

**Ahrens H, Petersen B, Herrmann D, Petkov SG, Frenzel A, Hauschild-Quintern J, Lucas-Hahn A, Hassel P, Ziegler M, Baars W, Schwinzer R, Niemann H:** Production of pigs with increased xeno-relevant transgene expression. 12<sup>th</sup> Meeting of the Int. Xenotransplantation Association, Osaka, Japan, 10.-13.11.2013

**Ahrens H, Petersen B, Queisser AL, Herrmann D, Kues W, Holler S, Hassel P, Lemme E, Lucas-Hahn A, Niemann H:** Generation of transgenic pigs carrying an siRNA vector directed against Tissue Factor expression. 12<sup>th</sup> Meeting of the Int. Xenotransplantation Association, Osaka, Japan, 10.-13.11.2013

**Bergmann A, Taylor U, Junge-Krämer S, Rath D:** Sperm binding to porcine epithelial cells: an immunological process or something more sweet ... ? Seminar on Uterine Health, Uppsala, Schweden, 07.-08.11.2013

**Bergmann A, Taylor U, Junge-Krämer S, Rath D:** Porcine spermatozoa interact with the uterine epithelium and modulate endometrial gene expression. 14<sup>th</sup> Biennial APSA Meeting, Melbourne, VIC, Australia, 24.-27.11.2013

**Garrels W, Köhler P, Diederich M, Ehling C, Holler S, Kahle E, Niemann H, Ivics Z, Kues WA:** Precision genetic engineering in the pig genome and skin transplantation between members of a syngenic clone cohort carrying different vital reporter transposon. 11<sup>th</sup> Transgenic Technology Meeting (TT2013), Guangzhou/Canton, P.R. China, 25-27.02.2013 (selected lecture from submitted abstracts)

**Gonzalez Serrano A:** Effects of by-pass fat supplementation on oocyte quality and in-vitro development capacity in cattle herds. University of Buenos Aires, Animal Biotechnology Laboratory, La Plata, Argentina, 11.12.2013

**Gonzalez Serrano A:** Nutrition, ovum pick-up (OPU) embryo development in bovine. Universidad de Rio Cuarto, Cordoba, Argentina, 10.12.2013

**Hauschild-Quintern J, Petersen B, Herrmann D, Lucas-Hahn A, Petkov SG, Schwinzer R, Niemann H:** Generation of triple transgenic hHO-1/GGTA-1-/-/hCD55 pigs using Zinc-Finger Nucleases and Sleeping Beauty Transposition. 12<sup>th</sup> Meeting of the Int. Xenotransplantation Association, Osaka, Japan, 10.-13.11.2013

**Heinzmann J, Mattern F, Aldag P, Wrenzycki C, Haaf T, Niemann H:** Delayed fertilization of bovine oocytes after IVM affects methylation and impairs embryonic development. 46<sup>th</sup> Annual Conference of Physiology and Pathology of Reproduction, Gdansk, Poland, 27.28.03.2013

**Hochberger J, Kruse E, Köhler P, Wedi E:** Successful mucosal transplantation from stomach to esophagus for stricture prevention after widespread circular endoscopic submucosal dissection (ESD) for early esophageal squamous cell carcinoma - Report of a first case in man with 1 ½ year transplant survival. 17<sup>th</sup> Annual Video Forum at Digestive Disease Week, Orlando, FL, USA, 18.-21.05.2013

**Kues WA:** In-ovo transposition in large mammals for the generation of germline competent founders. Szent István University Gödöllő, Hungary, 23.09.2013

**Kues WA:** Transgenic livestock as biomedical models and active transgenesis. Universidad Nacional de Río Cuarto (UNRC), Río Cuarto, Argentina, 20.10.2012

**Kues WA:** Transposition into livestock genomes: an active transgenesis approach to identifying, tagging and utilizing of safe harbor loci. University of Buenos Aires, Argentina, 08.10.2013

**Kues WA:** Transposon transgenesis in large mammals. Conference on Genome Engineering and Transposition, Budapest, Hungary, 18-21.09.2013 (invited lecture)

**Kues WA:** Transposon-mediated genetic engineering in the pig genome and establishment of a skin transplantation model. IMM2013 – Innovative Mouse Models-Conference, Leiden, The Netherlands, 13-14.06.2013 (invited lecture)

**Niemann H:** Pigs as a model system for biomedical research. 9<sup>th</sup> Int. Conference on Pig Reproduction (ICPR) 2013, Olsztyn, Poland, 09.-12.06.2013 (invited lecture)

**Niemann H:** Epigenetic effects of assisted reproductive technologies (ARTs) in farm animals. 29<sup>th</sup> Scientific meeting of AETE, Istanbul, Turkey, 05.-07.09.2013 (invited lecture).

**Niemann H:** Production and characterization of multi-transgenic pigs for xenotransplantation. Conference Genetic Transformation Technologies, Vienna, Austria, 14.-15.02.2013 (invited lecture).

**Petersen B:** Production of multi-transgenic pigs for xenotransplantation by using Zinc-Finger Nucleases and Sleeping Beauty Transposons. Transregio SFB 127 Meeting, San Servolo, Italy, 30.-31.10.2013

**Petkov S:** Stem cells: perspectives for the pig in relation to other species. 9<sup>th</sup> Int. Conference on Pig Reproduction (ICPR) 2013, Olsztyn, Poland, 09.-12.06.2013 (invited lecture)

**Rath D:** Male Reproduction. DBR Kurs, Leahurst, U.K., 27.06.2013

**Talluri TR, Herrmann D, Barg-Kues B, Debowski K, Behr R, Ivics Z, Hall VJ, Rasmussen MA, Hyttel P, Niemann H, Kues WA:** Transposon-mediated reprogramming of porcine and bovine somatic cells to induced pluripotent stem cells. 46<sup>th</sup> Annual Conference of Physiology and Pathology of Reproduction, Gdansk, Poland, 27.-28.03.2013 (Awarded with the Price of the Society for Reproductive Biology (TBR))

**Taylor U, Junge S, Bergmann A, Brüssow K, Guenther J, Schuberth HJ, Rath D:** Control and restriction of the uterine immune reaction after insemination in pigs by inhibition of pro-inflammatory pathways. 17<sup>th</sup> Annual Conference of the ESDAR, Bologna, Italy, 11.-14.09.2013

**Tiedemann D, Taylor U, Kues, WA, Barcikowski S, Rath D:** Further results comparing influences of gold and silver nanoparticles on oocyte maturation and sperm viability. SPP1313 - Thematischer Workshop im Adolphe-Merkle Institut der Universität Fribourg, Fribourg, Swiss, 13.-14.06.2013

**Tiedemann D, Taylor U, Rehbock C, Klein S, Stuenkel M, Kues W, Barcikowski S, Rath D:** Toxic effects of gold and silver nanoparticles on the maturation process of porcine oocytes. 17<sup>th</sup> Annual Conference of the ESDAR, Bologna, Italy, 11.-14.09.2013