

Schriftenverzeichnis (Stand 2008)

Originalarbeiten ("peer-reviewed")

- 1) **von Weizsäcker, F.**, Beug, H., Graf, T. Temperature-sensitive mutants of MH2 avian leukemia virus that map in the v-mil and the v-myc oncogene respectively. **EMBO J.** 5; 1521-1527, 1986
- 2) Graf, T., **von Weizsäcker, F.**, Grieser, S., Coll, J., Stéhélin, D., Patschinsky, T., Bister, K., Béchade, C., Calothy, G., Leutz, A. V-mil induces autocrine growth and enhanced tumorigenicity in v-myc-transformed avian macrophages. **Cell** 45; 357-364, 1986
- 3) **von Weizsäcker, F.**, Labeit, S., Koch, H.K., Oehlert, W., Gerok, W., Blum, H.E. A simple and rapid method for the detection of RNA in formalin-fixed, paraffin-embedded tissues by PCR amplification. **Biochem. Biophys. Res. Comm.** 174; 176-180, 1991
- 4) Blum, H.E., Galun, E., Liang, T.J., **von Weizsäcker, F.**, Wands, J.R. Naturally occurring missense mutation in the polymerase gene terminating hepatitis B virus replication. **J. Virol.** 65; 1836-1842, 1991
- 5) Blum, H.E., Galun, E., **von Weizsäcker, F.**, Wands, J.R. Inhibition of hepatitis B virus by antisense oligodeoxynucleotides. **Lancet** (Letter) 337; 1230, 1991
- 6) Ozturk, M. and collaborators: p53 mutation in hepatocellular carcinoma after aflatoxin exposure. **Lancet** 338; 1356-1359, 1991
- 7) Galun, E., Offensperger, W.-B., **von Weizsäcker, F.**, Offensperger, S., Wands, J.R., Blum, H.E. Human non-hepatocytes support hepadnaviral replication and virion production. **J. Gen.Virol.** 73; 173-178, 1992
- 8) **von Weizsäcker, F.**, Blum, H.E., Wands, J.R. Cleavage of hepatitis B virus RNA by three ribozymes transcribed from a single DNA template. **Biochem. Biophys. Res. Comm.** 189; 743-748, 1992
- 9) Blum, H.E., Zhang, Z.S., Galun, E., **von Weizsäcker, F.**, Garner, B., Liang, T.J., Wands, J.R. Hepatitis B virus X protein is not central to the viral life cycle in vitro. **J. Virol.** 66; 1223-1227, 1992
- 10) Rössle, M., Richter, G.M., Nöldge, G., Haag, K., **von Weizsäcker, F.**, Stass, M., Farthmann, E., Wenz, W., Palmaz, J.C. Transjugular intrahepatic portosystemic stent shunt: a 2 year follow up. **Dig. Surg.** 9; 6-12, 1992
- 11) Labeit, D., Back, W., **von Weizsäcker, F.**, Hermann, P., Melchert, F., Leonard, K., Labeit, S. Increased detection of HPV 16 virus in invasive, but not in early cervical cancers. **J. Med. Virol.** 36; 131-135, 1992
- 12) **von Weizsäcker, F.**, Blum, H.E., Wands, J.R. Polymerase chain reaction analysis of hepatitis B virus DNA in formalin-fixed, paraffin-embedded liver biopsies using a simplified and standardized amplification protocol. **J. Hepatol.**

