



COST Action TD1101

**Collaborative European Network on Rabbit Genome Biology**

<http://www.biocomp.unibo.it/rabbit/>

**RGB-Net working group 3 meeting**

**Rabbit ES and iPS cells as basic biology model and rabbit models of  
diseases**

**Agricultural Biotechnology Center**

[www.abc.hu](http://www.abc.hu)

**Gödöllő, 26-27<sup>th</sup> March, 2013**



**This meeting is organised under the auspices of the Agricultural Biotechnological Committee,  
Hungarian Academy of Sciences**

# Agenda of the meeting

**March 26th, Tuesday**

**9:30 ~ 10:00 Opening of the meeting, registration, wellcome of participants**

## **Session 1. Rabbit pluripotent stem cells**

*Chair person: Veronique Duranthon*

10: 00 ~ 10:30 Peter Chrenek

*PhD, Professor, Faculty of Biotechnology and Food Science, Slovak University of Agriculture, Nitra, Slovakia*

**Quality of rabbit transgenic embryos - potential source for rESC**

10:30 ~ 11.00 Marielle Afanassieff

*Senior research scientist, Stem Cell and Brain Research Institute, INSERM, Bron, France*

**Pluripotent stem cells in rabbits**

11:00 ~ 11:30 Elen Gócza

*PhD, Group leader, Agricultural Biotechnology Center, Gödöllő, Hungary*

**On the role of 2i media in rabbit ES cell line establishment**

*Early stage researcher presentation*

11:30 ~ 11:50 Pouneh Maraghechi

*PhD student, Agricultural Biotechnology Center, Gödöllő, Hungary*

**miRNAs in early rabbit development**

**Lunch break**

## **Session 2. Rabbit models**

*Chair person: Pierre Savatier*

14:00 ~ 14:30 Veronique Duranthon

*Senior research scientists, INRA, UMR1198, Biologie du Développement et Reproduction, Jouy-en-Josas, France*

**Rabbit as a model of early embryo development**

14:30 ~ 15:00 Darko Bosnakovski

*Assistant Professor, University "Goce Delcev" Stip, Faculty of Medical Sciences, Macedonia*

**ES and IPS cells as a model for Facioscapulohumeral muscular dystrophy**

15:00 ~ 15:30 Pascale Chavatte-Palmer

*Scientific coworker, INRA, UMR1198, Biologie du Développement et Reproduction, Jouy-en-Josas, France*

**Rabbit as a model of feto-maternal interactions and fetal programming**

*Early stage researcher presentation*

15:30 ~15:50 Zsuzsanna Táncos

*PhD student, Biotalentum Ltd., Gödöllő, Hungary*

**Rabbit cell genetic reprogramming and its potential in creating models**

**March 27th, Wednesday**

**Session 3. Rabbit models and emerging technologies**

*Chair person: Zsuzsanna Bősze*

9:00 ~9:30 Jan Wikgren

*Senior research scientist, Department of Psychology, University of Jyväskylä, Jyväskylä, Finland*

**Rabbit eyeblink conditioning as a research model of learning and memory**

9:30 ~10:00 Zsuzsanna Bősze

*Principal investigator, Agricultural Biotechnology Center, Gödöllő, Hungary*

**Rabbit models of long QT syndrome**

10:00 ~10:30 László Hiripi

*PhD, Group leader, Agricultural Biotechnology Center, Gödöllő, Hungary*

**The potential of ZFN and TALEN nucleases in rabbit transgenesis**

*Early stage researcher presentation*

10:30 ~10:50 Orsolya Ivett Hoffmann

*PhD student, Agricultural Biotechnology Center, Gödöllő, Hungary*

**First transgenic rabbits with the Sleeping Beauty transposon**

**10:50 ~11:20 General discussion, Closing remarks**

**Coffee and soft drinks**

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\*IGRFA: Institute for Farm Animal Genetics and Reproduction  
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