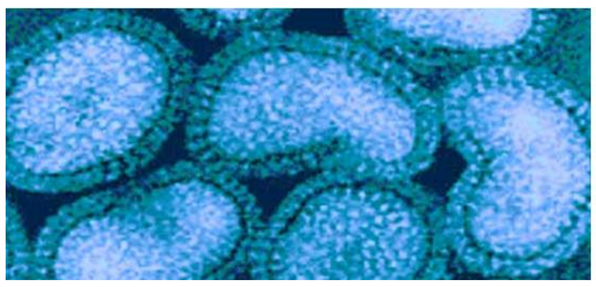
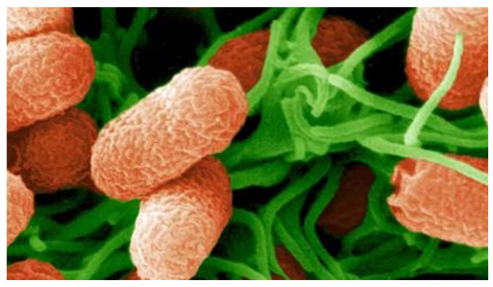
EMIDA ERA-NET





Announcement

2nd Transnational Call for Research Proposals

Coordination of European Research on Emerging and Major Infectious Diseases of Livestock (EMIDA)

7th of March 2011

The 2nd joint call for transnational research projects of the EMIDA ERA-Net initiative will open on March 7th, 2011 with a total budget in the region of €20 million. There will be 8 activity lines with several specific topics each. Activity lines address broader research areas while the associated topics particularly focus on more specific research needs. Funders may ask for proposals on the level of activity lines and/or specific topics. Project consortia are invited to apply accordingly. Each subject will be funded by different combinations of countries (funders), according to a distributed pot scheme.

Activity lines

A: Ecology and animal health – diseases transmitted by arthropods

Insect and tick borne diseases constitutes a complex and diverse risk to animals and humans in a changing European setting. Collaborative proposals are invited that aim to optimize prevention and control through cost efficient surveillance, diagnostics, vaccines, and disease models including estimation of important epidemiological and entomological parameters.

B: Ecology and animal health – wildlife reservoirs

As wildlife may be a reservoir for several infectious pathogens for production animals and/or humans, there is a need to increase knowledge on the relevance and the risk of wildlife-borne diseases (including zoonoses) in Europe.

C: Zoonoses

Underpinning knowledge and tools for early warning, prevention and control strategies against (re-) emerging zoonotic infectious diseases.

D: Antimicrobials and anthelmintics: resistance and alternatives for use

The use and misuse of antimicrobials in livestock has the side effect of causing emergence and spread of resistance in pathogens, with severe costs in terms of animal and human health. Need of increased knowledge is perceived in the fields of early warning systems, of risk factors assessment and of development of alternative use medications. Herd management tools are also to be developed.

E: Production diseases – disease susceptibility

Many animal conditions although not related to highly contagious and epidemic diseases, affect seriously livestock and related farm production. There's a need to investigate evident or clinically latent syndromes with respect to host, its genetic and immunological profile and pathogens patterns. Environmental and economic factors are also to be considered.

F: Production diseases – epidemiology, diagnostics and vaccination

Research is required to improve our understanding of production disease epidemiology, both between and within herds, and to generate the necessary underpinning knowledge relating to the development of improved control tools, including diagnostic tests and vaccines, and their implementation.

G: Diseases in aquaculture

Underpinning knowledge and technological advances are required to aid the development of appropriate approaches to the early warning, prevention, spreading, control and eradication of infectious diseases in aquaculture.

H: Epizootic diseases

Development of effective control tools including diagnostic tests as well as knowledge about disease dynamics and pathogenesis of epizootic diseases.

Timeline

- **Call Opening** March 7th, 2011
- **Pre-Proposal Submission** May 3rd, 2011
- **Full Proposal Submission** September 7th, 2011
- **Funding Decision** December 2011
- **Project Start** March 2012

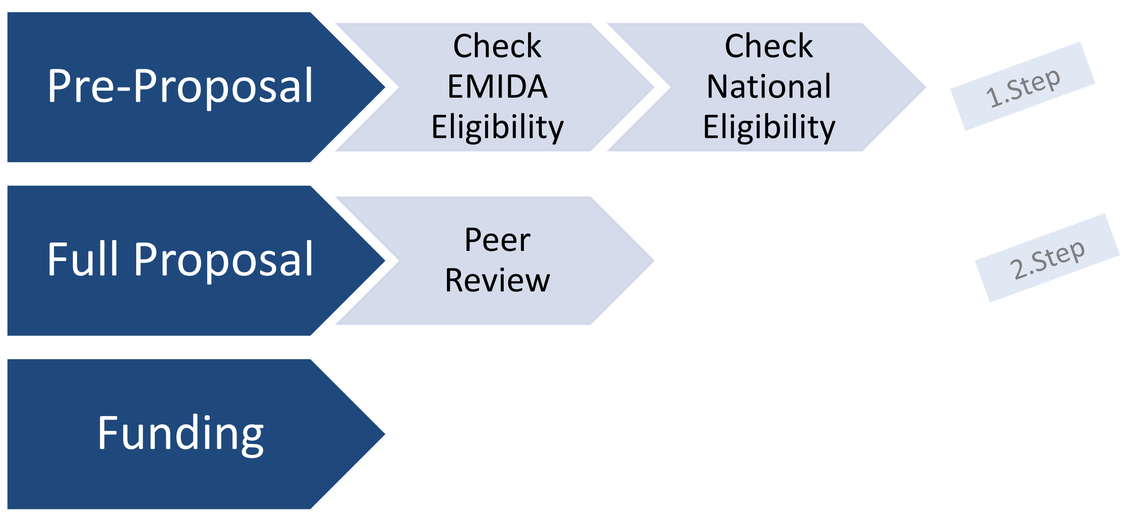
EMIDA ERA-Net Call Office

- **Sabine Dues: Phone: +49 (0)24 61 61 92 86, e-mail: s.dues@fz-juelich.de**
- **Petra E. Schulte: Phone: +49 (0)24 61 61 90 31, e-mail: petra.schulte@fz-juelich.de**

UK Contact

- Sadhana Sharma: Phone: +44 (0) 1793413099

E-mail: sadhana.sharma@bbsrc.ac.ul

- **Find relevant documents and information at www.submission-emida-era.net**

Application Procedure