20; 646-649, 1994

- 13) **von Weizsäcker, F.**, Pult, I., Geiss, K., Wirth, S., Blum, H.E. Selective transmission of variant genomes from mother to infant in neonatal fulminant hepatitis B. **Hepatology** 21; 8-13, 1995
- 14) **von Weizsäcker, F.**, Maeda, E., Brown, N., Poynard, T., Galun, E., Labeit, S., Caput, J.-C., Arima, T., Blum, H.E., Wands, J.R. Hepatitis B and C virus infection in HBsAg-negative alcoholics without i.v. drug abuse or previous blood transfusions. **Hepatol. Res.** 4; 80-87, 1995
- 15) Haffner, J., Keusch, G., Wahl, C., Sauter, B., Hürlimann, A., **von Weizsäcker, F.**, Krayenbühl, M., Biedermann, K., Brunner, U., Helfenstein, U., et al. Uremic small-artery disease with medial calcification and intimal hyperplasia (so called calciphylaxis): a complication of chronic renal failure and benefit from parathyroidectomy. **J. Am. Acad. Derm.** 33; 954-962, 1995
- 16) **von Weizsäcker, F.**, Wieland, S., Blum, H.E. Identification of two separable modules in the duck hepatitis B virus core protein. **J. Virol.** 69; 2704-2707, 1995
- 17) Bahn, A., Hilbert, K., Martine, U., Westedt, J., **von Weizsäcker, F.**, Wirth, S. Selection of a precore mutant after vertical transmission of different hepatitis B virus variants is correlated with fulminant hepatitis in infants. **J. Med. Virol.** 47; 336-341, 1995
- 18) **von Weizsäcker, F.**, Wieland, S., Blum, H.E. Inhibition of viral replication by genetically engineered mutants of the duck hepatitis B virus core protein. **Hepatology** 24; 294-29, 1996
- 19) Köck, J., Wieland, S., Blum, H.E, **von Weizsäcker, F.** Duck hepatitis B virus nucleocapsids formed by N-terminally extended or C-terminally truncated core proteins disintegrate during viral DNA maturation. **J. Virol.** 72; 9116-9120, 1998
- 20) **von Weizsäcker, F.**, Köck, J., Wieland S., Offensperger, W.-B., Blum, H.E. Dominant negative mutants of the duck hepatitis B virus core protein interfere with RNA pregenome packaging and viral DNA synthesis. **Hepatology** 30; 308-315, 1999
- 21) Thoma, C., Wieland, S., Moradpour, D., **von Weizsäcker, F.**, Offensperger, S., Madon, J., Blum, H.E., Offensperger, W.-B. Ligand-mediated retargeting of recombinant adenovirus for gene transfer in vivo. **Gene Ther.** 7;1039-1045, 2000
- 22) Truniger, K., Köck, J., Wirth, H.P., Muellhaupt, B., Arnold, C., **von Weizsäcker, F.**, Ammann, R.W., Blum, H.E. Trypsinogen gene mutations in patients with chronic or recurrent acute pancreatitis. **Pancreas** 22;18-23, 2001

- 23) Köck, J., Nassal, M., MacNelly, S., Baumert, T.F., Blum, H.E., **von Weizsäcker, F.** Efficient infection of primary tupaia hepatocytes with purified human and woolly monkey hepatitis B virus. **J. Virol.** 75;5084-5089, 2001
- 24) Balkow, S., Kersten, A., Tran, T.T., Stehle, T., Grosse, P., Museteanu, C., Utermöhlen, O., Pircher, H., **von Weizsäcker, F.**, Wallich, R., Müllbacher, A., Simon, M. Concert action of the Fas/FasL and perforin/granzymeA,B pathways is mandatory for the development of early viral hepatitis, but not for recovery from viral infection. **J. Virol.** 75;8781-8791, 2001
- 25) Geissler, M., Mohr, L., Weth, R., Köhler, G., Grimm, C.F., Krohne, T.U., **von Weizsäcker, F.**, Blum, H.E. Immunotherapy directed against α -fetoprotein results in autoimmune liver disease during liver regeneration. **Gastroenterology** 121;931-939, 2001
- 26) Thoma, C., Hasselblatt, P., Köck, J., Chang, S.F., Hockkenjos, B., Will, H., Hentze, M.W., Blum, H.E., **von Weizsäcker, F.**, Offensperger, W.-B. Generation of stable mRNA fragments and translation of N-truncated proteins induced by antisense oligodeoxynucleotides. **Mol. Cell** 8;1-8, 2001
- 27) **von Weizsäcker, F.**, Köck, Wieland, S., Beck, J., Nassal, M., Blum, H.E. Cis-preferential recruitment of duck hepatitis B virus core protein to the RNA/polymerase preassembly complex. **Hepatology** 35;209-216, 2002
- 28) Reifenberg, K., Nusser, P., Löhler, J., Spindler, G., Kuhn, C., **von Weizsäcker, F.**, Köck, J. Viral replication and virion export in X-deficient HBV transgenic mice. **J. Gen. Virol.**, 83;991-996, 2002
- 29) Tang, Z.-Y., Zhao, X., Klumpp, B., Wolff-Vorbeck, G., Levy, S., **von Weizsäcker, F.**, Blum, H.E., Baumert, T.F. Primary hepatocytes of tupaia belangeri as a model for hepatitis C virus infection. **J. Clin. Invest.** 109;221-232, 2002
- 30) Kündgen, L., Thoma, C., Köck, J., Wilting, J., Koch, H.K., Offensperger, W.-B., Blum, H.E., **von Weizsäcker, F.** Inhibition of duck hepatitis B virus replication by intrahepatic expression of an antiviral resistance gene. **J. Mol. Med.** 80;187-195, 2002
- 31) Oksuz M.O., Althoefer C., Winterer J.T., Windfuhr-Blum M., Kleinschmidt M., **von Weizsäcker F.**, Ochs A., Langer M. Pancreatico-mediastinal fistula with a mediastinal mass lesion demonstrated by MR imaging. **J. Magn. Reson. Imaging.** 16;746-750, 2002

