# UK Veterinary Vaccinology Research Network

**Call status: Closed**
**Application deadline: 5 December 2013**

We anticipate funding a community Veterinary Vaccinology Research Network for a period of five years. This network is an important component of our Veterinary Vaccinology Programme. The attributes of the Network are:

- **Vision**

  To foster a multi-disciplinary community to enhance the development and uptake of novel tools and technologies as well as address the "unmet" needs in protective immunity in the field of veterinary vacccinology
- **Mission**

  To establish and sustain research partnerships that generates scientific knowledge and discovers the tools/technologies to develop next generation vaccines

## Aims

The network will:

- facilitate sharing of existing knowledge by coordinating current research activities and the sharing of reagents and resources
- provide a focus for discussion on novel technologies/technology development and an immunology toolbox for the target veterinary species
- bring together experts to analyse gaps in capability and identify research priorities
- provide advice and annual update to BBSRC on the landscape and research gaps in the area
- facilitate new research collaborations and initiate collaborative bids for funding
- promote collaboration with the human vaccinology research community
- establish links with Industry
- provide a UK link to STAR-IDAZ/International groups
- develop a website and/or other social networking site as a focus for communication
- share knowledge of previous failures to maximise resources by eliminating unnecessary repetition and reducing animal usage.

## Scientific focus

The proposed focus of the network will be:

- Protective immunity for vaccines
- Development and application of novel tools and technologies
- Immunogen design

### Expected expertise included in the network

The veterinary vaccinology network would comprise of members from the relevant academic, business, regulatory and policy communities covering a range of disciplines such as immunology, microbiology, chemistry, 'Omics, engineers (biochemical, bioprocessing), drug delivery, structural and synthetic biology.

## Membership

All members will be required to sign a confidentiality agreement.

## Management

The network will be managed by a Coordination Group comprising of following members:

- Bryan Charleston - The Pirbright Institute
- Gary Entrican - Moredun Research Institute
- Glyn Hewinson - Animal Health Veterinary Laboratory Agency
- Adrian Hill - The Jenner Institute
- Peter Jeffries - GALVmed
- Duncan Maskell - University of Cambridge
- Ivan Morrison - The Roslin Institute, University of Edinburgh
- Randolph Richards - University of Stirling
- Fiona Tomley - Royal Veterinary College

## Expected outputs

- Networking through a range of activities (both virtual and real) directed at various levels (Senior Researchers, Post Doctorate and Post Graduate) including symposia and workshops
- Landscape analysis of veterinary vaccinology in the UK
- Identification of research gaps and future priorities
- High impact multi-disciplinary proposals
- Closer collaboration with Industry reflected in research applications
- Effective links with international groups (e.g. through STAR-IDAZ)

## Expected outcomes

- Development of a strategic research agenda
- Uptake of new tools/technologies in the field of veterinary vaccinology
- Progress in the field of understanding protective immunity and developing determinants and biomarkers
- Advancement of generic vaccinology approaches
- Identification of potential novel vaccine candidates and vaccine approaches
- Stimulation of a step change in vaccine development
- Improved access to specialized tools and facilities
- Increased integration of the human-veterinary vaccinology field (one Health approach)
- Improved communication between non-profit sector and industry

## How to join the network

Please complete an attached form and return to sadhana.sharma@bbsrc.ac.uk by **5 December 2013** and we will confirm your membership by 15 December 2013.

## Related links

- Animal health

## Downloads

You may need to download additional plug-ins to open

- Application form (DOCX 59KB)

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## Contact

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