Animal health and welfare opportunities and activities

Summary

Our animal health remit is broad covering all managed animal species including companion animals. It underpins two of our strategic priority areas:

- Food security
- Basic bioscience underpinning health

Aims

The aim is to support research aimed at combating diseases that reduce the health and welfare of all managed animals species in the UK, including:

- **infectious** - endemic, exotic, food-borne zoonoses
- **non-transmissible diseases** - physiological or metabolic diseases such as cancer in animals, metabolic disorders, immune disorders and reproductive disorders

Our remit also includes research on farmed animals that does not specifically relate to disease, such as:

- genetics and genomics of farmed animals
- basic immunology of farmed animals
- research into reproduction of farmed animals

Working with other funders and multidisciplinary research underpinning the "**One Biology, One Health**" concept is encouraged for infectious diseases of zoonotic origin.

Our activities in this area relate to animal health, welfare, disease and production.

Animal health research spend per year bar-chart

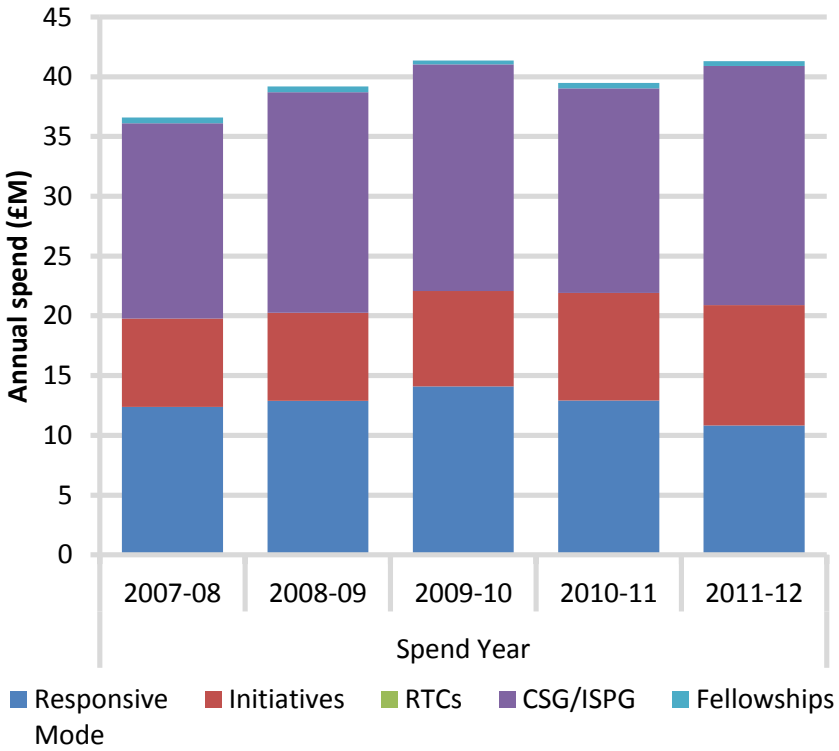

Table version showing the same figures below:

Animal health research spend per year table

Spend year	HEI (£M)	Institutes (£M)	Total (£M)
2007-08	14	22.6	36.6
2008-09	14.9	24.3	39.2
2009-10	15.9	25.5	41.4
2010-11	15.1	24.4	39.5
2011-12	14.8	26.5	41.3