- 32) Köck, J., Kann, M., Pütz, G., Blum, H.E., **von Weizsäcker, F.** Central role of a serine phosphorylation site within duck hepatitis B virus core protein for capsid trafficking and genome release. **J. Biol. Chem.** 278;28123-28129, 2003
- 33) Barth, H., Schafer, C., Adah, M.I., Zhang, F., Linhardt, R.J., Toyoda, H., Kinoshita-Toyoda, A., Toida, T., Van Kuppevelt, T.H., Depla, E., **von Weizsäcker, F.**, Blum, H.E., Baumert, T.F. Cellular binding of hepatitis C virus envelope glycoprotein E2 requires cell surface heparan sulfate. **J. Biol. Chem.** 278;41003-41012, 2003
- 34) Köck, J., Baumert, T.F., Delaney, W.E., Blum, H.E., **von Weizsäcker, F.** Inhibitory effect of adefovir and lamivudine on the initiation of hepatitis B virus infection in primary tupaia hepatocytes. **Hepatology** 38;1410-1418, 2003
- 35) Köck, J., Nassal, M., Deres, K., Blum, H.E., **von Weizsäcker, F.** Hepatitis B Virus Nucleocapsids Formed by Carboxy-terminally Mutated Core Proteins Contain Spliced Viral Genomes but Lack Full-Size DNA. **J. Virol.** 2004, 78; 13812-13818, 2004
- 36) Rösler, C., Köck, J., Malim, M.H., Blum, H.E., **von Weizsäcker, F.** Comment on "Inhibition of Hepatitis B Virus Replication by APOBEC3G" . **Science** 305;1403, 2004
- 37) Baumert, T.F., Yang, C., Schürmann, P., Köck, J., Ziegler, C., Grüllich, C., Nassal, M., Liang, T.J., Blum, H.E., **von Weizsäcker, F.** Hepatitis B Virus Mutations Associated With Fulminant Hepatitis Induce Apoptosis in Primary Tupaia Hepatocytes. **Hepatology** 41;247-256, 2005
- 38) Dandri, M., Burda, M.R., Zuckerman, D.M., Wursthorn, K., Matschl, U., Pollok, J.M., Rogiers, X., Gocht, A., Köck, J., Blum, H.E., **von Weizsäcker, F.**, Petersen, J. Chronic infection with hepatitis B viruses and antiviral drug evaluation in UPA mice after liver repopulation with tupaia hepatocytes. **J. Hepatol.** 42;54-60, 2005
- 39) Boettler, T., Spangenberg, H.C., Neumann-Haefelin, C., Panther, E., Blum, H.E., **von Weizsäcker, F.**, Thimme, R. Regulatory T cells suppress virus-specific CD8+ T cell proliferation during chronic hepatitis C virus infection. **Hepatology** 79; 7860-7870, 2005
- 40) Barth H., Cerino R., Arcuri M., Hoffmann M., Schürmann P., Adah M.I., Gissler B., Zhao X., Ghisetti V., Lavezzo B., Blum H.E., **von Weizsäcker F.**, Vitelli A., Scarselli E., Baumert T.F.. Scavenger receptor class B type I and hepatitis C virus infection of primary tupaia hepatocytes. **J Virol.** 79;5774-85, 2005
- 41) Rösler C., Köck J., Kann M., Malim M.H., Blum H.E, Baumert T.F., **von Weizsäcker F.** APOBEC-mediated interference with hepadnavirus production. **Hepatology** 42;301-9, 2005.
- 42) Spangenberg H.C., Viazov S., Kersting N., Neumann-Haefelin C., McKinney D., Roggendorf M., **von Weizsäcker F.**, Blum H.E., Thimme R. Intrahepatic

