

PUBLIKATIONEN

Boehme P, Doerner J, Solanki M, Jing L, Zhang W, Ehrhardt A. The sleeping beauty transposon vector system for treatment of rare genetic diseases: an unrealized hope? (2015) *Current Gene Therapy* 15(3), 255-65.

Boehme* P, Stellberger* T, Solanki M, Zhang W, Schulz E, Bergmann T, Liu J, **Doerner J**, Baiker A, Ehrhardt A. Standard free droplet digital polymerase chain reaction as a new tool for the quality control of high-capacity adenoviral vectors in small-scale preparations (2015) *Human Gene Therapy Methods* 26(1), 25-34, * equal contribution.

Boehme P, Doerner J, Ehrhardt A. Gentherapie längst keine Utopie mehr. (2015) Article in German. *DeutPharmz*; 11(15), 32-39.

Krakau M, Brockmann M, Titius B, Limmroth C, **Khalfaoui S**, Schildgen V, Dormann A, and Schildgen O (2015) Acute human bocavirus infection in MDS patient, Cologne, Germany; *Journal of Clinical Virology*, 69:44-7.

Hensel KO, Wirth S (2015) Current shortcomings in the treatment of cryptorchidism – analysis of a pediatrician. *Aktuelle Urologie* 46(5):373-377.

Hensel KO, Caspers T, Jenke A, Schuler E, Wirth S (2015) Operative Management of Cryptorchidism: Guidelines and Reality - a 10-Year Observational Analysis of 3587 Cases. *BMC Pediatrics* 15(1):116.

Hensel KO, Grimmer F, Jenke AC, Wirth S, Heusch A (2015) The Influence of Real-Time Blood Glucose Levels on Left Ventricular Myocardial Strain and Strain Rate in Pediatric Patients with Type 1 Diabetes Mellitus. *BMC Cardiovascular Disorders* 15:175.

Leischik R, Dworrak B, **Hensel KO** (2014) Intraobserver and interobserver reproducibility for radial, circumferential and longitudinal strain echocardiography. *Open cardiovascular medicine journal* 8, 102-109.

Lu R, Bausch A, Kallenborn-Gerhardt, Debruin N, Ruth P, Geisslinger G, Lukowski R, Schmidtko A (2015) Slack channels expressed in sensory neurons control neuropathic pain in mice. *The Journal of Neuroscience* 35(3), 1125-35.

Mohr M, Tosun S., Arnold WH, Edenhofer F, Zänker KS, and Dittmar T. (2015) Quantification of cell fusion events between human breast cancer cells and breast epithelial cells using a Cre-LoxP-based double fluorescence reporter system. *Cell. Mol. Life Sci.* 72(19):3769-82. *Doi* 10.1007/s00018-015-1910-6.

Mohr M, Zänker KS, and Dittmar T. (2015) Fusion in cancer: an explanatory model for aneuploidy, metastasis formation, and drug resistance. *Methods Mol Biol* 1313:21-40. *Doi*: 10.1007/978-1-4939-2703-6_2.

Mohr M, Zänker KS, and Dittmar T (2015) Cancer (stem) cell differentiation: An inherent or acquired property? *Med. Hypotheses* 85(6):1012-1018. *doi*: 10.1016/j.mehy.2015.08.017.

Postberg J, Kandera M, Forcob S, Willems R, Orth V, **Hensel KO**, Wirth S and Jenke AC (2015) CpG signaling, H2A.Z/H3 acetylation and miRNA mediated deferred self-attenuation orchestrate foetal NOS3 expression. *Clinical Epigenetics* 7, 9.

Postberg, J., M. Kandera, S. Forcob, R. Willems, V. Orth, K. O. Hensel, **P. P. Weil**, S. Wirth and A. C. Jenke (2015). "CpG signalling, H2A.Z/H3 acetylation and microRNA-mediated deferred self-attenuation orchestrate foetal NOS3 expression." *Clin Epigenetics* 7(1): 9.

Reith G, Schmitz-Greven V, **Hensel KO**, Schneider M, Tinschmann T, Bouillon B, Probst (2015) Metal implant removal: Benefits and drawbacks – a patient survey. *BMC Surgery* 15:96.

Reith G, Lefering R, Wafaisade A, **Hensel KO**, Paffrath T, Bouillon B, Probst C and the TraumaRegister DGU (2015) Injury pattern, outcome and characteristics of severely injured pedestrians. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine* 23:56.

Weil, P. P., K. O. Hensel, D. Weber and J. Postberg (2015). "An expanding universe of noncoding RNAs between the poles of basic science and clinical investigations." *Epigenomics*, Sept. 29.