Animal welfare research spend per year bar-chart

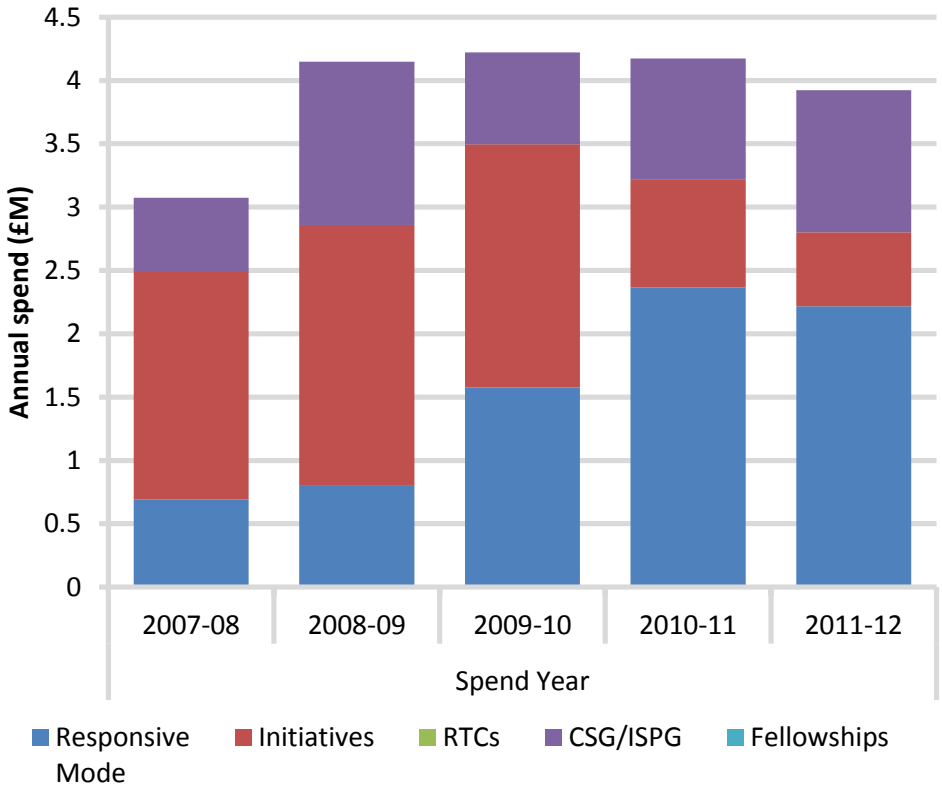

Table version showing the same figures below:

Animal welfare research spend per year table

Spend year	HEI (£M)	Institutes (£M)	Total (£M)
2007-08	2.3	0.7	3.1
2008-09	2.8	1.3	4.1
2009-10	3.4	0.8	4.2
2010-11	2.8	1.3	4.2
2011-12	2.3	1.6	3.9

Current funding opportunities

1. Farmed animal disease and health (FADH)
2. Zoonoses and Emerging Livestock Systems (ZELS)
3. Ecology and evolution of infectious diseases
4. ANIHWA Era-Net
5. Animal Health Research Club (ARC)

Programs and initiatives which are closed for applications but still have active grants are available in the related links section below. Further details are available from our Portfolio Analyser at www.bbsrc.ac.uk/pa/grants/SearchResults.aspx?ReportId=146.

Activities

We have a range of activities to inform our policy and help our community; including workshops, research networks and training courses. Current activities in animal research areas are described here.

1. **Workshops** - Bovine TB scoping Workshop. We are holding a workshop in spring 2013 to consider the BBSRC role in this area.
2. **Workshop reports** - The FADH workshop report from February 2012 which formed the basis for the current FADH call is available from: www.bbsrc.ac.uk/web/FILES/Workshops/fadh-workshop-report.pdf.
3. **Meetings/courses** - Media training for Animal Welfare researchers on 12 February 2013 in central London, please contact us if you would be interested in attending.
4. **Networks** - We are part of the FP7 EU program STAR-IDAZ. We manage WP4 'Networking of ongoing research activities on major animal health issues', we are currently developing

research networks in various areas, including influenza and vaccinology. Please contact us if you would like to be involved

5. **On an institutional level** - We are part of the European Animal Health and Welfare collaborative working group for the prioritization and procurement of research in animal health.
6. **Previous calls** - Visit our Portfolio Analyser at: www.bbsrc.ac.uk/pa/grants/SearchResults.aspx?ReportId=146 to see all our previous calls in this area (see also related links below).
7. **Policy on Animal Use -** We support the responsible use of animals in research. Please see **Responsibility in the use of animals in bioscience research** in related links below.

BBSRC related links

- Responsibility in the use of animals in bioscience research
- Welfare of managed animals (including livestock and companion animals)
- Publications: Animal welfare programme
- Institutes
- 2011: Animal welfare: measures and assessment
- 2011: Ecology and evolution of infectious diseases
- 2011: Ecology and evolution of infectious diseases
- 2011: EMIDA ERA-Net
- 2010: Research and development on Campylobacter
- 2009: Insect pollinators initiative
- 2008: Combating infectious diseases of livestock for international development (CIDLID)

Non-BBSRC links (BBSRC is not responsible for the content of external websites)

- STAR_IDAZ - global network for animal disease
- EMIDA Era-Net
- ANIHWA (Animal Health and Welfare Era-Net)
- Defra: Grants and funding
- The National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs)
- Wellcome Trust: Biomedical science funding schemes
- NERC: Environmental & Social Ecology of Human Infectious Diseases (ESEI)

Contact

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