- CD8+ T-cell failure during chronic hepatitis C virus infection. **Hepatology**. 42;828-37, 2005
- 43) Neumann-Haefelin C., McKiernan S., Ward S., Viazov S., Spangenberg H.C., Killinger T., Baumert T.F., Nazarova N., Sheridan I., Pybus O., **von Weizsäcker F.**, Roggendorf M., Kelleher D, Klenerman P, Blum H.E., Thimme R. Dominant influence of an HLA-B27 restricted CD8+ T cell response in mediating HCV clearance and evolution. **Hepatology** 43;563-72, 2006
- 44) Tomai E., Butz K., Lohrey C, **von Weizsäcker F.**, Zentgraf H, Hoppe-Seyler F. Peptide aptamer-mediated inhibition of target proteins by sequestration into aggresomes. **J Biol Chem**. 281;21345-52, 2006
- 45) Fang X., Zeisel M.B., Wilpert J., Gissler B, Thimme R., Kreutz C, Maiwald T., Timmer J., Kern W.V, Donauer J., Geyer M, Walz G, Depla E., **von Weizsäcker F.**, Blum H.E., Baumert T.F. Host cell responses induced by hepatitis C virus binding. **Hepatology**. 43;1326-36, 2006
- 46) Klingmüller U., Bauer A., Bohl S., Nickel P.J, Breitkopf K., Dooley S., Zellmer S., Kern C., Merfort I., Sparna T., Donauer J., Walz G., Geyer M., Kreutz C., Hermes M., Götschel F., Hecht A., Walter D., Egger L., Neubert K., Borner C., Brulport M., Schormann W., Sauer C., Baumann F., Preiss R., MacNelly S., Godoy P., Wiercinska E., Ciucan L., Edelmann J., Zeilinger K., Heinrich M., Zanger UM., Gebhardt R., Maiwald T., Heinrich R., Timmer J., **von Weizsäcker F.**, Hengstler J.G. Primary mouse hepatocytes for systems biology approaches: a standardized in vitro system for modelling of signal transduction pathways. **Syst Biol** (Stevenage) 153;433-47, 2006
- 47) Bengsch B., Spangenberg H.C., Kersting N., Neumann-Haefelin C., Panther E., **von Weizsäcker F.**, Blum H.E., Pircher H., Thimme R. Analysis of CD127 and KLRG1 expression on hepatitis C virus-specific CD8+ T cells reveals the existence of different memory T-cell subsets in the peripheral blood and liver. **J Virol** 81;945-53:2007
- 48) Baumert T.F., Rösler C., Malim M.H., **von Weizsäcker F.** Hepatitis B virus DNA is subject to extensive editing by the human deaminase APOBEC3C. **Hepatology** 46;682-9, 2007
- 49) Götschel, F., Kern, C., Lang, S., Sparna, T. Markmann, C., Schwager, S., McNelly, S., **von Weizsäcker, F.**, Laufer, S., Hecht, H., Merfort, I. Inhibition of glycogen synthase kinase 3 leads to differential modulation of several signaling pathways in primary murine hepatocytes but fails to promote TNF-alpha-induced apoptosis. **Exp. Cell Res.**,314;1351-66, 2008
- 50) Petersen, J., Dandri, M., Mier, W., Lütgehetmann, M., Volz, T., **von Weizsäcker, F.**, Haberkorn, U., Lutz Fischer, U., Pollok, J.M., Erbes, B., Seitz, S., Urban, S., Prevention of hepatitis B virus infection in vivo by envelopeprotein-derived entry inhibitors. **Nature Biotechnology**, 26;335-41, 2008

