

**Ahrens HE, Petersen B, Herrmann D, Lucas-Hahn A, Hassel P, Ziegler M, Kues WA, Baars W, Schwinzer R, Rataj D, Werwitzke S, Tiede A, Bongoni AK, Garimella PS, Despont A, Rieben R, Niemann H:** Targeting tissue factor and GGTA1 expression in pigs for improved xenograft survival. IPITA, IXA, CTS Joint Congress, 15.-19.11.2015, Melbourne, Australia

**Béchu M, Lauzana E, Klein S, Rashid N, Kahle E, Meyding-Lamadé U, Köhler P, Lamadé W:** Different vulnerability of left and right recurrent laryngeal nerve under tensile stress in a porcine model. 1<sup>st</sup> World Congress of Neural Monitoring in Thyroid and Parathyroid Surgery 2015, 17.-19.09.2015, Krakow, Poland

**Bernhardt J, Steffen H, Köhler P, Schneider-Koriath S, Ludwig K:** Transgastric-NOTES sigmoid resection in an animal survival model using the ANUBIS-System. Digestive Disease Week 2015, 17.-19.05.2015, Washington, U.S.A.

**Fischer K, Kraner-Scheiber S, Rieblinger B, Flisikowska T, Petersen B, Buermann A, Schwinzer R, Niemann H, Kind A, Schnieke A:** Modifying pigs to overcome barriers to xenotransplantation. IPITA, IXA, CTS Joint Congress, 15.-19.11.2015, Melbourne, Australia

**Kordowitzki P, Bernal SM, Herrmann D, Aldag P, Lucas-Hahn A, Niemann H:** Effects of resveratrol supplementation during in vitro maturation and in vitro fertilization on developmental competence of bovine oocytes. 31<sup>st</sup> Meeting of the European Embryo Transfer Association (AETE), 11.-12.09.2015, Ghent, Belgium

**Kordowitzki P, Bernal SM, Herrmann D, Aldag P, Lucas-Hahn A, Niemann H:** Effects of resveratrol supplementation during IVM and IVF on developmental competence of bovine oocytes and obtained blastocysts. 2<sup>nd</sup> Scientific Conference “Endometritis as a cause of infertility in domestic animals”, 27.09.2015, Gdansk, Poland

**Kues WA:** Synopsis of transposons and their application for farm animal transgenesis. SALAAM Training School/Cost Action ”Large animal genome engineering: transposons and genome editing”, 11.-13.05.2015, Gödöllő, Hungary (invited lecture)

**Kues WA:** Whole animal fluorescence imaging of reporter transgenic large animals: pitfalls and improvements. SALAAM Training School/Cost Action ”Large animal genome engineering: transposons and genome editing”, 11.-13.05.2015, Gödöllő, Hungary (invited lecture)

**Niemann H:** Challenges for reproductive biotechnology: Pluripotent stem cells, somatic clones & transgenic animals. AgResearch, 12.11.2015, Ruakura, Hamilton, New Zealand

**Niemann H:** Challenges to reproductive biotechnology in the 21<sup>st</sup> century: Epigenetics, stem cells and transgenics. Research Seminar, University of Adelaide, 20.11.2015, Adelaide, Australia

**Niemann H:** Current strategies for the production of multi-transgenic pigs for xenotransplantation. Kooperationsgespräche “Xenotransplantation”, Veterinärmedizinischen Universität Wien, 01.04.2015, Vienna, Austria

**Niemann H:** Genetic modifications of farm animals using DNA nucleases (Gene Editing). Conference of the Genetic Society “Breeding for Bacon, Beer and Biofuels”, 16.-17.04.2015, Edinburgh, U.K. (invited lecture)

**Niemann H:** Strategies to produce multi-transgenic pigs for xenotransplantation. Montagsseminar Universität Helsinki, Biocenter, Viikki Campus 30.11.2015, Helsinki, Finland (invited lecture)

**Niemann H:** The production of multi-transgenic pigs for xenotransplantation. 10<sup>th</sup> Transgenic Animal Research Conference, 09.-13.08.2015, Lake Tahoe, CA, U.S.A. (invited lecture)

**Niemann H:** The production of multi-transgenic pigs: A step towards clinical application of xenotransplantation. University of Auckland, Medical Faculty, Center of Brain Research, 13.11.2015, Auckland, New Zealand

**Nowak-Imialek M, Lachmann N, Herrmann D, Jacob F, Niemann H:** Identification of GFP expressing cells in Oct4-EGFP transgenic pig testis. 48<sup>th</sup> Annual Conference Physiology and Pathology of Reproduction, 11.-13.02.2015, Zurich, Swiss

**Nowak-Imialek M, Lachmann N, Herrmann D, Jacob F, Niemann H:** Identification of spermatogonial stem cells in Oct4-EGFP transgenic pigs. 2<sup>nd</sup> International Congress on Stem Cell and Cellular Therapies (ICSCCT), 15-18.10.2015, Antalya, Turkey

**Petersen B, Frenzel A, Lucas-Hahn A, Hassel P, Ziegler M, Hadeler KG, Mall EM, Nowak-Imialek M, Ott M, Niemann H:** Efficient production of GGTA1<sup>-/-</sup>/Fah<sup>+/-</sup> knockout pigs by CRISPR/Cas9 and somatic cell nuclear transfer. IPITA, IXA, CTS Joint Congress, 15.-19.11.2015, Melbourne, Australia

**Petersen B, Frenzel A, Niemann H:** Efficient generation of a triple knockout (GGTA1/CMAH/ASGR1) of xenorelevant genes in pig fibroblasts. IPITA, IXA, CTS Joint Congress, 15.-19.11.2015, Melbourne, Australia

**Talluri TR Kumar D, Glage S, Garrels W, Niemann H, Debowski K, Behr R, Kues WA:** Derivation of bovine induced pluripotent stem cells by piggyBac-mediated reprogramming. 41<sup>st</sup> Conference of the International Embryo Transfer Society (IETS), 10.-13.01.2015, Versailles, France (selected short oral communication)

**Tiedemann D, Taylor U, Rehbock C, Jakobi J, Klein S, Kues WA, Barcikowski S, Rath D:** Influence of nanoparticles on mammalian reproduction. 48<sup>th</sup> Annual Conference Physiology and Pathology of Reproduction, 11.-13.02.2015, Zurich, Switzerland