

## **Curriculum vitae**

### **Kurt Zatloukal, M.D.**

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### ***Personal Data***

Date of Birth March 4th, 1959  
Place of Birth Graz, Austria  
Nationality Austrian

### ***Education***

1977-1985 Medical School, University of Graz  
1985 M.D. degree

### ***Career History***

1985-1991 Residence for pathologist at the Institute of Pathology, University of Graz, Austria (Head: Prof. Helmut Denk), with specialization in Molecular Pathology  
1992 Habilitation in Molecular Pathology  
1991-1993 Postdoc at the Research Institute of Molecular Pathology (I.M.P), Vienna, Austria, in the group of Prof. Max L. Birnstiel  
1997 Professor of Pathology

### ***Career-related Activities & Memberships***

1995 - Member of the Scientific Board for Gene Therapy and Gene Analyses of the Federal Commission for Gene Technology  
2000 - 2003 Member of the board of the Austrian Science Fund  
2001 - Member of the Bioethics Commission at the Federal Chancellery  
2001 Founder of Oridis-Biomed (CEO 2001-2005)  
2002 - 2005 President of the Austrian Society of Genetics and Gene Technology  
2002 - Corresponding member of the Austrian Academy of Sciences  
2002 - 2007 Member of the OECD task force on biological resource centres  
2004 - Member of the Roadmap Working Group of the European Strategy Forum on Research Infrastructure  
2002 - Coordination of the Genome Austria Tissue Bank, GATiB  
2008 - Coordination of Biomedical and Biobanking Resources Research Infrastructure, BBMRI

### ***Research Interests***

Molecular pathology of chronic liver and metabolic disorders; development of a biobank to support drug discovery and systems biology.

### ***Publications in the last 3 years***

- 1: Sagmeister S, Eisenbauer M, Pirker C, Mohr T, Holzmann K, Zwickl H, Bichler C, Kandioler D, Wrba F, Mikulits W, Gerner C, Shehata M, Majdic O, Streubel B, Berger W, Micksche M, Zatloukal K, Schulte-Hermann R, Grasl-Kraupp B. New cellular tools reveal complex epithelial-mesenchymal interactions in hepatocarcinogenesis. *Br J Cancer*. 2008 Jul 8;99(1):151-9.
- 2: Calabrò A, Beissbarth T, Kuner R, Stojanov M, Benner A, Asslaber M, Ploner F, Zatloukal K, Samonigg H, Poustka A, Sültmann H. Effects of infiltrating lymphocytes and estrogen receptor on gene expression and prognosis in breast cancer. *Breast Cancer Res Treat*. 2008 Jul 1. [Epub ahead of print]
- 3: Strnad P, Stumptner C, Zatloukal K, Denk H. Intermediate filament cytoskeleton of the liver in health and disease. *Histochem Cell Biol*. 2008 Jun;129(6):735-49.

