

## Pre-Announcement of a Call for Transnational Collaborative Research Projects: “One Health Approach to Zoonoses Research and Innovation”

The International Coordination of Research on Infectious Animal Diseases (ICRAD) is an ERANet under Horizon 2020 (Grant Agreement NR.862605).

The key mission of ICRAD is to:

- support cross-cutting research to improve animal health and welfare, with associated benefits towards public health, the environment and the economy.
- connect research partners with different but complementary scientific and technological expertise to maximize resources and share risks, costs and skills. The partnership between industrial and academic researchers, where appropriate, will improve and accelerate the development of technological solutions for the benefit of animal health and welfare.

Research and innovation jointly funded by the ICRAD partners seeks collaborative approaches towards the development of novel and improved instruments to address, detect and control zoonotic diseases, particularly regarding novel detection, intervention and prevention strategies.

The previous co-fund call within the ICRAD ERA-NET successfully funded 19 collaborative projects looking at infectious animal diseases. This first additional call looks to further knowledge in the area of One Health with an emphasis at the animal-human interface.

In light of this, ICRAD announces the upcoming call for joint transnational research projects on animal health. The Joint Call is expected to bring together twenty-two funding organisations from eighteen countries to take a One Health approach to Zoonoses Research and Innovation.

### Aim and scope of the call

The overall goal of this ICRAD call is to support cross-cutting research and innovation to better understand zoonoses focusing on the animal-human-environment interface and by developing novel vaccine and diagnostics technology platforms to improve animal health and by consequence animal welfare.

The objective of this funding call is to increase preparedness and improve the ability to respond to (re)-emerging zoonotic disease threats and contribute to improved animal and public health. This will be done through studies focusing on (re)-emergence of pathogens with zoonotic potential, understanding animal host-pathogen interactions and the immune response, and by developing detection and prevention platforms.

The pre-proposals should address one of the following research areas:

- **Research area 1:** Improved understanding of animal-human-environment interface
  - Pathogen (Re)-Emergence and Host Adaptation
  - Host/Pathogen Interactions
- **Research area 2:** Detection and Prevention
  - Vaccine Technology Platforms
  - Diagnostic Technology Platforms

The research funded through this call is to improve health of livestock, therefore, research that mainly focuses on the below are not in scope of the call and are excluded

- improving human health
- AMR
- companion animals
- climate/ecology/environment
- food-borne pathogens
- animal welfare

## Eligibility

In this call, ICRAD expects proposals for collaborative research, development and innovation from transnational consortia composed of members from at least three different countries with a maximum of eight (including associated countries), with no more than two partners from one country. National and regional eligibility rules must be followed. They will be published together with the full call announcement on **1<sup>st</sup> of October 2021** at: <https://www.submission-icrad.eu/>


## Application procedures & Evaluation

In a two-stage submission process, the short pre-proposals will be peer-reviewed after passing an eligibility check. Consortia successfully passing the pre-proposal phase will be invited to submit a full proposal. The full proposals will be evaluated by a panel of independent experts, using the evaluation criteria published with the Call. Projects are expected to start from April 2023 at the latest, depending on grant negotiations with the relevant regional or national funding organisations.

<b>Timetable</b>		
	<b>Phase</b>	<b>Date</b>
<b>Pre-proposals</b>	Opening date	1st October 2021
	Deadline for pre-proposal submission	15th December 2021
<b>Full proposals</b>	Invitation to submit a full proposal	15th April 2022
	Deadline for full proposal submission	30th June 2022
<b>Funding decisions and project start</b>	Communication of the funding decisions	1st November 2022
	Envisaged Project start	April 2023

**ERA NET:  
International Coordination of Research on Infectious Animal Diseases  
(ICRAD)**

Participating Funding Organisations:

Country	Funding Organisation	Funding Contact Person
Argentina 	National Agricultural Technology Institute (INTA)	Alejandro Valeiro +33 642 498 137 valeiro.alejandro@inta.gob.ar
Belgium 	Federal Public Service Health, Food Chain Safety and Environment (FPS)	Valerie Van Merris +32 2 524 90 94 valerie.vanmerris@health.fgov.be  Ria Nouwen +32 524 90 92 Ria.Nouwen@health.fgov.be
Belgium 	The Fund for Scientific Research – FNRS (F.R.S. - FNRS)	Florence Quist // Joël Groeneveld +32 2 504 9351 // +32 2 504 9270 international@frs-fnrs.be
Belgium 	The Research Foundation – Flanders (FWO)	Toon Monbaliu +32 2 550 15 70 eranet@fwo.be
Denmark 	Ministry of Food, Agriculture and Fisheries, Danish AgriFish Agency (DAFA)	Bjarne Thomsen +458 149 2521 BJTH@lbst.dk <b>(Decision Pending)</b>
Estonia 	Ministry of Rural Affairs (MEM)	Gret-Kristel Mällo +372 625 6553 gret-kristel.mallo@agri.ee  Maarja Malm +372 625 6250 maarja.malm@agri.ee
France 	Agence Nationale de la Recherche (ANR)	Florence Guillot +33 (0)1 78 09 80 01 ICRADCalls@agencerecherche.fr
Greece 	Hellenic Agricultural Organization (DIMITRA)	Loukia Ekateriniadou +302 310 365 392 ekateriniadou@vri.gr <b>(Decision Pending)</b>
Ireland 	Department of Agriculture, Food and the Marine (DAFM)	John Harrison John.Harrison@agriculture.gov.ie <b>(Decision Pending)</b>
Italy 	Ministry of Health (MoH)	Marina Bagni +39 06 59946129 m.bagni@sanita.it
Latvia 	State Education Development Agency (VIAA)	Uldis Berķis +371 677 854 06 Uldis.berkis@viaa.gov.lv  Maija Bundule +371 677 854 23 Maija.bundule@viaa.gov.lv

**ERA NET:  
International Coordination of Research on Infectious Animal Diseases  
(ICRAD)**

Country	Funding Organisation	Funding Contact Person
Lithuania 	Ministry of Agriculture of the Republic of Lithuania (ZUM)	Diana Šalkauskienė +370 5 239 1025 Diana.Salkauskiene@zum.lt <b>(Decision Pending)</b>
Norway 	Research Council of Norway (RCN)	Thorbjørn Gilberg +47 22037433 thgi@rcn.no <b>(Decision Pending)</b>
The Netherlands 	Ministry of Agriculture, Nature and Food Quality (MINLNV)	Françoise Divanach +31 703786083 f.t.m.divanach@minlnv.nl <b>(Decision Pending)</b>
Poland 	Narodowe Centrum Badan i Rozwoju (NCBR)	Krzysztof Jabłoński +48 22 25 66 702 krzysztof.jablonski@ncbr.gov.pl  Krystyna Maciejko +48 22 39 07 489 krystyna.maciejko@ncbr.gov.pl
Russia 	Ministry of Science and Higher Education (MSHE)	Albina Kutuzova: kutuzovaaa@minobrnauki.gov.ru  Treshkin Sergey treshkinse@minobrnauki.gov.ru
Spain 	Agencia Estatal de Investigación (AEI)	Juan Climent // Manuel Sanchez +34 916037242 // +34 916038447 icrad@aei.gob.es
Sweden 	The Swedish Research Council for Environment (Formas)	Alexandra Jeremiasson +46 8 775 41 34 Alexandra.jeremiasson@formas.se
Turkey 	Ministry of Agriculture and Forestry (TAGEM)	Erkan Taçbaşı +90 312 315 76 22 204 erkan.tacbas@tarimorman.gov.tr
Turkey 	The Scientific and Technological Research Council of Turkey (TUBITAK)	Hatice Mahur Turan +903 122 981 271 mahur.turan@tubitak.gov.tr
United Kingdom 	UKRI Biotechnology and Biological Sciences Research Council	Nikki Mackie nikki.mackie@bbsrc.ukri.org
United Kingdom 	Department for Environment, Food and Rural Affairs (Defra)	Simon Smith +4420 8026 8482 simon.smith@defra.gov.uk