CURRICULUM VITAE

Personal Data

Name:	Ursula Lemberger, PhD
Date of birth:	January 13th 1988
Civil status:	unmarried
Address:	Abt-Karlgasse 22-24
	1180 Wien
Nationality:	Austria
e-mail:	ursula.lemberger@meduniwien.ac.at
Languages:	English, fluent
	French, basic knowledge

Current Employment: Post doc, Lableader, Institute of Urology, Medical University of Vienna, (since 15. November 2017)

Education

PhD study N094

- October 2015 – August 2017: Institute of Clinical Pathology, Medical University of Vienna; Supervisor: Dr. Gerda Egger

- January 2015 – July 2015: Hans Popper Laboratory for Molecular Hepatology, Medical University of Vienna; Supervisor: Dr. Christoph H. Österreicher and Dr. Michael Trauner

- September 2013 – December 2014: Center for Physiology and Pharmacology, Institute of Pharmacology, Medical University of Vienna; Supervisor: Dr. Christoph H. Österreicher

Master – Molecular Medicine

2010 - 2013: Molecular Medicine, University of Vienna

Master thesis: 1.9 2012 – 30.6.2013
„Investigation of transposon mediated transgenesis using a Bacterial Artificial Chromosome (BAC) in mice“
Institute of Laboratory Animal Science, University of Veterinary Medicine Vienna,
Supervisor: Dr. Thomas Rülicke and Dr. Thomas Kolbe

Bachelor – Biomedicine and Biotechnology

2007-2010: Biomedicine and Biotechnology, University of Veterinary Medicine Vienna

Bachelor thesis: 1. 2. - 30.6.2010
„Analysis of DNA-Methylation in patients with colorectal cancer “
Institute for Clinical Pathology, Medical University Vienna, Supervisor: Dr. Gerda Egger

High school

2002-2007: Höhre Lehranstalt für Umwelt und Wirtschaft (HLUW) Yspertal, Matriculation June 2007

Know-how and Expertise

Congress

- International Liver Congress of the European Association for the Study of the Liver (EASL) 2014, London, Great Britain
  - Poster: “Lack of FSP1/S100A4 attenuates liver fibrosis in mice “ 10. April 2014

- Poster: “Hepatic stellate cells are the main source of myofibroblasts in a mouse model of chronic cholestatic liver disease “ 11. April 2014 *(selected for Oral Poster Presentation on 12. April 2014)*

- Young Scientist Association Symposium (YSA) 2014, Vienna, Austria
  - Talk: “Role of hepatic stellate cells in cholestatic liver disease“ 11. June 2014

- Falk Symposium 195 – Challenges and Management of Liver Cirrhosis 2014, Freiburg, Germany
  - Poster:“ Hepatocyte specific expression of a dominant stable form of β-catenin results in cholestatic liver disease“ 10.-15. October 2014

- International Liver Congress of the European Association for the Study of the Liver (EASL) 2015, Vienna, Austria
  - Poster: “Hepatocyte specific expression of a dominant stable form of β-catenin results in cholestatic liver disease“ 22.- 26. April 2015

- Young Scientist Association Symposium (YSA) 2015, Vienna, Austria
  - Talk: “Hepatocyte specific expression of a dominant stable form of β-catenin results in cholestatic liver disease” *(Prize for best Oral Presentation)* 10. June 2015

- International Liver Congress of the European Association for the Study of the Liver (EASL) 2016, Barcelona, Spain
  - Poster: “Hepatocyte specific expression of a dominant stable form of β-catenin results in disturbances in glycogen and fat metabolism “ 12. - 17. April 2016

- EASL - Monothematic conference 2016 "Liver fibrosis: the next goal of targeted therapy?, Porto, Portugal
  - Poster: “Hepatic stellate cells are the major source of collagen in murine models of liver fibrosis“

- Poster: “Hepatic stellate cells are the main source of myofibroblasts in a mouse model of chronic chlolestatic liver disease” 17. - 19. June 2016

- EASL - Monothematic conference 2017 „Cholangiocytes in health and disease“ Oslo, Norway
  - Poster: **“**Epigentic Profiling of Premalignant and Malignant Stages of Cholangiocarcinoma“ 9. - 11. June 2017

Internships

- „ Expression of histone deacetylase 8 in embryonic chicken brain “ Institute for Embryology, Medical University of Vienna; Supervisor: Dr. Christian Schoefer; March – July 2012

