

**Behr B, Rath D, Hildebrandt TB, Blottner S, Goeritz F, Sieg B, Knieriem A, Hermes R:** Sperm sex sorting in Asian elephant. *Reprod Dom Anim* 43 (Suppl 3), 131

**Ehling C, Andrei G, Schindler L, Taylor U:** Optimized protocol for cryoconservation of chicken spermatozoa using a moderate cooling rate. *Reprod Dom Anim* 43 (Suppl 5), 57

**Ehling C, Schindler L, Taylor U, Rath D:** Strategien zur Erhaltung genetischer Ressourcen bei Vögeln - Ergebnisse zur Kryokonservierung von Hahnensperma und dessen Fertilität. Proc 35. Jahrestagung der Arbeitsgemeinschaft Embryotransfer deutschsprachiger Länder (AET-d), 19.-20.06.2008, Dipperz-Friesenhausen

**Fritscher-Ravens A, Eisenberger CF, Ghadimi MP, Nilges A, Meybohm P, Schiffmann S, Milla P, Köhler P, Jacobsen B, Seehusen F, Niemann H, Knoefel WT:** Randomized comparative trial of endoscopic versus thoracoscopic full thickness esophageal wall repair after endoscopic mediastinoscopy in healthy versus compromised animals in a long-term survival study. *Gastrointest Endosc* 67, p. AB104

**Fritscher-Ravens A, Ghanbari A, Kahle E, Niemann H, Köhler P, Patel K, Milla P:** The role of EUS guidance for NOTES procedures: Comparative study of NOTES alone versus EUS guided NOTES for selected indications. *Gastrointest Endosc* 67, pp. AB112-AB113

**Fritscher-Ravens A, Ghanbari A, Patel K, Köhler P, Kahle E, Niemann H, Milla P:** Feasibility and safety of endoscopic full thickness esophageal wall resection and defect closure in a prospective long term survival animal study. *Gastrointest Endosc* 67, p. AB189

**Fritscher-Ravens A, Ghanbari A, v Herbay A, Kahle E, Köhler P, Niemann H, Patel K:** First experience with a new double channel linear array echoendoscope for advanced interventional EUS procedures compared to a single lumen instrument in a long-term animal survival study. *Gastrointest Endosc* 67, p. AB200

**Fritscher-Ravens A, Knoefel WT, Eisenberger CF, Schiffmann S, v Herbay A, Ghadimi MP, Nilges A, Köhler P, Ghanbari A:** Transesophageal access to the mediastinum: Long term animal survival study using NOTES technique. *Gastrointest Endosc* 67, p. AB112

**Fritscher-Ravens A, Milla P, Schiffmann S, v Herbay A, Eisenberger CF, Ghanbari A, Nilges A, Ghadimi MP, Köhler P, Knoefel WT:** Clip closure versus endoscopic suturing versus thoracoscopic repair of an esophageal perforation: Randomized comparative long-term survival study in a porcine model. *Gastrointest Endosc* 67, p. AB106

**Fritscher-Ravens A, Mosse CA, Ghanbari A, Ghadimi MP, Nilges A, Köhler P, Knoefel WT:** Endoscopic colon to colon anastomosis. A comparative study of different methods, their feasibility and safety. *Gastrointest Endosc* 67, p. AB113

**Garrels W, Kues WA, Niemann H:** Experimental modulation of telomerase activity in bovine embryos. Proc. 2<sup>nd</sup> Int. Congr. Stem Cells Tissue Formation 2008, Dresden, 341

**Halle I, Thomann R, Friebel H, Grün M, Henning M, Köhler P, Flachowsky G:** Influence of woad (*Isatis tinctoria*) and ginkgo (*Ginkgo biloba*) on growth of broiler chickens. *Proc. Soc Nutr Physiol* 17, 78

**Hildebrandt TB, Goeritz F, Rath D, Behr B, Schnorrenberg A, Knieriem A, Sieg B, Hermes R:** Deep intra-uterine insemination with sex-sorted semen in elephants. *Reprod Dom Anim* 43 (Suppl 3), 21

**Honnens A, Voss C, Herzog K, Beindorff N, Rath D, Bollwein H:** Uterine blood flow during the first three weeks of pregnancy in Holstein Friesian cows. *Reprod Dom Anim* 43 (Suppl 3), 44