- 51) Walter D, Schmich K, Vogel S, Pick R, Kaufmann T, Hochmuth FC, Haber A, Neubert K, McNelly S, **von Weizsäcker F**, Merfort I, Maurer U, Strasser A, Borner C. Switch from type II to I Fas/CD95 death signaling on in vitro culturing of primary hepatocytes. **Hepatology**. 48;1942-53, 2008

Klinisch-pathologische Konferenz

- 1) **von Weizsäcker, F.**, Schölmerich, J., Hellerich, U., Lausen, M. Synkope bei Leberrundherd und Anämie. **Med. Klin.** 85; 485-487, 1990
- 2) **von Weizsäcker, F.**, Roth, M., Schölmerich, J., Hellerich, U., Krause, T., Blum, U. Zervikale Lymphknotenschwellung und Diarrhoe. **Med. Klin.** 85; 653-655, 1990
- 3) **von Weizsäcker, F.**, Hellerich, U., Blum, U., Lausen, M. Obere gastrointestinale Blutung bei Splenomegalie. Portale Hypertension bei Milzvenenthrombose unklarer Ursache. **Med. Klin.** 86; 32-34, 1991

Wissenschaftliche Übersichtsartikel

- 1) Blum, H.E., **von Weizsäcker, F.** Rationelle klinisch-chemische Diagnostik hepatobiliärer Erkrankungen. **Internist** 32; 239-243, 1991
- 2) Blum, H.E., **von Weizsäcker, F.** Der HBsAg-negative, anti-HBc/ anti-HBs-positive Patient. **Internist** 32; 262-266, 1991
- 3) Volkenandt, M., Koch, O.M., **von Weizsäcker, F.** Punktmutationen als Krankheitsursache. **Dt. Ärzteblatt** 89(A₁); 3141-3145, 1992
- 4) Blum, H.E., **von Weizsäcker, F.**, Walter, E. Grundlagen der Gentechnologie. **Dtsch. med. Wschr.** 118; 589-592, 1993
- 5) Blum, H.E., **von Weizsäcker, F.**, Walter, E. Gentechnologie: medizinische Bedeutung. **Dtsch. med. Wschr.** 118; 629-633, 1993
- 6) **von Weizsäcker, F.**, Blum, H.E. Impact of molecular biology in gastroenterology. **Digestion** 54; 125-129, 1993
- 7) **von Weizsäcker, F.** Prinzip der Gentherapie. **Internist** 35; 123-129, 1994
- 8) **von Weizsäcker, F.** Gentherapie: Anwendungsmöglichkeiten. **Schweiz. Rundschau Med. Prax.** 84; 39-42, 1995
- 9) Blum, H.E., **von Weizsäcker, F.**, Wieland, S., Offensperger, S., Offensperger, W.-B. Antiviral therapy of hepatitis B virus infection: blocking viral gene expression. **Advanced Drug Delivery Reviews** 17; 321-331, 1995

