

## Pre-Conference Announcement

### Recent Advances of Reproductive Biotechnology

Hannover, 21<sup>st</sup> of February 2018

organized by: Institute of Farm Animal Genetics, Friedrich-Loeffler-Institut

### Program

|             |                      |   |
|-------------|----------------------|---|
| 12:00       |                      | Refreshment   |
| 12:30       |                      | Introduction  |
| 12:45-13:20 | <b>U. Siebert:</b>   | Anthropogenic effects on the health status and reproduction status of marine mammals                                      |
| 13:20-13:55 | <b>G. Opsomer:</b>   | Epidemiological evidence of metabolic programming of dairy cattle   |
| 13:55-14:30 | <b>J. Laurincik:</b> | The role of the nucleolus on oocyte performance   |
| 14:30-15:00 |                      | Coffee break  |
| 15:00-15:35 | <b>T. Cantz:</b>     | Significance of pluripotent stem cell-based disease models in regenerative medicine                                       |
| 15:35-16:10 | <b>J.M. Bruder:</b>  | Developmental potential of organoids in regenerative medicine   |
| 16:10-16:45 | <b>M. Nowak:</b>     | Derivation and characterization of pluripotent stem cells in pigs   |
| 16:45-17:20 | <b>B. Gadella:</b>   | Oviduct-on-a-chip: Creating an in vitro oviduct to study gamete interaction and early embryo development                  |
| 17:20-17:55 | <b>B. Petersen:</b>  | Gene editing: a new tool for sex selection in farm animals  |
|             | Admission:           | free, but limited to 100 participants (First come, first serve).  |
|             | Language:            | english   |
|             | Location:            | Lecture Hall, Institute for Animal Breeding and Genetics,<br>Veterinary University Hannover, Bünteweg 17p, 30559 Hannover |

Please send a registration email including your name, email address and postal address not later than 1st of February 2018 to: [rath@tzv.fal.de](mailto:rath@tzv.fal.de)

Pre-Conference to the 51<sup>st</sup> Annual Conference on Physiology and Pathology of Reproduction  
concurrently the 43<sup>rd</sup> Mutual Reproduction Meeting of Veterinary and Human Medicine