Willems R, Krych L, Rybicki V, Jiang P, Sangild PT, Shen RL, **Hensel KO**, Wirth S, Postberg J, Jenke AC (2015) Introducing enteral feeding induces intestinal subclinical inflammation and respective chromatin changes in preterm pigs. *Epigenomics* 7(4):553-65.

Abstracts, Kongressbeiträge, freie Vorträge

Eichhorn V, **Khalfaoui S**, Pieper M, Karagiannidis C, Windisch W, Brockmann M, Schildgen O, Schildgen V (2015) Human bocavirus infection induces cytokine expression associated with lung fibrosis; Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark.

Eichhorn V, **Khalfaoui S**, Pieper M, Karagiannidis C, Windisch W, Brockmann M, Schildgen O, Schildgen V (2015) Human bocavirus infection induces cytokine expression associated with lung fibrosis; Vortrag bei der Jahrestagung der Deutschen Gesellschaft für Pathologie, Frankfurt 2015.

Hensel KO, Weil P, Willuhn L, Klein W, Jenke A, Wirth S, Postberg J (2015) Footsteps on the way to hepatocellular carcinoma - the influence of hepatitis B virus infection on histone acetylation, sirtuin activity, chromatin accessibility and the microRNAome. *Keystone Symposium: MicroRNAs and long non-coding RNAs in Cancer*, Keystone, Colorado, USA.

Hensel KO, Caspers T, Wirth S (2015) Wie leitliniengerecht ist der Operationszeitpunkt bei Maldescensus testis in Deutschland? - Eine bundesweite retrospektive Zehnjahresanalyse an 3587 Fällen. Jahrestagung der Deutschen Gesellschaft für Kinder- und Jugendheilkunde, München.

Hensel KO, Weil P, Willuhn L, Klein L, Jenke A, Wirth S, Postberg J (2015) Hepatitis B virus-induced histone hypoacetylation in non-transformed murine hepatocytes is associated with upregulated sirtuin activity and decreased chromatin accessibility. Jahrestagung der Deutschen Gesellschaft für Kinder- und Jugendheilkunde, München.

Hensel KO, Weil P, Willuhn L, Klein L, Jenke A, Wirth S, Postberg J (2015) Hepatitis B virus-induced histone hypoacetylation in non-transformed murine hepatocytes is associated with upregulated sirtuin activity and decreased chromatin accessibility. Jahrestagung der Deutschen Gesellschaft für Pädiatrische Infektiologie, Freiburg.

Mohr M, Tosun S, Edenhofer F, Dittmar T and Zänker KS (2015). Quantification of cell fusion events between breast cancer cells and breast epithelial cells exhibiting stem cell

characteristics. *8th International Meeting of the Stem Cell Network North Rhine Westfalia, Bonn, Germany, 21.4.-22.4.2015.*

Prickartz A, Lüsebrink J, **Khalifaoui S**, Schildgen O, Schildgen V, Brockmann M, Windisch W (2015) Quantitative PCR detects occult *Pneumocystis jirovecii* infections. e-Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark

Schildgen V, Mai S, **Khalifaoui S**, Lüsebrink J, Pieper M, Tillmann R, Brockmann M, and Schildgen O (2015) Successful culturing of *Pneumocystis jirovecii* in air-liquid interface cultures induces cytopathogenic damage of epithelia Poster bei der 25th ECCMID Conference, 25.-28.4.2015, Kopenhagen, Denmark

Tosun S, Fried S, Troost G, Keil S, Niggemann B., Zänker KS and Dittmar T (2015). Investigation of TLR-4 as well as -9 signaling in breast cancer cells, breast epithelial cells and their hybrids. *8th International Meeting of the Stem Cell Network North Rhine Westfalia, Bonn, Germany, 21.4.-22.4.2015.*

Tosun S, Fried S, Troost G, Keil S, Niggemann B, Zänker KS, Dittmar T (2015) Investigation of TLR-4 and -9 signaling in breast cancer cell x breast epithelial cell hybrids and parental cells. German Stem Cell Network, Frankfurt

Preise und Auszeichnungen

K. Hensel: "Alex Mowat Prize" – 1. Preis für den Besten Vortrag im Bereich Hepatologie auf der Jahrestagung der ESPGHAN 2015 in Amsterdam.

K. Hensel: "Alex Mowat Prize" – 1. Preis für den Besten Vortrag im Bereich Hepatologie auf der Jahrestagung der ESPGHAN 2015 in Amsterdam

Eingeworbene Drittmittel

P. Weil: RWGKJK-Stipendium 2015 (Vereinigung Rheinisch-Westfälischer Kinder- und Jugendärzte und Kinderchirurgen) in Höhe von € 10.000