- 10) **von Weizsäcker, F.**, Wieland S., Blum, H.E. Genterapeutische Ansätze bei Viruserkrankungen. **Arzneimitteltherapie** 14; 85-90, 1996
- 11) Wieland, S., **von Weizsäcker, F.**, Blum, H.E. Prionen. **Dtsch. Med. Wschr.** 121; 949-952, 1996
- 12) Blum, H.E., Moradpour, D., **von Weizsäcker, F.**, Wieland, S., Peters, Th., Rasenack, J.W.S. Hepatitis-B-Virusmutanten - klinische Bedeutung. **Z. Gastroenterol.** 35; 347-355, 1997
- 13) Blum, H.E., Wieland, S., **von Weizsäcker, F.** Gene therapy: basic concepts and applications in gastrointestinal diseases. **Digestion** 58; 87-97, 1997
- 14) Wands, J.R., Geissler, M., zu Putlitz, J., Blum, H.E., **von Weizsäcker, F.**, Mohr, L., Yoon, S.K., Melegari, M., Scaglioni, P.P. Nucleic acid-based antiviral and gene therapy of chronic hepatitis B infection. **J. Gastroenterol. Hepatol.** 12;354-369, 1997
- 15) **von Weizsäcker, F.**, Wieland, S., Köck, J., Offensperger, W.-B., Offensperger, S., Moradpour, D., Blum, H.E. Gene therapy for chronic viral hepatitis: ribozymes, antisense oligonucleotides, and dominant negative mutants. **Hepatology** 26;251-255, 1997
- 16) **von Weizsäcker, F.**, Arnold, C., Blum, H.E. Mutations and disease. **Dtsch. Med. Wochenschr.** 123;83-84, 1998
- 17) Arnold, C., Köck, J., **von Weizsäcker, F.**, Blum, H.E. Hereditary hemochromatosis. **Dtsch. Med. Wochenschr.** 123;397-398, 1998
- 18) **von Weizsäcker, F.** Genterapeutische Ansätze bei der Hepatitis B Virusinfektion. **Med. Welt** 50; 230-234, 1999
- 19) Offensperger, W.-B., Thoma, C., Moradpour, D., **von Weizsäcker, F.**, Offensperger, S., Blum, H.E. Antisense oligonucleotide therapy of hepadnavirus infection. **Methods Enzymol.** 314;524-536, 2000
- 20) **von Weizsäcker, F.** Cell transplantation in hepatology. **Schweiz. Rundsch. Med. Prax.** 89;1749-1752, 2000
- 21) Petersen, J., Ott, M., von **Weizsäcker, F.** Zelltherapie in der Hepatologie. **Z. Gastroenterol.** 39;975-980, 2001
- 22) **von Weizsäcker, F.**, Allgaier, H.P., Blum, H.E. Prävention des hepatozellulären Karzinoms. **Schweiz. Rundsch. Med. Prax.** 91; 393-395, 2002
- 23) **von Weizsäcker, F.**, Blum, H.E. Molekulare Diagnostik in der Gastroenterologie. **Schweiz. Rundsch. Med. Prax.** 91;2139-2143, 2002
- 24) Spangenberg, H.C., Zuber-Jerger, I., Thimme R., Blum, H.E., **von**

Weizsäcker, F. Medikamentöse Therapie des hepatozellulären Karzinoms. **Zentralbl. Chir.** 128;906-910, 2003

- 25) Panther E., Spangenberg H.C., Neumann-Haefelin C., Rösler K., Blum H.E., **von Weizsäcker F.**, Thimme R. The role of the virus specific T-cell response in acute and chronic HBV and HCV infection **Z. Gastroenterol.** 42;39-46, 2004
- 26) Spangenberg H.C., Thimme R., **von Weizsäcker F.**, Blum H.E. Best supportive care of hepatocellular carcinoma. **Internist** 45;777-785, 2004
- 27) Blum H.E., Berg T., Tillmann H.L., **von Weizsäcker F.** Treatment of problematic patients with hepatitis B. **Z. Gastroenterol.** 42;692-697, 2004
- 28) **von Weizsäcker F.** Management of chronic hepatitis B. **Schweiz Rundsch Med Prax.** 94;649-52, 2005
- 29) Baumert TF, Thimme R, **von Weizsäcker F.** Pathogenesis of hepatitis B virus infection. *World J Gastroenterol.* 13; 82-90, 2007

