

**RGB-Net meeting - 28-30 March 2012**  
**Faculty of Agriculture of the University of Bologna**  
**Bologna (Italy)**



**Workshop program: plenary sessions (Aula Magna)**

**28th of March 2012**

**9.30: Welcome:** Luca Fontanesi & Hervé Garreau

**WG1**

Chairperson: Claire Rogel-Gaillard

9.45-10.15: Federica di Palma (Broad Institute, USA) “Current status of the rabbit genome map, assembly and annotation”

10.15-10.30: Rose Mage (NIH, USA) “Immunoglobulin genes in the OryCun2.0 Assembly”

10.30-10.45: Pier Luigi Martelli (University of Bologna, Italy) “Exploring copy number variation in the rabbit genome”

**10.45-11.15: Coffee break**

11.15-11.30: Claire Rogel-Gaillard (INRA, France) “The rabbit Major Histocompatibility Complex”

11.30-11.45: Veronique Duranthon (INRA, France) “Current status of transcriptomic tools in the rabbit”

11.45-12.00 Rita Casadio (University of Bologna, Italy) “Systems biology in the rabbit?”

12.00-12.15: Nizar Drou (TGAC, UK) “Genome assembling pipelines at TGAC”

12.15-12.30: Andrew Yates (EMBL-EBI, UK/Germany) “The Ensembl Platform”

12.30-12.40: Discussion

**12.40-13.30 Lunch**

## **WG2**

Chairperson: Miriam Piles

13.30-14.00: Hervè Garreau (INRA, France) “Research on rabbit at the INRA centre of Toulouse”

14.00-14.15: Juan Pablo Sánchez (IRTA, Spain) “Research activities on genetic improvement of prolific species at IRTA, Spain”

14.15-14.30: Manuel Baselga (Universidad Politécnica de Valencia, Spain) “Rabbit breeding research activities at UPV”

14.30-14.45: Luca Fontanesi (University of Bologna, Italy) “Research activities on rabbit breeding and genetics in Italy”

14.45-15.00: Nagy István (Kaposvár University, Hungary) “Pannon White rabbit programme highlights and aims for the future”

15.00-15.15: Ino Curik (University of Zagreb, Croatia) “The contribution of dominance and inbreeding depression in estimating variance components for litter size in Pannon White rabbits”

15.15-15.30: Gregor Gorjanc (University of Ljubljana, Slovenia) “Use of AlphaDrop in the simulation approach to genomic selection and mate allocation”

15.30-15.45: Ina Sternstein (Humboldt-Universität zu Berlin, Germany) “QTL mapping in rabbits”

15.45-16.00: Paul Boettcher (FAO, Italy) “The Global Plan of Action for Animal Genetic Resources and the Domestic Animal Diversity Information System”

16.00-16.10: Discussion

### **16.10-16.30: Coffee break**

## **WG3**

Chairperson: Christoph Viebahn

16.30-16.45: Jean-Jacques David (Hypharm, France) “Overview of Hypharm activities, needs in research, animal and equipment resources, projects for the future”

16.45-17.15: Christoph Viebahn (Georg-August-University Göttingen, Germany) “The rabbit embryo as a model organism for mammalian germ line and germ layer development”

17.15-17.30: Luca Fontanesi (University of Bologna, Italy) “A natural model of non-anglionic congenital megacolon: the rabbit *English spotting* locus”

17.30-17.45: Zsuzsanna Bősze (Agricultural Biotechnology Center, Hungary) “IgG binding FcRn transgenic rabbits created through BAC transgenesis”

17.45-18.00: Alexandre Fouassier (Transgenic Rabbit Models, France) “Transgenic Rabbits as animal models for biomedical research”

18.00-18.15: Cesare Castellini (University of Perugia, Italy) “On the possible utilization of rabbit bucks and rabbit semen as repro/toxicological models”

18.15-18:30: Discussion

## **29th of March 2012**

### **WG3**

Chairperson: Zsuzsanna Bősze

9.00-9.15: Domenico Spina (Kings College London, UK) “Bronchial hyperresponsiveness: a rather irritable subject”

9.15-9.30: Peter Chrenek (Slovak University of Agriculture, Slovakia) “Rabbit biotechnological research in Nitra, Slovak Republic”

9.30-9.45: Eve Devinoy (INRA, France) “An obesogenic diet started before puberty leads to abnormal mammary gland development during pregnancy in the rabbit”

9.45-10.00: Maria Schindler (University of Halle, Germany) “CREB-mediated embryo-maternal crosstalk in rabbit blastocysts”

10.00-10.15: László Hiripi (Agricultural Biotechnology Center, Hungary) “Alternative transgenic methods in rabbit”

10.15-10.30: Darko Bosnakovski (University "Goce Delcev" Stip, Macedonia) “Isolation and characterization of muscle satellite cells from various species”

10.30-10.45: Cristiano Boiti (University of Perugia, Italy) “Hormonal regulation of rabbit”

**10.45-11.15 - Coffee break**

## **WG4**

Chairperson: Carl-Gustaf Thulin

11.15-11.30: Mihajla Djan (University of Novi Sad, Serbia) “Genetic markers for inferring population genetic processes”

11.30-11.45: Cristiano Vernesi (IASMA, Italy) “Application of genetic tools in lagomorph conservation”

11.45-12.00: Zisis Mamuris (University of Thessaly, Greece) “Lagomorph crossroads in Europe inferred with genetic data”

12.00-12.15: Vlatka Cubric-Curik (University of Zagreb, Croatia) “Investigations on wild rabbit mtDNA”

12.15-12.30: Carl-Gustaf Thulin (Swedish University of Agricultural Sciences, Sweden) “Hybridisation, interspecific geneflow and evolutionary processes among hares”

12.30-12.45: André Almeida (Instituto de Investigação Científica Tropical, Portugal) “The domesticated and wild Iberian rabbit - a proteomics approach on the adaptation to nutritional stress: a model for other domesticated species?”

12.45-13.00: Nuno Ferrand (University of Porto, Portugal) “The genetic architecture of incipient speciation in mammals: insights from the rabbit model”

13.00-13.15: Pedro Esteves (University of Porto, Portugal) “Host-pathogen interaction: rhdv and the European rabbit”

13.15-13.30: Discussion

**13.30-14.15: Lunch**

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### **Working Groups meetings**

**14.15-18.15: Parallel WG meetings**

**WG1 meeting – room: Aula Giunta DIPROVAL (2nd floor North block, red arrows)**

**WG2 meeting – room: Aula del Consiglio DIPROVAL (2nd floor North block, yellow arrows)**

**WG3 meeting – room: Aula Multimediale (5th floor East block, purple arrows)**

**WG4 meeting – room: Sala Polivalente DISA (1st floor North block, blue arrows)**

**30th of March 2012**

**9.00-13.00: Management Committee meeting (for MC members only)**

**Aula del Consiglio DIPROVAL (2nd floor North block, green arrows)**