

Bitter J, Herzog K, Rath D, Niemann H, Bollwein H: B-Mode und Farbdopplersonographie: Diagnose von Puerperalstörungen beim Rind? Reprod Dom Anim 41 (Suppl. 1), 6

Culow JR, Evans G, Maxwell WMC, Rodgers JA, Cawdell-Smith AJ, Sieme H, Rath D, Morris LHA: Birth of foals from artificial insemination with sex-sorted and non-sorted frozen stallion spermatozoa. Reprod Dom Anim 41, 337

Cmarko D, Smigova J, Minichova L, Strejcek F, Laurincik J, Bednar J, Niemann H, Raska I: Fine distribution of Polycomb and Trithorax group gene regulation proteins. Mol Biol Cell 17 (Suppl.), L75 (Late Abstracts, The American Society for Cell Biology 46th Annual Meeting)

Grossfeld R, Klinc P, Maxwell WMC, Rath D: Improvement of sperm quality of frozen/thawed boar spermatozoa employing a new semen extender (Sexcess-B®). Reprod Dom Anim 41 (Suppl 1), 14

Grossfeld R, Sieg B, Struckmann C, Rath D, Maxwell WMC: Improvement o sperm quality of flow cytometrically sorted and frozen boar spermatozoa employing a new semen extender (Sexcess-B®) Reprod Dom Anim 41, 298

Herzog K, Voss C, Niemann H, Rath D, Bollwein H: Luteale Durchblutung bei graviden und nichtgraviden Kühen. Reprod Dom Anim 41 (Suppl. 1), 16

Höffmann K, Hadeler KG, Herrmann D, Niemann H, Wrenzycki C: Messenger RNA-Expressionsmuster der DNA- und Histonmethyltransferasen während der präimplantatorischen Entwicklung in vivo und in vitro produzierter Rinderembryonen. Reprod Dom Anim 41 (Suppl. 1), 16

Höffmann K, Niemann H, Hadeler KG, Herrmann D, Wrenzycki C: Messenger RNA expression patterns of DNA and histone methyltranferases in preimplantation development of in vivo- and in vitro-produced bovine embryos. Reprod Fertil Dev 18, 231-232

Honnens Ä, Herzog K, Hadeler KG, Niemann H, Bollwein H: Dopplersonographie des genitalen Blutflusses: Eine Methode zur Beurteilung der Eignung von Spenderkühen beim Embryotransfer. Reprod Dom Anim 41 (Suppl. 1), 16

Honnens Ä, Herzog K, Hadeler KG, Niemann H, Bollwein H: Doppler sonography of genital blood flow in donor cows of an embryo transfer program. Reprod Dom Anim 41, 335

Hornen N, Kues WA, Lucas-Hahn A, Petersen B, Hassel P, Niemann H: Einfluss der Donorzelloffenheit auf die Kloneffizienz beim Schwein. Reprod Dom Anim 41 (Suppl. 1), 16

Iqbal K, Kues WA, Carnwath JW, Niemann H: Knockdown von GFP in Mäuseembryonen durch Injektion von siRNAs. Reprod Dom Anim 41 (Suppl. 1), 58

Jungmann A, Preuß T, Petersen B, Niemann H, Kessler B, Klose R, Wolf E, Tönjes RR: Detection of polytropic replication-competent PERV-A/-B and of ecotropic PERV-C in multitransgenic pigs. Xenotransplantation 13, 584

Kluge B, Karlas, A, Fiebig U, Hofmann A, Kessler B, Kues WA, Pfeifer A, Wolf E, Niemann H, Kurth R, Denner J: Expression of PERV in multitransgenic pigs and inhibition of virus transmission by RNA interference and neutralising antibodies. Xenotransplantation 13, 584

Knop K, Rath D, Sieme H: Use of cushioned centrifugation technique prior to Cryopreservation in stallions with good and poor semen freezability. Reprod Dom Anim 41 (Suppl 1), 19

Kues WA, Hofmann DR, Carnwath JW, de Souza FP, Madeira HMF, Niemann H:
Sequence submission to Genebank: DQ112003. Bos Taurus prion protein (PRNP) gene, exon 3 and partial cds. Published 01.08.2006

Kues WA, Niemann H: Aging and senescence of cloned farm animals. Reprod Dom Anim 41, 300

Kues WA, Schwinzer R, Wirth D, Verhoeven E, Lemme E, Herrmann D, Barg-Kues B, Hauser HJ, Wonigeit K, Niemann H: Reactivation of silenced tetracycline-controlled hRCA constructs in transgenic pigs. Xenotransplantation 13, 581

Lepikhov K, Wrenzycki C, Yang F, Zakhartchenko V, Niemann H, Wolf E, Walter J:
Zeitlicher Verlauf der Histon3-Methylierung an den Positionen K4 und K9 in präimplantatorischen Mäuse-, Kaninchen- und Rinderembryonen. Reprod Dom Anim 41 (Suppl. 1), 22

