

Preconference DABE Symposium

January 7, 2012

Renaissance Glendale Hotel & Spa

The Use of Domestic Animals as Biomedical Models

- 08:00–08:15 Opening and welcome: Fulvio Gandolfi (University of Milan, Italy), Matt Wheeler (University of Illinois, Urbana, USA), Pascale Chavatte-Palmer (INRA, PremUp, France)
- 08:15–08:45 **Animal models for the study of human ovarian function** (Gregg Adams, University of Saskatoon, Canada)
- 08:45–09:15 **The pig as a biomedical model—How the National Swine Resource and Research Center can help you** (Eric Walters, University of Missouri, Columbia, USA)
- 09:15–09:45 **Progress towards the derivation of porcine induced pluripotent stem cells** (Stoyan Petkov, Institute of Farm Animal Genetics, Germany)
- 09:45–10:15 Coffee break
- 10:15–10:45 **Generation and characterization of induced pluripotent stem cells (iPSCs) from adult canine fibroblasts** (Jorge Piedrahita, North Carolina State University, Raleigh, USA)
- 10:45–11:15 **Introducing pluripotency in ruminants** (Paul Verma, South Australian Research and Development Institute, Australia)
- 11:15–11:45 **Generation of rabbit pluripotent stem cell lines** (Andras Dinnyes, BioTalentum Ltd., Hungary)
- 11:45–13:15 Lunch break
- 13:15–13:45 **The use of ruminants for biomedical research in perinatology** (Pascale Chavatte-Palmer, INRA, France)
- 13:45–14:15 **The horse as a large animal model for extra-fetal derived cell therapy of chronic respiratory diseases** (Anna Lange Consiglio, University of Milan, Italy)
- 14:15–14:45 **The importance of large animal models for translational research in bone tissue engineering** (Matt Wheeler, University Of Illinois, Urbana, USA)
- 14:45–15:15 Coffee break
- 15:15–15:45 **Impact of large mammals models in immunology** (Isabelle Schwartz, INRA, France)
- 15:45–16:15 **Neurodegenerative diseases** (Anthony Chan, Emory University, Atlanta, GA, USA)
- 16:15–16:45 **Reprogramming of porcine epiblast-derived neural progenitor cells to pluripotency** (Mikkel A. Rasmussen, University of Copenhagen, Denmark)
- 16:45–17:00 Conclusion and closure

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