### **BBSRC International Workshops**

#### BBSRC's support for facilitating international collaboration

BBSRC seeks to enhance BBSRC's influence and involvement at the forefront of international science, through taking advantage of international funding opportunities and capitalising on international links, both at policy and scientific levels.

BBSRC appreciates that the best research and ideas often come about from collaboration with other individuals not only located in the UK but from around the world. Therefore, to facilitate the connection of experts and those learning from the experts, BBSRC has developed the International Workshops scheme. The Scheme has been running successfully since 2005 and since 2010, BBSRC has funded 62 International Workshops with a financial contribution of more than £500,000.

The International Workshops Scheme allows BBSRC funded researchers to host a workshop relevant to the furthering of their grant in areas of research that are of direct relevance to BBSRC's current scientific strategy.

Funding from International Workshops can be used to support workshops held in the UK or overseas, that have an international perspective – either in its location and/or participants. The expectation is that the International Workshop will be used as a platform look for new, long term partnerships that may be eligible for other International funding, such as the BBSRC International Partnering Awards.

International Workshop Awards that have been awarded by BBSRC are listed below.

#### **Contacts**

Any queries regarding the International Workshops scheme should be addressed to:

Sania Afzal Assistant Portfolio Manager International International Relations Unit, BBSRC - UKRI

Email: Sania.Afzal@bbsrc.ukri.org

#### PREVIOUS AWARDS 2005 - 2022

### 2022 Call

#### Microbes and Food Safety Bioinformatics Hackathon

£10,000

UK applicant:	Dr Andrew Page, Quadram Institute Bioscience
Workshop location:	UK
Participating countries:	US/Canada/EU/South Africa/European

### Novel approaches to the development of veterinary vaccines to control bacterial infections

£10,000

UK applicant:	Professor Jayne Hope, University of Edinburgh
Workshop location:	South Africa
Participating countries:	South Africa

#### A Thailand-UK workshop exploring algal-based the rapeutics for aquaculture and farmed animals $\pm 10{,}000$

UK applicant:	Professor Saul Purton, University College London
Workshop location:	Thailand
Participating countries:	Thailand

### Global Partnering Award in Ageing Research - BI & MPI Age

£10,000

UK applicant:	Dr Simon Cook, Babraham Institute
Workshop location:	UK
Participating countries:	Germany

### International Conference on Cognitive Computational Neuroscience, 2023

£10 000

•	~10,000		
	UK applicant:	Professor Laurence Hunt, University of Oxford	
	Workshop location:	UK	
	Participating countries:	US	

#### 2021 Call

#### **Microbial Bioinformatics Hackathon**

£10 000

2.0,000	
UK applicant:	Dr Andrew Page, Quadram Institute Bioscience
Workshop location:	UK
Participating countries:	USA, Europe and Africa

#### MAb Adsorption and Solution Stability Workshop 2022

£10,000

UK applicant:	Professor Jian Lu, The University of Manchester
Workshop location:	UK
Participating countries:	Europe, China and USA

### A joint workshop between the UK's National Biofilm Innovation Centre and the West African Centre for Cell Biology of Infectious Pathogens

£10.000

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UK applicant:	Professor Miguel Camara, University of Nottingham
Workshop location:	Ghana
Participating countries:	Ghana

#### 2020 Call

### Mycobacterial chaperonins as potential targets for new therapeutic approaches to tuberculosis $\mathfrak{L}9.800$

20,000	
UK applicant:	Dr Peter Lund, University of Birmingham
Workshop location:	UK
Participating countries:	UK, USA, and India

# Building a globally leading partnership between the UK National Biofilms Innovation Centre and Argentina

£10,000

UK applicant:	Professor Miguel Camara, University of Nottingham
Workshop location:	Argentina
Participating countries:	UK, Argentina

#### 2019 Call

# Cattle farming practices and the emergence of Escherichia coli O157 (Stx2a+): an international workshop award with INTA Argentina

£9.100

UK applicant:	David Gally, University of Edinburgh
Workshop location:	Argentina
Participating countries:	UK, Argentina

### Linking UK rice research with translational science for farmers' fields

£9.980

UK applicant:	Sigrid Heuer, Rothamsted Research
Workshop location:	UK
Participating countries:	UK, Phillippines, Colombia, Indonesia, Ivory Coast

#### **UK-China Workshop in Algal Biotechnology**

£10,000

UK applicant:	Saul Purton, University College London
Workshop location:	China
Participating countries:	China, UK

### Bilateral wheat improvement workshop with BalticWheat network

£9,825

UK applicant:	Peter Shewry, Rothamsted Research
Workshop location:	Denmark and Lithuania