Lepikhov K, Yang F, Wrenzycki C, Zakhartchenko V, Niemann H, Wolf E, Walter J:
Dynamics of histone H3 methylation at positions K4 and K9 in mouse, rabbit, and bovine pre-implantation embryos. Reprod Fertil Dev 18, 174

Lopes AS, Wrenzycki C, Ramsing NB, Herrmann D, Niemann H, Greve T, Callesen H:
Relationship between respiration rates and mRNA expression of G6PD and Glut-1 genes in individual blastocysts produced in vitro. Hum Reprod 21 (Suppl.), I49

Lucas-Hahn A, Lemme E, Hadeler KG, Sander HG, Niemann H: Efficiency of ovum pickup and embryo production in vitro in cloned cattle. Reprod Fertil Dev 18, 137

Niemann H: Advances in somatic cloning of multi-transgenic pigs for xenotransplantation research. Xenotransplantation 13, 581

Niemann H: Current status and application perspectives of somatic cloning. Reprod Dom Anim 41, 300

Niemann H: Engineering change – Genetic modification of farm animals. Workshop Report “The Future of Livestock Genomics”, 17.-18.07.2006, Brussels, Belgium, p. 25

Niemann H: Platform for studying fusion reprogramming with porcine cells. Tagungsband: Kick-off Meeting BMBF-Förderschwerpunkt “Zellbasierte, regenerative Medizin”, 07.-08.04.2006, Berlin, p 43

Nowak-Imialek M, Wrenzycki C, Herrmann D, Lagutina I, Lucas-Hahn A, Lemme E, Lazzari G, Galli C, Hadeler KG, Niemann H: Untersuchungen zur mRNA-Expression histonmodifizierender Gene in bovinen präimplantatorischen Embryonen unterschiedlicher Herkunft. Reprod Dom Anim 41 (Suppl. 1), 24-25

Nowak-Imialek M, Wrenzycki C, Herrmann D, Lagutina I, Lucas-Hahn A, Lemme E, Lazzari G, Galli C, Hadeler KG, Niemann H: Messenger RNA expression patterns of histone modification genes in bovine embryos derived from different origins. Reprod Fertil Dev 18, 236

Petersen B, Kues WA, Lucas-Hahn A, Queisser AL, Lemme E, Hoelker M, Carnwath JW, Niemann H: Generation of pigs transgenic for hCD59/DAF and human thrombomodulin by somatic nuclear transfer. Reprod Fertil Dev 18, 142

Ponebsek S, Wrenzycki C, Hadeler KG, Herrmann D, Korsawe K, Niemann H: In vitro maturation of prepuberal bovine oocytes on a granulosa cell monolayer from adult animals improves their developmental competence. Reprod Fertil Dev 18, 277

Romar R, Rath D: Cortical reaction in porcine IVM-oocytes after IVF with semen from different boars. Reprod Dom Anim 41, 338

Schuhmann NK, Burdorf L, Petersen B, Kues WA, Niemann H, Seifert M, Reichart B, Schmoekel M, Hallek M, Büning H: AAV – a promising vector with secrets.
Xenotransplantation 13, 582

Schulze S, Rath D: Comparative time lapse studies on in vivo and in vitro produced porcine embryos fertilized with sex sorted and unsorted spermatozoa. Reprod Dom Anim 41 (Suppl. 1), 19

Svarcova O, Maddox-Hytte P, Strejcek F, Petrovicova I, Niemann H, Rasmussen Z, Thomsen P, Laurincik J: RNA polymerase I-Transkription ist notwendig für die Nukleolusbildung in in vitro produzierten Rinderembryonen. Reprod Dom Anim 41 (Suppl. 1), 35

Taylor U, Frenzel A, Rath D, Zerbe H, Michelmann HW, Schuberth HJ: Short term ex vivo insemination of sows: A model to study early effects on sperm survival and mitochondria membrane potential. Reprod Dom Anim 41 (Suppl 1), 36

Taylor U, Rath D, Zerbe H, Schuberth HJ: Neutrophilic granulocytes and uterine epithelial cells bind preferentially to motile and viable porcine spermatozoa. Reprod Dom Anim 41, 299

Upton K, Vassiliev I, Kues W, McConnell H, Verma PJ: Isolation of stem-like cells from adult somatic bovine tissue. Cytometry Part A 69A, 412

Vennemeyer C, Klinc P, Rath D: Artificial insemination of beef heifers with sex sorted spermatozoa employing a new semen extender (Sexcess® AX). Reprod Dom Anim 41 (Suppl 1), 38

Wendt H, Zerbe H, Michelmann HW, Schuberth HJ, Rath D: Immunological response in the bovine uterus after artificial insemination. Reprod Dom Anim 41 (Suppl 1), 40