

One short-term stay links two Institutions and two poultry long term selection experiments  
Giulietta Minozzi (INRA - Unit of Animal Genetics and Diversity)

**EADGENE** **SABRE**  
CUTTING EDGE GENOMICS FOR SUSTAINABLE ANIMAL BREEDING

Conference on Genomics for Animal Health  
Utrecht, NL 4th-8th June 2007



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and two poultry long term selection  
experiments.

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Food Quality and Safety

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**OUTLINE OF THE TALK**

- Personal Research topic.
- Links between two partner institutes  
(INRA and Wageningen University)
- Common interests  
(poultry immunogenetics)
- Positive aspects and added value of collaboration.




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**R.I.V.A.G.E.**  
(Regulation & Variability of Animal Genome Expression)

**Objectives :**  
Merge genetics and physiology

**Focus on:**  
Disease resistance and genome regulation in livestock and other  
animal model species

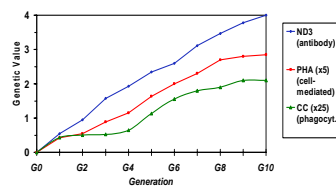

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**SELECTION FOR DISEASE RESISTANCE**

**TOPICS**

1. Crossbreeding plans
2. Relationship between  
innate and acquired  
immunity
3. New selection criteria

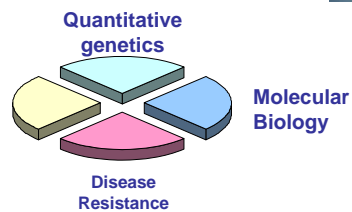




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**EADGENE and SABRE**

Short Term Stay : Wageningen University  
Adaptation Physiology Group





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**THE TWO INSTITUTIONS**

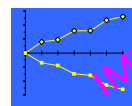
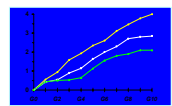
**WAGENINGEN UNIVERSITY  
(THE NETHERLANDS)**



**INRA  
(FRANCE)**



**IMMUNOGENETICS**

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SABRE and EADGENE Genomics for Animal Health Conference, 5-6 June 2007, Utrecht, NL

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### FUTURE RESEARCH PLANS

We started testing for innate immune responses...

We will continue collaborating on molecular typing of the selected lines on MHC region.



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### BENEFITS OF COLLABORATIVE RESEARCH

- Better understanding of the topic
- Exchange of knowledge
- New collaborative work
- Common publications

Personally:

- Training
- Scientific inputs
- Interest innate immunity



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### THANK YOU

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