

**Clulow 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. 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia

**Grossfeld R, Sieg B, Struckmann C, Rath D, Maxwell WMC:** Improvement of sperm quality of flow cytometrically sorted and frozen boar spermatozoa employing a new semen extender (Sexcess-B®). 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia

**Höffmann K, Niemann H, Hadeler KG, Herrmann D, Wrenyzcki C:** Messenger RNA expression patterns of DNA and histone methyltransferases in preimplantation development of in vivo- and in vitro-produced bovine embryos. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**Kues WA, Niemann H:** Aging and senescence of cloned farm animals. 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia

**Lepikhov K, Yang F, Wrenyzcki C, Zakhartchenko V, Niemann H, Wolf E, Walter J:** Dynamics of histone H3 methylation at positions K4 and K9 in mouse, rabbit, and bovine preimplantation embryos. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**Lucas-Hahn A, Lemme E, Hadeler KG, Sander HG, Niemann H:** Efficiency of ovum pickup and embryo production in vitro in cloned cattle. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**Niemann H:** Advances in the generation of multi-transgenic pigs by somatic nuclear transfer cloning. 8<sup>th</sup> Marianna Lordos Seminar, 12.02.2006, Larnaca, Cyprus (invited speaker)

**Niemann H:** Advances in xenotransplantation by somatic cloning of multi-transgenic pigs. Seminar, Monash Institute of Medical Research, 23.02.2006, Melbourne, Australia

**Niemann H:** Current status and application perspectives of somatic cloning. 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia (invited speaker)

**Niemann H:** Engineering change – genetic modification of farm animals. US-EU Workshop on “The Future of livestock genomics”. 17.-18.07.2006, Brussels, Belgium (invited speaker)

**Niemann H:** Remarks: The scientific and ethical implications of somatic cloning. Participatory Conference Cloning in public – Ethical, legal and social aspects of farm animal cloning. 05.-06.10.2006, Brussels, Belgium

**Niemann H:** Somatic cloning of pigs transgenic for immune modulating genes in xenotransplantation. 2nd European Veterinary Immunology Workshop, 04.-06.09.2006, Paris, France (invited speaker)

**Niemann H:** Somatic cloning: A novel tool in basic biological research and for the production of transgenic animals. Dept. of Biological Sciences, University of Cyprus, 10.02.2006, Nicosia, Cyprus

**Niemann H:** Somatic cloning: A novel tool in transgenic livestock production and basic biological research. Seminar, University of Adelaide, Roseworthy Campus, 28.02.2006, Adelaide, Australia

**Niemann H:** Towards regenerative medicine: the contribution from domestic animals. Seminarvortrag, 05.09.2006, INRA, Jouy-en-Josas, France

**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. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**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. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**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. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**Rath D, Sieg B:** Embryotransfer beim Schwein. SUIS AG Schweiz, 12.12.2006, Bern, Schweiz

**Rath D:** Requirements for EU acknowledged AI Centres. Universität Ljubljana, Vortrag für Besamungstierärzte, 27.01.2006, Ljubljana, Slovenia

**Romar R, Rath D:** Cortical reaction in porcine IVM-oocytes after IVF with semen from different boars. 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia

**Schulze S, Rath D:** Comparative time-lapse studies on porcine embryos fertilized in vitro with flow cytometrically sex sorted and unsorted spermatozoa. 32<sup>nd</sup> Annual Conf. Int. Emb. Transf. Soc. (IETS), 07.-11.01.2006, Orlando, Florida, USA

**Taylor U, Rath D, Zerbe H, Schuberth HJ:** Neutrophilic granulocytes and uterine epithelial cells bind preferentially to motile and viable porcine spermatozoa. 10<sup>th</sup> Conf. of the European Society for Domestic Animal Reproduction (ESDAR). 07.-09.09.2006, Portoroz-Lipica, Slovenia

**Wrenzycki C:** Consequences of in vitro production and somatic nuclear transfer on gene expression patterns in preimplantation bovine embryos. Workshops "Embryonic and Fetal nutrition", Havemeyer Foundation, 28.05.-01.06.2006, Ravello, Italy