Participating countries:	Denmark, Lithuania and Sweden
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#### 2018 Call

## Building a globally leading partnership between NBIC and CBE international biofilm centres

£10,000

UK applicant:	Professor Jeremy Webb, University of Southampton
Workshop location:	UK
Participating countries:	UK, USA

#### **Promoting Synergies in Chromatin Research**

£10.000

2.0,000	
UK applicant:	Dr Thomas Schalch, University of Leicester
Workshop location:	UK
Participating countries:	UK, Japan

## The neurohormonal control of body fluid and cardiovascular homeostasis in males and females - vive la difference!

£9,950

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UK applicant:	Professor David Murphy, University of Bristol
Workshop location:	Argentina
Participating countries:	Argentina; Brazil; Canada; Serbia; USA

#### Multi-national workshop on cereal recombination

£9,800

UK applicant:	Professor Keith Edwards, University of Bristol
Workshop location:	UK
Participating countries:	France, Australia, Canada, Germany, USA, Israel, Spain

#### Food safety bioinformatics hackathon

£10.000

UK applicant:	Dr Andrew Page, Quadram Institute Bioscience
Workshop location:	UK
Participating countries:	Australia, Canada, USA, Portugal, Norway

#### 2017 Call

# Quantitative Analysis of Clonality in Haematopoiesis - Concepts, methods and potential

£9,000

UK applicant:	Dr Elisa Laurenti, University of Cambridge
Workshop location:	UK
Participating countries:	EU

## Catalysing collaborations between wheat scientists in the UK and Central Asia £10,000

UK applicant:	Professor Peter Shewry, Rothamsted Research
Workshop location:	Kazakhstan
Participating countries:	Kazakhstan

## 'Multi-Soil' Multimodal image based modelling in soil £9,990

UK applicant:	Professor Tina Roose, University of Southampton
Workshop location:	UK
Participating countries:	EU

#### Algal Biotechnology Workshop in Wuhan, China

£10,000

UK applicant:	Professor Saul Purton, University College London
Workshop location:	China
Participating countries:	China

### Minimum Information for Reporting Arthropod Infection Studies

£10,000

UK applicant:	Dr Anthony Wilson, The Pirbright Institute
Workshop location:	UK/US
Participating countries:	US

#### **Barley Mutant Workshop 2018**

£10 000

210,000	
UK applicant:	Professor Robbie Waugh, University of Dundee
Workshop location:	UK
Participating countries:	EU, US, Japan, Australia

# Engineering protein trafficking in plants for biopharmaceutical production £10,000

UK applicant:	Professor Rob Field, John Innes Centre
Workshop location:	Canada
Participating countries:	Canada

#### 2016 Call

### A UK-New Zealand Partnership: exploiting algae and marine biomass for IBBE

210,000		
	UK applicant:	Professor Saul Purton, University College London
	Workshop location:	New Zealand
	Participating countries:	New Zealand, UK

#### BrisSynBio - MaxSynBio: Building a minimal biology

£10 000

210,000	
UK applicant:	Professor Stephen Mann, University of Bristol
Workshop location:	UK

Participating countries:	UK

### Bioactive polysaccharide production for sustainable health and well being

£10,000

UK applicant:	Professor Sabine Flitsch, The University of Manchester
Workshop location:	UK
Participating countries:	UK, India

#### 2015 Call

### Transformation of plant-parasitic nematodes

£9,450

UK applicant:	Sebastian Eves-can den Akker, University of Dundee
Workshop location:	Netherlands
Participating countries:	UK, USA, France, Netherlands, Belgium

## Catalysing collaboration and exchange between wheat scientists in the UK and West Asia $\mathfrak{L}9,810$

UK applicant:	Peter Shewry, Rothamsted Research	
Workshop location:	Turkey	
Participating	Turkey, UK	
Countries:		

#### 2014 Call

### International Workshop "Epigenetic Control of Skin Regeneration and Ageing"

£10,000

2.0,000	
UK applicant:	Vladimir Botchkarev, University of Bradford
Workshop location:	United Kingdom
Participating countries:	UK, China, USA

#### **Bioenergy and Innovation**

£9.600

UK applicant:	Lin SF Huang, Aberystwyth University
Workshop location:	Taiwan
Participating countries:	Taiwan, UK

# 'Running to stand still': Evolution and management of drug resistance in healthcare and agriculture

£11,100

UK applicant:	Paul Neve, Rothamsted Research
Workshop location:	Spain
Participating countries:	Spain, UK

