

EADGENE European Animal Disease Genomics Network of Excellence for Animal Health and Food Safety

Animal Disease Genomics: Opportunities and Applications
10th - 11th June 2008, Edinburgh, UK



**Technology Transfer:
The EADGENE perspective**

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Content of the presentation

- **Technology Transfer within EADGENE**
- **Setting up links**
- **Collaborative projects**


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Technology Transfer within EADGENE

Bridge the gap with an EADGENE focus

- Club of Interest
- Industry days
- Workshops
- TT interviews
- TT subprojects



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Setting up links

Linking industry and research organisations

- Visit industries and research organisations all over Europe
- Help in setting up links, projects (funding)
- Find interesting links



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Collaborative industry-research projects

Set up cooperation within project, building network and trust

- Ontology
- Poultry project
- Data comparison project
- Phenotypic database

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Poultry project

Research to applicable results

- Project group set up
- Work together on project proposals
 - a) Epistasis effects for resistance to disease traits
 - b) SNP markers → resistance to Salmonella
- Regular feedback to industry partners
- Together working to applicable research

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Data comparison project

Integrating recording systems for the benefit of Animal Health

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Data comparison project

Integrating recording systems for the benefit of Animal Health

- Recording system
- Pilot: current status of recording systems
- Enabling a world wide recording system

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Phenotypic database

Create an overview of the existing genomic samples from phenotyped animals

species	swine
purpose	(All)
breed	(All)
genomic resources	DNA
disease/abnormalities	(All)
diseases specific	(All)
sample/marker	blood samples
production performance	(All)
pedigree	(All)
population structure	(All)
nr of data/animals	(All)
other	(All)
industry	

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Thank you for your attention!

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