- Honnens A, Voss C, Herzog K, Rath D, Bollwein H:** Uterine blood flow during the estrous cycle and early pregnancy in cattle. *Reprod Dom Anim* 43 (Suppl 1), 15
- Hornen N, Kues WA, Niemann H:** Characterization of the development potential of fetal somatic stem cells isolated from different tissues. *Reprod Fertil Dev* 20, 221
- Iqbal K, Kues WA, Niemann H:** Ectopic expression of telomerase in bovine preimplantation embryos. *Reprod Fertil Dev* 20, 132
- Kues WA, Iqbal K, Niemann H:** Controlled transient transgenesis in bovine embryos. *Proc XX. Int Congr Genetics 2008, Berlin*, 36
- Kues WA, Schwinzer R, Wirth D, Herrmann D, Lemme E, Barg-Kues B, Hauser H, Wonigeit K, Niemann H:** Reactivation of silenced transgenes in transgenic pigs. *Proc XX. Int Congr Genetics 2008, Berlin*, 219
- Kues WA, Sudheer S, Herrmann D, Carnwath JW, Havlicek V, Besenfelder U, Lehrach H, Adjaye J, Niemann H:** A transcriptome analysis of bovine embryos developing in vivo. *Proc XX. Int Congr Genetics 2008, Berlin*, 218
- Lellbach C, Leiding C, Rath D, Staehr B:** Effects of automated collection methods on semen quality and economic efficiency of boar semen production. *Reprod Dom Anim* 43 (Suppl 1), 22
- Niemann H, Carnwath JW, Herrmann D, Lemme E, Lucas-Hahn A, Wieczorek G, Olek S:** DNA methylation barcodes demonstrate reprogramming following bovine somatic cell nuclear transfer. *Proc XX. Int Congr Genetics 2008, Berlin*, 12
- Nowak-Imialek M, Kues W, Rudolph C, Schlegelberger B, Taylor U, Carnwath JW, Niemann H:** Reprogramming of porcine fibroblasts by inter-species cell fusion with mouse embryonic stem cells. *Proc 2<sup>nd</sup> Int Congr Stem Cells Tissue Formation 2008, Dresden*, 227
- Oropeza M, Petersen B, Hornen N, Herrmann D, Niemann H:** Generation of human A20 gene-transgenic porcine fetal fibroblasts for somatic cell nuclear transfer. *Reprod Fertil Dev* 20, 233
- Oropeza M, Petersen B, Lemme E, Lucas-Hahn A, Queisser AL, Barg-Kues B, Herrmann D, Hassel P, Kues W, Niemann H:** Generation of human A20 gene transgenic pigs by somatic cell nuclear transfer. *Transplantation* 86 (Suppl), 552
- Parrilla I, Wrenzycki C, Valencia JJ, Stinshoff H, Vazquez JM, Roca J, Martinez EA, Rath D:** Evaluation of different gradient materials for in vitro production of embryos using frozen-thawed-sorted and re-frozen bull spermatozoa. *Reprod Dom Anim* 43 (Suppl 5), 82
- Petersen B, Lucas-Hahn A, Herrmann D, Kues WA, Ramackers W, Bergmann S, Carnwath JW, Winkler M, Niemann H:** Production of pigs transgenic for human hemeoxygenase-1 by somatic nuclear transfer. *Reprod Fertil Dev* 20, 234-235
- Petersen B, Ramackers W, Lucas-Hahn A, Herrmann D, Kues W, Friedrich L, Bergmann S, Schuettler W, Baars W, Carnwath J, Schwinzer R, Winkler M, Niemann H:** Production and characterization of pigs transgenic for human hemeoxygenase-I by somatic nuclear transfer. *Xenotransplantation* 15, 301
- Petersen B, Ramackers W, Lucas-Hahn A, Herrmann D, Kues WA, Bergmann S, Baars W, Carnwath JW, Schwinzer R, Winkler M, Niemann H:** Production and characterization of pigs transgenic for human hemeoxygenase-1 by somatic nuclear transfer. *Transplantation* 86 (Suppl), 556

**Petrovicova I, Svarcova O, Strejcek F, Lucas-Hahn A, Lemme E, Niemann H, Laurincik J, Maddox-Hyttel P:** Early aspects of nuclear reprogramming following bovine somatic cell nuclear transfer. *Reprod Fertil Dev* 20, 105

**Racedo SE, Branzini MC, Salamone D, Rawe VY, Niemann H:** Cytoplasmic dynein intermediate chain and dynactin p150Glued exhibit distinct spatial and temporal microtubule associations during bovine in vitro maturation and are affected by follicle size. *Reprod Fertil Dev* 20, 204-205

**Ramackers W, Petersen B, Friedrich L, Tiede A, Zimmermann R, Schuettler W, Bergmann S, Broecker V, Niemann H, Schwinzer R, Winkler M:** Functional analyses of CD55/HHO-1 transgenic pigs in an ex vivo perfusion model. *Transplantation* 86 (Suppl), 236

**Revay T, Kopp C, Flyckt A, Rath D, Andersson M:** Diploid spermatozoa in a bull with failure in the second meiotic division. *Reprod Dom Anim* 43 (Suppl 5), 63

**Taylor U, Rath D:** Selektionsvorgänge von Spermien im Uterus. Proc. 14. Bernburger Schweineworkshop, 16.-17.05.2008, Bernburg

**Taylor U, Zerbe H, Seyfert HM, Rath D, Schuberth H:** Spermatozoa inhibit breeding-induced cytokine induction in porcine endometrial cells in vivo. *Reprod Dom Anim* 43 (Suppl 3) 123

**Taylor U, Zerbe H, Seyfert HM, Schuberth HJ, Rath D:** Interaktionen porziner Spermatozoen im Uterus. Proc 35. Jahrestagung Arbeitsgemeinschaft Embryotransfer deutschsprachiger Länder (AET-d), 19.-20.06.2008, Dipperz/Friesenhausen

**Valencia J, Brozos C, Pancarci SM, Köß C, Rath D, Bollwein H:** Testicular blood flow response to GnRH in Holstein bulls. *Reprod Dom Anim* 43 (Suppl 5), 69