- 4: Lackner C, Gogg-Kamerer M, Zatloukal K, Stumptner C, Brunt EM, Denk H. Ballooned hepatocytes in steatohepatitis: the value of keratin immunohistochemistry for diagnosis. *J Hepatol.* 2008 May;48(5):821-8.
- 5: Yuille M, van Ommen GJ, Bréchet C, Cambon-Thomsen A, Dagher G, Landegren U, Litton JE, Pasterk M, Peltonen L, Taussig M, Wichmann HE, Zatloukal K. Biobanking for Europe. *Brief Bioinform.* 2008 Jan;9(1):14-24.
- 6: Hasselblatt P, Rath M, Komnenovic V, Zatloukal K, Wagner EF. Hepatocyte survival in acute hepatitis is due to c-Jun/AP-1-dependent expression of inducible nitric oxide synthase. *Proc Natl Acad Sci U S A.* 2007 Oct 23;104(43):17105-10.
- 7: Asslaber M, Zatloukal K. Biobanks: transnational, European and global networks. *Brief Funct Genomic Proteomic.* 2007 Sep;6(3):193-201.
- 8: Janig E, Haslbeck M, Aigelsreiter A, Braun N, Unterthor D, Wolf P, Khaskhely NM, Buchner J, Denk H, Zatloukal K. Clusterin associates with altered elastic fibers in human photoaged skin and prevents elastin from ultraviolet-induced aggregation in vitro. *Am J Pathol.* 2007 Nov;171(5):1474-82.
- 9: Sauermann M, Sahin O, Sültsmann H, Hahne F, Blaszkiewicz S, Majety M, Zatloukal K, Füzesi L, Poustka A, Wiemann S, Arlt D. Reduced expression of vacuole membrane protein 1 affects the invasion capacity of tumor cells. *Oncogene.* 2008 Feb 21;27(9):1320-6.
- 10: Asslaber M, Abuja PM, Stark K, Eder J, Gottweis H, Trauner M, Samonigg H, Mischinger HJ, Schippinger W, Berghold A, Denk H, Zatloukal K. The Genome Austria Tissue Bank (GATiB). *Pathobiology.* 2007;74(4):251-8.
- 11: Gottweis H, Zatloukal K. Biobank governance: trends and perspectives. *Pathobiology.* 2007;74(4):206-11.
- 12: Zollner G, Wagner M, Fickert P, Silbert D, Gumhold J, Zatloukal K, Denk H, Trauner M. Expression of bile acid synthesis and detoxification enzymes and the alternative bile acid efflux pump MRP4 in patients with primary biliary cirrhosis. *Liver Int.* 2007 Sep;27(7):920-9.
- 13: Stumptner C, Fuchsbichler A, Zatloukal K, Denk H. In vitro production of Mallory bodies and intracellular hyaline bodies: the central role of sequestosome 1/p62. *Hepatology.* 2007 Sep;46(3):851-60.
- 14: Aigelsreiter A, Janig E, Stumptner C, Fuchsbichler A, Zatloukal K, Denk H. How a cell deals with abnormal proteins. Pathogenetic mechanisms in protein aggregation diseases. *Pathobiology.* 2007;74(3):145-58.
- 15: Fickert P, Stöger U, Fuchsbichler A, Moustafa T, Marschall HU, Weiglein AH, Tsybrovskyy O, Jaeschke H, Zatloukal K, Denk H, Trauner M. A new xenobiotic-induced mouse model of sclerosing cholangitis and biliary fibrosis. *Am J Pathol.* 2007 Aug;171(2):525-36.
- 16: Wagner M, Zollner G, Fickert P, Gumhold J, Silbert D, Fuchsbichler A, Gujral JS, Zatloukal K, Denk H, Jaeschke H, Trauner M. Hepatobiliary transporter expression in intercellular adhesion molecule 1 knockout and Fas receptor-deficient mice after common bile duct ligation is independent of the degree of inflammation and oxidative stress. *Drug Metab Dispos.* 2007 Sep;35(9):1694-9
- 17: Zatloukal K, French SW, Stumptner C, Strnad P, Harada M, Toivola DM, Cadrin M, Omary MB. From Mallory to Mallory-Denk bodies: what, how and why? *Exp Cell Res.* 2007 Jun 10;313(10):2033-49.
- 18: Thallinger GG, Baumgartner K, Pirklbauer M, Uray M, Pauritsch E, Mehes G, Buck CR, Zatloukal K, Trajanoski Z. TAMEE: data management and analysis for tissue microarrays. *BMC Bioinformatics.* 2007 Mar 7;8:81.
- 19: Seil I, Frei C, Sültsmann H, Knauer SK, Engels K, Jäger E, Zatloukal K, Pfreundschuh M, Knuth A, Tseng-Chen Y, Jungbluth AA, Stauber RH, Jäger D. The differentiation antigen NY-BR-1 is a potential target for antibody-based therapies in breast cancer. *Int J Cancer.* 2007 Jun 15;120(12):2635-42.

- 20: Seidl H, Richtig E, Tilz H, Stefan M, Schmidbauer U, Asslaber M, Zatloukal K, Herlyn M, Schaidler H. Profiles of chemokine receptors in melanocytic lesions: de novo expression of CXCR6 in melanoma. *Hum Pathol.* 2007 May;38(5):768-80.
- 21: Panzitt K, Tschernatsch MM, Guelly C, Moustafa T, Stradner M, Strohmaier HM, Buck CR, Denk H, Schroeder R, Trauner M, Zatloukal K. Characterization of HULC, a novel gene with striking up-regulation in hepatocellular carcinoma, as noncoding RNA. *Gastroenterology.* 2007 Jan;132(1):330-42
- 22: Schneider J, Ruschhaupt M, Buness A, Asslaber M, Regitnig P, Zatloukal K, Schippinger W, Ploner F, Poustka A, Sültmann H. Identification and meta-analysis of a small gene expression signature for the diagnosis of estrogen receptor status in invasive ductal breast cancer. *Int J Cancer.* 2006 Dec 15;119(12):2974-9.
- 23: Hrzenjak A, Moinfar F, Kremser ML, Strohmaier B, Staber PB, Zatloukal K, Denk H. Valproate inhibition of histone deacetylase 2 affects differentiation and decreases proliferation of endometrial stromal sarcoma cells. *Mol Cancer Ther.* 2006 Sep;5(9):2203-10.
- 24: Denk H, Stumptner C, Fuchsbichler A, Müller T, Farr G, Müller W, Terracciano L, Zatloukal K. Are the Mallory bodies and intracellular hyaline bodies in neoplastic and non-neoplastic hepatocytes related? *J Pathol.* 2006 Apr;208(5):653-61.
- 25: Fickert P, Wagner M, Marschall HU, Fuchsbichler A, Zollner G, Tsybrovskyy O, Zatloukal K, Liu J, Waalkes MP, Cover C, Denk H, Hofmann AF, Jaeschke H, Trauner M. 24-norUrsodeoxycholic acid is superior to ursodeoxycholic acid in the treatment of sclerosing cholangitis in Mdr2 (Abcb4) knockout mice. *Gastroenterology.* 2006 Feb;130(2):465-81.
- 26: Fickert P, Fuchsbichler A, Marschall HU, Wagner M, Zollner G, Krause R, Zatloukal K, Jaeschke H, Denk H, Trauner M. Lithocholic acid feeding induces segmental bile duct obstruction and destructive cholangitis in mice. *Am J Pathol.* 2006 Feb;168(2):410-22.