Buchbeiträge

- 1) **von Weizsäcker, F.** Kooperation der Onkogene v-myc und v-mil bei der Transformation von Hühnermakrophagen. In: Schettler, G., Marmé, D. (Hrsg.) Regression der Arteriosklerose, S. 29-32. **Springer Verlag**, 1988
- 2) Blum, H.E., Offensperger, W.-B., Walter, E., Offensperger, S., **von Weizsäcker, F.**, Gerok, W. Virology and Immunology of hepatitis B. In: Thaler, H. (Hrsg.) Gastroenterologie aus immunologischer Sicht, S. 72-82. **Georg Thieme Verlag**, Stuttgart-New York, 1989
- 3) **von Weizsäcker, F.**, Blum, H.E., Poynard, T., Wands, J.R. Detection of low level hepatitis B and hepatitis C virus genome in alcoholics. In: **Advances in the Biosciences** (Watson, R.R. Ed.) 86, 439-448, 1993
- 4) Sellinger, M., Roth, M, **von Weizsäcker, F.** Vorbereitung und Nachsorge bei Untersuchungen des Gastrointestinaltraktes, der Leber und des Pankreas. In: Schölmerich, J., Lausen, M., Gerok, W., Farthmann, E. (Hrsg.) MEMO Gastroenterologie und Hepatologie (redaktionell bearbeitet von F. v. Weizsäcker und M. Roth), S. 2-9. **Ferdinand Enke Verlag**, Stuttgart, 1994
- 5) Walter, E., **von Weizsäcker, F.** Akute Virushepatitis. In: Schölmerich, J., Lausen, M., Gerok, W., Farthmann, E. (Hrsg.) MEMO Gastroenterologie und Hepatologie (redaktionell bearbeitet von F. v. Weizsäcker und M. Roth), S. 280-282. **Ferdinand Enke Verlag**, Stuttgart, 1994
- 6) **von Weizsäcker, F.**, Roth, M. Leberzirrhose. In: Schölmerich, J., Lausen, M., Gerok, W., Farthmann, E. (Hrsg.) MEMO Gastroenterologie und Hepatologie (redaktionell bearbeitet von F. v. Weizsäcker und M. Roth), S. 302-305. **Ferdinand Enke Verlag**, Stuttgart, 1994

- 7) Blum, H.E., Pult, I., Walter, E., **von Weizsäcker, F.**, Wieland, S. Hepatitis-B-Virus-Mutanten: Molekularbiologie und Klinik. In: Maass, G., Stück, B. (Hrsg.) Virushepatitis A-E. Diagnose, Therapie und Prophylaxe, S. 92-10. **Kilian Verlag**, Marburg, 1994
- 8) Blum, H.E., Gerok, W., **von Weizsäcker, F.** Molekularbiologie und molekulare Pathologie. In: Gerok, W., Blum, H.E. (Hrsg.) Innere Medizin der Gegenwart: Hepatologie, S. 94-122. **Urban & Schwarzenberg**, München-Wien-Baltimore, 1995
- 9) Blum, H.E., **von Weizsäcker, F.** Gentherapie. In: Gerok, W., Blum, H.E. (Hrsg.) Innere Medizin der Gegenwart: Hepatologie, S. 713-720. **Urban & Schwarzenberg**, München-Wien-Baltimore, 1995
- 10) Blum, H.E., Offensperger, S., Offensperger, W.-B., Walter, E., **von Weizsäcker, F.**, Wieland, S. Chronic liver disease: current and future therapies. In: Dobrilla, G., Felder, M., de Pretis G. (Eds.) Advances in Hepatobiliary and Pancreatic Diseases - Special Clinical Topics, pp. 14-32. **Kluwer Academic Publishers**, Lancaster, 1995
- 11) Blum, H.E., **von Weizsäcker, F.**, Wieland, S., Offensperger, S., Offensperger, W.-B., Walter, E. Hepatitis B virus infection: molecular therapy and prevention. In: Müller, H.J., Scott, R.J., Weber, W. (Eds.) Hereditary Cancer, pp. 216-228. **Karger**, Basel, 1996
- 12) Blum, H.E., Wieland, S., **von Weizsäcker, F.** Gene therapy: basic concepts and applications in gastrointestinal diseases. In: Galmiche, J.P. (Ed.) Update Gastroenterology, pp. 33-47. **John Libbey Eurotext**, Paris, 1996
- 13) **von Weizsäcker, F.**, Blum, H.E., Wands, J.R. Hammerhead ribozyme mediated cleavage of hepatitis B virus RNA. In: Scanlon, K.J. (Ed.) Therapeutic applications of ribozymes. **Methods in Molecular Biology**, **Humana press**, 1998
- 14) Blum, H.E., Wieland, S., Walter, E., **von Weizsäcker, F.**, Offensperger, W.-B., Moradpour, D. Natural course of HBV infection. In: Koshy, R., Caselmann, W.H. (Eds.) Hepatitis B Virus, pp.75-92. **Imperial College Press**, 1998
- 15) Offensperger, W.-B., Madon, J., Thoma, C., Moradpour, D., **von Weizsäcker, F.**, Blum, H.E. Strategies for targeted uptake of antisense oligonucleotides in hepatocytes. In: Hartmann, G., Endres, S. (Eds.) Manual of Antisense Methodology, pp. 57-77. **Kluwer Academic Publishers**, Boston-Dordrecht-London, 1999
- 16) Blum, H.E., Baumert, T., Geissler, M., Hafkemeyer, P., Köck, J., Linhart, H., Mohr, L., Moradpour, D., Offensperger, W.-B., Thoma, C., **von Weizsäcker, F.** Gene therapy of viral hepatitis and its sequelae. In: Dienes, H.P., Brechot, C., Okuda, K. (Eds.) Chronic Hepatitis: New Concepts of Pathogenesis, Diagnosis and Treatment, pp. 255-268. **Kluwer Academic Publishers**, Boston-Dordrecht-London, 2000

