG, BE2376/6-3) (2015-2019)

“Aging-associated modifications of intestinal homeostasis and barrier function: Role of microbiota, iNOS and innate immunity“, Deutsch Forschungsgemeinschaft“, (DFG, BE2376/8-1) (2016-2019)

“Effect of chronic elevated beer intake on hepatic metabolism: Role of hops compounds“
Wissenschaftsförderung der Deutschen Brauwirtschaft (WBD B 102), (2015-2017)

Selected Publications

Engstler AJ, Aumiller T, Degen C, Dürr M, Weiss E, Maier IB, Schattenberg JM, Jin CJ, Sellmann C, **Bergheim I**. Insulin resistance alters hepatic ethanol metabolism: studies in mice and children with non-alcoholic fatty liver disease. Gut. 2016 Sep;65(9):1564-71.

Spruss A, Kanuri G, Uebel K, Bischoff SC, **Bergheim I**. Role of the inducible nitric oxide synthase in the onset of fructose-induced steatosis in mice. Antioxid Redox Signal. 2011 Jun;14(11):2121-35.

Spruss A, Kanuri G, Wagnerberger S, Haub S, Bischoff SC, **Bergheim I**. Toll-like receptor 4 is involved in the development of fructose-induced hepatic steatosis in mice. Hepatology. 2009 Oct;50(4):1094-104.

Bergheim I, Weber S, Vos M, Krämer S, Volynets V, Kaserouni S, McClain CJ, Bischoff SC. Antibiotics protect against fructose-induced hepatic lipid accumulation in mice: role of endotoxin. J Hepatol. 2008 Jun;48(6):983-92

Bergheim I, Guo L, Davis MA, Lambert JC, Beier JI, Duveau I, Luyendyk JP, Roth RA, Arteel GE. Metformin prevents alcohol-induced liver injury in the mouse: Critical role of plasminogen activator inhibitor-1. Gastroenterology. 2006 Jun;130(7):2099-112.