Academic curriculum vitae:

Heinz Zoller

Personal details:

Heinz Zoller, MD

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Date and place of birth: 30.12.1972, Innsbruck, Austria

Research Areas:

Iron metabolism, chronic liver failure, hepatic encephalopathy, genetics

Scientific curriculum:

1991 – 1997: Medical School at the University of Innsbruck, Austria

1996 – 1997: M.D. thesis "Regulatory effects of Erythropoietin on heme biosynthesis in erythroid precursor cells" (Supervisor Prof. Günter Weiss)

1997 – 1998: Research fellow at the Laboratoy of Immunology and Immunotherapy, University of Innsbruck, Austria (Head Prof. Gunter Weiss)

1998 – 2004: Training in Internal Medicine at the University Hospital of Innsbruck, Austria and at Addenbrooke's Hospital Cambridge, UK

2003 – 2005: Wellcome International Research fellow at the Department of Medicine, University of Cambridge (Head: Prof. Timothy M Cox)

2005 – 2008: Training in Gastroenterology and Heptology at the Medical University of Innsbruck, Austria

2005 – 2012: associate Professor of Medicine at the Medical University of Innsbruck & University Hospital of Innsbruck

2012: W2 Professor of Hepatology at the Technische Universität München, Germany

Currently: associate Professor of Medicine, consultant Hepatologist & PI of the Molecular Hepatology group at the Medical University of Innsbruck & University Hospital of Innsbruck

Awards:

1998: Leistungsstipendium Faculty of Medicine, University of Innsbruck

2001: Wewalka Prize, Austrian Society of Gastroenterology and Hepatology

2003: Wellcome Trust international fellowship, Wellcome Trust, UK

2004: Sackler Award, Medical School, University of Cambridge, UK

2012: Liechtenstein Prize, Universities of Innsbruck & the Government of Liechtenstein

Research Grants held:

Östereichischer Jubiläumsfonds – Austrian National Bank Project
Project 8532 Mechanismen der Regulation von Eisentransportern (DMT1 und Hephastein)

Stand-alone project - Austrian Science Funds
Project P19579 Zelluläre Prohepcidin Maturation und Sekretion

Schroedinger Stipend – Austrian Science Funds
Project J2267 Molekulare Pathomechanismen der Eisenspeicherkrankheit

International Fellowship - Wellcome Trust
Project 070808/Z/03/Z The Molecular Pathogenesis of Hereditary Haemochromatosis

European Union Framework Programme 6
Project 026554 SABIO - Ultrahigh sensitivity slot-waveguide Biosensor on a highly integrated chip for simultaneous diagnosis of multiple diseases

Society memberships:

European association for the study of the liver (EASL)
Americal Association for the study of liver diseases (AASLD)
International Bioiron Society (IBIS) & European Iron Club
Österreichische Gesellschaft für Gastroenterologie und Hepatolgie (ÖGGH)

Reviewer:

Gastrenterology, Hepatology, Journal of Hepatology, Liver Transplantation, PloSone

10 most important publications:

Praschberger, R., M. Schranz, W.J. Griffiths, N. Baumgartner, M. Hermann, D.J. Lomas, A. Pietrangelo, T.M. Cox, W. Vogel, and H. H. Zoller, Impact of D181V and A69T on the function of ferroportin as an iron export pump and hepcidin receptor. Biochim Biophys Acta, 2014. 1842(9): p. 1406-12.

Mayr, R., W.J. Griffiths, M. Hermann, I. McFarlane, D.J. Halsall, A. Finkenstedt, A. Douds, S.E. Davies, A.R. Janecke, W. Vogel, T.M. Cox, and H. H. Zoller, Identification of mutations in SLC40A1 that affect ferroportin function and phenotype of human ferroportin iron overload. Gastroenterology, 2011. 140(7): p. 2056-63, 2063 e1.

Pietrangelo, A., J. Dooley, Y. Deugnier, A. Erhart, H. H. Zoller, and R. Safardi, EASL clinical practice guidelines for HFE hemochromatosis. J Hepatol, 2010. 53(1): p. 3-22.

Mayr, R., A.R. Janecke, M. Schranz, W.J. Griffiths, W. Vogel, A. Pietrangelo, and H. H. Zoller, Ferroportin disease: a systematic meta-analysis of clinical and molecular findings. J Hepatol, 2010. 53(5): p. 941-9.

Griffiths, W.J., R. Mayr, I. McFarlane, M. Hermann, D.J. Halsall, H. H. Zoller, and T.M. Cox, Clinical presentation and molecular pathophysiology of autosomal dominant hemochromatosis caused by a novel ferroportin mutation. Hepatology, 2010. 51(3): p. 788-95.

Muller, T., M.W. Hess, N. Schiefermeier, K. Pfaller, H.L. Ebner, P. Heinz-Erian, H. Ponstingl, J. Partsch, B. Rollinghoff, H. Kohler, T. Berger, H. Lenhartz, B. Schlenck, R.J. Houwen, C.J. Taylor, H. H. Zoller, S. Lechner, O. Goulet, G. Utermann, F.M. Ruemmele, L.A. Huber, and A.R. Janecke, MYO5B mutations cause microvillus inclusion disease and disrupt epithelial cell polarity. Nat Genet, 2008. 40(10): p. 1163-5.

H. Zoller, H., I. McFarlane, I. Theurl, S. Stadlmann, E. Nemeth, D. Oxley, T. Ganz, D.J. Halsall, T.M. Cox, and W. Vogel, Primary iron overload with inappropriate hepcidin expression in V162del ferroportin disease. Hepatology, 2005. 42(2): p. 466-72.

H. Zoller, H., I. Theurl, R.O. Koch, A.T. McKie, W. Vogel, and G. Weiss, Duodenal cytochrome b and hephaestin expression in patients with iron deficiency and hemochromatosis. Gastroenterology, 2003. 125(3): p. 746-54.

H. Zoller, H., R.O. Koch, I. Theurl, P. Obrist, A. Pietrangelo, G. Montosi, D.J. Haile, W. Vogel, and G. Weiss, Expression of the duodenal iron transporters divalent-metal transporter 1 and ferroportin 1 in iron deficiency and iron overload. Gastroenterology, 2001. 120(6): p. 1412-9.

H. Zoller, H., A. Pietrangelo, W. Vogel, and G. Weiss, Duodenal metal-transporter (DMT-1, NRAMP-2) expression in patients with hereditary haemochromatosis. Lancet, 1999. 353(9170): p. 2120-3.