

EuroFAANG RI final conference – how can research infrastructures strengthen animal science in europe and beyond?

18th to 20th November 2025 | European Bioinformatics Institute (EMBL-EBI)
Hinxton, England, UK

[Register here](#)

18th November 2025 | Afternoon Session

Time	Session	Presentation	Speaker
12:00	Arrival	Lunch (outside Dendron Room)	
13:00	Session 1 – EuroFAANG RI	Welcome & housekeeping	<i>Chair Emily Clark</i>
13:10		Overview of the EuroFAANG RI project (WP1)	<i>Klaus Wimmers (FBN)</i>
13:30		Outcomes from the EuroFAANG Think-Tank on Genome Editing (WP5)	<i>Geena Cartick (EFFAB)</i>
13:50		In vitro models hub outcomes & perspectives for G2P research (WP4)	<i>Elisabetta Giuffra (INRAE)</i>
14:10		Interactions with industry incl. ELIXIR Aquaculture Industry Day (WP6)	<i>Joseph Robertson (NMBU)</i>
14:30	Break		
14:50	Session 2 – Linking with other initiatives	Overview perspective from linking with other RIs (WP7)	<i>Michèle Tixier-Boichard</i>
15:10		Experimental design: PigWeb & SmartCow INFRAIA	<i>René Baumont / Étienne Labussière (INRAE)</i>
15:30		Data challenges for biobanking	<i>Arnaud Laroquette (EMBRC-Europe)</i>
15:50		Biodiversity Dashboard: increasing data accessibility & usability	<i>Juan Pablo Gomez (EBI)</i>
16:10		Introduction to ELIXIR (ESFRI Landmark)	<i>Andy Smith (ELIXIR)</i>
16:30	Keynote Scaling genomics for population-level precision health		<i>Natalie Twine (CSIRO)</i>
17:00	Close		
18:30	Dinner Buffet dinner (Hinxton Hall)		

19th November 2025 | Morning Session

Time	Session	Presentation	Speaker
09:00	Session 1 – Opportunities in animal phenotyping & genome editing (Chair: Elisabetta Giuffra)	Keynote: Practical phenotyping/tools & data management; sector perspective	Lars Peter Sørensen (VikingGenetics)
09:30		INRAE research capabilities & facilities	Étienne Labussière (INRAE)
09:50		Challenges & opportunities for phenotyping data	Catherine Larzul (INRAE)
10:10		Surrogate sires: genome editing for biobanking	Mike McGrew (U. Edinburgh)
10:30		Phenotyping options in aquaculture at the Institute of Marine Research, Norway	Anna Wargelius
10:50	Break		
11:10	Session 2 – Archives & new resources (Chair: Marta Godia)	The BioImage Archive & possibilities for archival of image-based phenotyping data	Matthew Hartley (EBI)
11:30		Updates to the FAANG Data Portal for EuroFAANG RI(WP3)	Koosum Roochum (EBI)
11:50		Regulatory annotation (Gene-Switch & AQUA-FAANG)	Garth Isley (EBI)
12:10		nf-core/Nextflow Animal Science SIG	Cédric Notredame (CRG)
	Lunch		

19th November 2025 | Afternoon Session

Time	Session	Presentation	Speaker
	Lunch		
13:30	Session 3 – Comparative genomics & pangenomes (Chair: Sigbjørn Lien)	Keynote: The ruminant T2T genome project	<i>Ted Kalbfleisch (University of Kentucky)</i>
14:00		Generating pangenomes with long-read data for commercial pigs	<i>Martijn Derks (WUR)</i>
14:20		Machine learning for complex trait prediction in cattle	<i>Alexandre Asset (INRAE)</i>
14:40		Comparative genomics & genome evolution in salmonids	<i>Dan Macqueen (U. Edinburgh)</i>
15:00	Break		
15:30	Session 4 – Opportunities in the animal health space (Chair: David MacHugh)	High-throughput CRISPR screens for livestock pathogens	<i>Finn Grey (U. Edinburgh)</i>
15:40		Machine learning to understand bovine tuberculosis	<i>John O’Grady (UCD)</i>
16:00		VetBioNet infrastructure: plans & future directions (virtual)	<i>Sascha Trapp (INRAE)</i>
16:20		Discussion: Where does animal health fit in a consolidated RI vision?	<i>Chair: David MacHugh (UCD)</i>
17:00	Close Finish		
18:30	Dinner Red Lion		

20th November 2025 | Morning Session

Time	Session	Presentation	Speaker
09:00	Session 5 – GenoPHENix & next steps (Chair: Michèle Tixier-Boichard)	GenoPHENix overview	<i>René Baumont (INRAE)</i>
09:20		Implementation & preparation of EuroFAANG/GenoPHENix(WP8)	<i>Tina Hartwig (FBN)</i>
09:40		EU-LI-PHE COST Action: building critical mass across Europe	<i>Francesca Bertolini (University of Bologna)</i>
10:00		Roundtable: progress & opportunities to expand reach	<i>Chair: Michèle Tixier-Boichard (INRAE)</i>
10:40	<i>Break</i>		
11:00	Session 6 – Perspectives from the European Commission (Chair: Cagla Kaya)	Talk	<i>Mihaela Constantin (EC) – virtual</i>
11:20		Talk	<i>Ángela Lahuerta-Marín (EC) – virtual</i>
11:40		Q&A to both speakers	
11:50	Closing	Wrapping up & any final discussion (15 mins)	<i>Emily Clark</i>
12:00	Lunch		
13:00–15:30	EuroFAANG RI only Discussion session on next steps & final reporting		