**Biennal Seminar 2015**

**February 9th & 10th 2015 – Paris**

## Day One (9 Feb 2015)

**9h30 -10h00: Opening**

Welcome Coffee in the posters room (30’)

**10h00 – 10h40: Presentation of CRB-Anim Objectives and Governance** *(30’+10’)*

Michèle Tixier-Boichard (INRA) - Project Coordinator

### Session 1: Challenges for the preservation of animal genetic resources

**10h40 - 11h20: Grand challenges for farm animal genetic resources and FAO expectations for an infrastructure such as CRB-Anim** Paul Boettcher (Food and Agriculture Organization)   *(30’+10’)*

**11h20 – 12h00: Specific challenges for the preservation of genetic resources of aquaculture species** Terrence R. Tiersch (Aquaculture Research Station)  (30’+10’)

**12h00 – 12h30: Presentation of WP3: current state of collections for livestock species** *(20’+10’)*

Coralie Danchin-Burge (Idele) – WP3 Leader

12h30 - 14h: Lunch – Cocktail

### Session 2: Management of gene banks

**14h00 – 14h40: How to improve cost-effectiveness and usefulness of gene banks for research and for the society?** Harvey Blackburn (US Cryobank)  *(30’+10’)*

**14h40 – 15h10**: **Nagoya protocol and ABS procedures in Europe** (*20’+10’)*

Sarah Aubertie (FRB)

**15h10 – 15h30: Presentation of WP4: current issues and plans for the quality management** *(10’+10’)*

Maelle d’Arbaumont (INRA) – Quality manager

15h30 – 16h00: Break in the posters room

### Session 3: Genomics for domestic animals

**16h00 – 16h40: Genomics of domestic animals: specific challenges regarding biomedical models**

Tosso Leeb (Vetsuisse)  *(30’+10’)*

**16h40 – 17h00: Presentation of WP3: Interest of collections in CRB-Anim for biomedical models** Catherine André (CNRS) – WP3 Leader *(10’+10’)*

**17h00 – 17h20: Presentation of WP2.1: results and current issues**

Marco Moroldo (INRA) - WP2.1 Leader *(10’+10’)*

### Session 4: Breeding and population genetics

**17h20 – 18h00: Grand challenges for the management of genetic variability of domestic animals**

Henner Simianer (Univ Goettingen)  *(30’+10’)*

**18h00 – 18h20: State of molecular characterization of CRB-Anim collections (WP5)** *(10’+10’)*

Michèle Tixier Boichard (INRA) - Project Coordinator & WP5 leader

**18h20 – 18h40: Current projects and perspectives for WP7** *(10’+10’)*

Coralie Danchin-Burge (Idele) – WP7 Leader

**19h30: Dinner**

**Day Two (10 Feb 2015)**

**8h30 -9h00: Opening**

Welcome Coffee in the posters room (30’)

### Session 5: Biotechnologies for cryobanking

**9h00 - 9h40: The opportunities for genome editing in domestic species**

Helen Sang (Roslin institute)  *(30’+10’)*

**9h40 – 10h30: Presentation of WP2.2: Introduction & Focus on examples of results** *(35’+15’)*

Elisabeth Blesbois (INRA)

**9h45 – 9h55: Cryopreservation of Pacific Oyster larvae: a limited but promising survival!**

Marc Suquet (IFREMER)

**9h55 – 10h05: Stem cells of gametogenesis in the Rainbow Trout**

Florence Le Gac (INRA)

**10h05 – 10h15: New proteomic tools for Reproductive Phenotyping, the male fowl fertility example**

Aurore Thélie, Laura Soler Vasco (INRA)

**10h30 - 11h00: An ethical and philosophical viewpoint on CRB-Anim** *(20’+10’)*

Thomas Heams

### Session 6: Strategies for collecting samples and data for CRB-Anim

**11h00 – 11h30: Presentation of recommendations from CRB-Anim group species** *(20’+10’)*

Bertrand Pain (INSERM) – Scientific Committee Chairperson

**11h30 – 12h00: Presentation of WP4: results and current issues for the information** **system***(15’+15’)*

Aurélie Delavaud (FRB), Sylvain Marthey (INRA) – WP4 Leaders

12h00 – 13h30: Lunch – Cocktail

### Session 7: Training and education

**13h30 - 14h10: Training issues when a range of different species is involved in an infrastructure Experience from the Czech Republic**

Otomar Linhart (Univ of South Bohemia)  *(30’+10’)*

**14h10 – 14h30: Presentation of WP6: training strategy** *(10’+10’)*

Anne Duittoz (Univ Tours) – WP6 Leader

### Session 8: Perspectives

**14h30 - 15h10: Opportunities to extend the concept of CRB-Anim to other European genebanks**

Sipke-Joost Hiemstra (Centre for Genetic Resources, the Netherland)  *(30’+10’)*

**15h10 – 16h10: Round-table discussion with members of international committee**

**(chair: Bertrand Pain)** *(60’)*

Priorities for the end of the construction phase

Priorities regarding characterization (current projects and perspectives for WP5)

Priorities regarding use of collections

**16h10 - 16h30 Concluding remarks:** *(10’+10’)*

Gilles Aumont and Daniel Boujard for INRA and CNRS

[**www.crb-anim.fr**](http://www.crb-anim.fr)

[**WIMI**](https://crb-anim.wimi.pro/synthese)

MGEN

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