



European Animal Health & Welfare Research

COLLABORATIVE WORKING GROUP

ERAnet co-fund on Animal Health: Platform for an international joint funding initiative

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Washington DC: STAR-IDAZ IRC Research Workshop



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Background

- Animal health is a key and a fundamental pre-requisite to ensure and enable global food safety and security, public health, international trade, and contribute to high standards of animal welfare.
- The World Organisation of Animal Health (OIE) estimates that morbidity and mortality due to animal diseases cause the loss of at least 20% of livestock production globally. This represents at least 60 million tonnes of meat and 150 million tonnes of milk with an estimated value of approximately \$300 billion per year.
- In addition, disease threats to the livestock industry have increased steadily over the past decades as a result of e.g. globalisation, evolving pathogens, extreme weather and climate change



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International Coordination of Research on Infectious Animal Diseases (ICRAD) ERAnet.

Purpose:

To support multi-disciplinary research to improve animal health and welfare, addressing some of the key endemic and (re)-emerging threats e.g. African Swine Fever and Animal Influenza, and developing novel detection and intervention strategies (including vaccines).

How:

Establish and operate a joint funding mechanism for animal health research on an international basis.

Reduced duplication of effort, better alignment of science, access to a wider knowledge base, collective action against global threats and challenges.



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Previous ERAnets in Animal Health

EMIDA (Animal Health Research):

- 25 funding organisations
- €45m invested
- 26 projects funded (collaborative international networks)

ANIHWA (Animal Health and Welfare Research)

- €30m invested
- 33 projects funded

bTB, BTV, FMD, Campylobacter, Mastitis, TSEs, etc...



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ICRAD ERAnet (progress)

- Proposal being finalised
- Currently 26 funding organisations committed to support (Europe)
- Additional expressions of interest and commitments from other international funding bodies (Americas, Asia, Africa)
- EU will also contribute funds toward the joint call
- Approximately €20m for the first research call



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STAR-IDAZ
International Research
Consortium on Animal Health



STAR-IDAZ Global Network

25 Partner
organizations

16 member
countries

50 associated
countries

\$2.5B
Research
investment





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Themes of ICRAD research call

1. Improved understanding of endemic and emerging infectious animal diseases
 - ASF, Animal Influenzas and other priority diseases
 - Host/pathogen interactions, Epidemiology, Host immunology
2. Generic technology platforms for producing novel and/or improved vaccines
 - Including in relation to reduced use of anti-microbials
3. Rapid, accurate and easy to use in-field diagnostics technology



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Alignment of European research investment with other international initiatives

- Are you planning research calls that align with any of the 3 themes?
- Opportunity to align investments (currently €20m committed)
- Potential for better co-ordination of research efforts
- Shorten the innovation pathway
- Lead to delivery of research output that has an impact
 - Disease control
 - AMR
 - Food security



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Thank you for your attention

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