- „Establishment of a mouse model for human CML per intra bone marrow transplantation “ Institute of Laboratory Animal Science, University of Veterinary Medicine Vienna; Supervisor: Dr. Ullrike Scherer, September – December 2011

- „Establishment of an erythropoietin knock-out mouse“ Institute of Laboratory Animal Science, University of Veterinary Medicine Vienna; Supervisor: Dr. Thomas Kolbe, September - December 2008

- „Establishment of a murine stemcell line“ Institute of Laboratory Animal Science, University of Veterinary Medicine Vienna; Supervisor: Dr. Susanne Klinger, May – June 2008

- „The role of pax5 during embryonic development of medaka“ Institute for animal husbandry and genetics, University of Veterinary Medicine Vienna; Supervisor: Dr. Thomas Cerny, February 2008

- Leonardo da Vinci Scholarship (research internship funded by the EU) Cobbins Nursery, Worthing, England, June-August 2005

Technical skills

- FELASA-B course
- Embryo transfer (murine)
- Microinjection
- Microsurgery (embryo transplantation)
- Vasectomy
- *In vivo* live imaging
- Isolation of primary cells from mouse liver
- Cell culture (human, murine)
- Primer design
- Bisulfite conversion
- Methylight Quantification of DNA methylation
- qPCR
- Preparation of fresh frozen and paraffin embedded tissue for histology
- Cryotom cutting
- H&E staining
- Immunofluorescence
- Immunohistochemistry
- FISH
- Periodic acid-Schiff Staining
- Toluidine blue staining
- LSM microscopy
- Quantification of Hydroxyproline
- Cloning techniques
- Protein extraction
- Nuclear extraction
- ELISA
- Size Exclusion Chromatography
- Western Blot

- Kinase assay
- Kinase capture
- Statistical analysis of data via Prism, Lumianalyst, ImageJ, Ingenuity Pathway Analysis
- Sanger Sequencing
- Next generation Sequencing

Further skills and experiences

- MS Office
- Registered examiner for animal experiments
- Supervision of bachelor and master students
- Scientific project planning, design of experiments
- QM- Management qualification
- Waste Management Adviser
- Dangerous Goods Safety Adviser

Publications

Oncotarget. 2018 Jan 30;9(13):11243-11257. doi: 10.18632/oncotarget.24346.
Hepatocyte specific expression of an oncogenic variant of β-catenin results in lethal metabolic disorders in mice
Ursula J. Lemberger, Claudia Fuchs, Christian Schöfer, Christopher Gerner, Samuel M. Maier Tatjana Stojakovic, Makoto M. Taketo, Gerda Egger, Michael Trauner, Christoph H. Österreicher

Oncotarget. 2016 Dec 27;7(52):86985-86998. doi: 10.18632/oncotarget.13521
Hepatocyte specific expression of a dominant stable form of β-catenin results in cholestatic liver disease
Ursula J. Lemberger, Claudia Fuchs, Matthias Karer, Stefanie Haas, Tatjana Stojakovic, Hanns-Ulrich Marschall, Fritz Wrba, Makoto M. Taketo, Gerda Egger, Michael Trauner, Christoph H. Österreicher

Oncotarget. 2017 Jan 19. doi: 10.18632/oncotarget.14749.
Boosting the hypoxic response in myeloid cells accelerates resolution of fibrosis and regeneration of the liver in mice.

Kantari-Mimoun C, Krzywinska E, Castells M, Milien C, Klose R, Meinecke AK, Lemberger U, Mathivet T, Gojkovic M, Schrödter K, Österreicher C, Fandrey J, Rundqvist H, Stockmann C.

J Hepatol. 2016 Mar;64(3):674-81. doi: 10.1016/j.jhep.2015.10.024. Epub 2015 Oct 31.

Inhibition of intestinal bile acid absorption improves cholestatic liver and bile duct injury in a mouse model of sclerosing cholangitis.

Baghdasaryan A, Fuchs CD, Österreicher CH, Lemberger UJ, Halilbasic E, Påhlman I, Graffner H, Krones E, Fickert P, Wahlström A, Ståhlman M, Paumgartner G, Marschall HU, Trauner M.

Hepatology. 2015 Jun;61(6):2042-55. doi: 10.1002/hep.27635. Epub 2015 Mar 10.

Resolution of liver fibrosis requires myeloid cell-driven sinusoidal angiogenesis.

Kantari-Mimoun C, Castells M, Klose R, Meinecke AK, Lemberger UJ, Rautou PE, Pinot-Roussel H, Badoual C, Schrödter K, Österreicher CH, Fandrey J, Stockmann C.