- 17) **von Weizsäcker, F.**, Blum, H.E. Hepatitis B and D: virology and diagnosis. In: Boyer, J.L., Blum, H.E., Maier, K.-P., Sauerbruch, T., Stalder, G.A. (Eds.) Liver cirrhosis and its development, pp. 71-76. **Kluver Academic Publishers**, Boston-Dordrecht-London, 2001
- 18) Geissler, M., Allgaier, H.P., **von Weizsäcker, F.** Gen- und Immuntherapie des hepatozellulären Karzinoms. In: Allgaier, H.P. (Hrsg.) Das hepatozelluläre Karzinom, S. 112-120. **Uni-Med Science**, Bremen-London-Boston, 2002
- 19) **von Weizsäcker, F.**, Köck, J., MacNelly, S., Ren, S., Blum, H. E., Nassal, M. The Tupaia Model for the Study of Hepatitis B Virus: Direct Infection and HBV Genome Transduction of Primary Tupaia Hepatocytes In: Hamatake, R. K., Lau, J. Y. (Eds.) Hepatitis B and D protocols. Vol. 2: Immunology, Model Systems and Clinical Studies, pp. 153-161. **Methods in Molecular Biology, Vol. 96 Humana press**, Totowa, New Jersey, 2004
- 20) Baumert, T.F., Barth, H., Zhai, X., Schürmann, P., Tang, Z.-Y., Adah, M.I., Blum, H.E., **von Weizsäcker, F.** Tupaia belangeri as a model for hepatitis C virus infection. In: von Weizsäcker F., Roggendorf, M. (Hrsg.) Models of viral hepatitis, p. 106-119. **Karger**, Basel 2005
- 21) **von Weizsäcker, F.**, Blum, H.E.. Zell- und Molekularbiologie: potenzielle Anwendungen in der Gastroenterologie/ Hepatologie. In: Blum, H.E., Siegenthaler, W. (Hrsg.) Zell- und Molekularbiologie in der Inneren Medizin - Grundlagen und klinische Relevanz, S. 76-82. **Georg Thieme Verlag**, Stuttgart-New York, 2006
- 22) **von Weizsäcker, F.** Molekulare Diagnostik und Genetik. In: Riemann, J.F., Fischbach, W., Galle, P.R., Mössner, J. (Hrsg.) Gastroenterologie, S. 168-178. **Georg Thieme Verlag**, Stuttgart-New York, 2008

Herausgegebene Bücher

- 1) **von Weizsäcker F.**, Roggendorf, M. (Hrsg.) Models of viral hepatitis, p. 106-119. **Karger**, Basel 2005