# Uruguay-UK workshop, Rothamsted Research (UK) & Instituto Nacional De Investigacion Agropecuaria (UY)

£10,000

UK applicant:	Simon Vaughan, Rothamsted Research
Workshop location:	Uruguay
Participating countries:	Uruguay, UK

### International Workshop- Non-Target Site Based Herbicide Resistance in Grass Weeds £10.000

UK applicant:	Robert Edwards, Agriculture Food and Rural Development, Newcastle University
Workshop location:	Malaysia
Participating countries:	Australia, USA, Denmark, UK

### UK and Central European linkages for wheat genetics, physiology, and breeding £11.900

UK applicant:	Simon Griffiths, Crop Genetics, John Innes Centre
Workshop location:	Hungary
Participating countries:	Czech Republic, Croatia, Germany, Hungary, Poland, Romania, Serbia, UK

#### **Animal Health Workshop**

£17,000

UK applicant:	Jean Manson, The Roslin Institute, University of Edinburgh
Workshop location:	Brazil
Participating countries:	UK, Brazil

#### **Transatlantic SynBio Workshop**

£18,860

UK applicant:	John McCarthy, School of Life Sciences, University of Warwick
Workshop location:	Brazil
Participating countries:	USA, Brazil, UK

### Hackathon on Resources for Modelling in Biology 2014 (HARMONY 2014) £9.000

20,000	
UK applicant:	Pedro Mendes, Computer Science, The University of Manchester
Workshop location:	UK
Participating countries:	Canada, USA, UK

# Capturing brain changes across the lifespan: Implications for affective control and wellbeing

£10.000

UK applicant:	Carina van Reekum, School of Psychology and Clinical Language Sciences, University of Reading
Workshop location:	UK
Participating countries:	USA, Netherlands, UK

#### **Chromosome structure workshop**

£10 000

0,000		
UK applicant:	Ian Robinson, London Centre for Nanotechnology, University College	
	London	
Workshop location:	UK	
Participating countries:	Japan, UK	l

#### UK-USA CWD workshop: Landscape modelling for livestock disease

£9,846

UK applicant:	Steven Rushton, School of Biology, Newcastle University
Workshop location:	USA
Participating countries:	USA, UK

### Reaching a consensus on Culicoides taxonomic identification in India

£10,000

UK applicant:	Simon Carpenter, Vector-borne Viral Diseases, The Pirbright Institute
Workshop location:	Tamil Nadu, India
Participating countrie	s: South Africa, Australia, France, India, UK

# Establishing a Joint UK-South America Partnership in Industrial Biotechnology and Bioenergy

£10,000

UK applicant:	Simon McQueen-Mason, Department of Biology, University of York
Workshop location:	Buenos Aires, Argentina
Participating countries:	Participating Countries:

### Recent Advances in Viral diseases of animals – implications on One Health

£9,800

UK applicant:	Venugopal Nair, Department of Avian Infectious Diseases, The Pirbright Institute
Workshop location:	Harbin, China
Participating countries:	China, UK

### Building a new research alliance to reclaim Faba bean production area abandoned to Orobanche

£10, 517

UK Applicant:	Donal O'Sullivan, National Institute of Agricultural Botany	
Workshop location:	Rabat, Morocco	
Participating countries:	Germany, Egypt, Morocco, Spain, Tunisia, USA, UK	

# EU-Canada Workshop on Preventing Tendon Injury in Equine Athletes: Translation of Accurate *in vitro* Modelling to the Racetrack

£8,747

UK Applicant:	Tina Rich, College of Medical, Veterinary & Life Sciences, University of Glasgow
Workshop location:	Glasgow, UK
Participating countries:	Canada, UK

#### **BBSRC: India Wheat Workshop**

£10.100

210,100	
UK Applicant: Peter Shewry, Department of Plant Biology and Crop Science	
	Rothamsted Research
Workshop location:	New Delhi, India
Participating countries:	India, UK

#### **2011 Call**

#### **EPIZONE European Research Group Meeting: "Viruses on the move"**

£10,200

210,200	
UK applicant:	Linda Dixon, Department of Livestock Infectious Diseases, Institute for
	Animal Health
Workshop location:	Brighton, UK
Participating countries:	UK, USA, Holland, France, Germany, Spain, Italy, Turkey, Belgium, Sweden, China

#### **Mechanisms of Insect Nutritional Homeostasis workshop**

£10,595

UK applicant:	Geraldine Wright, Institute of Neuroscience, Newcastle University
Workshop location:	Bonn, Germany
Participating countries:	UK, Germany, USA, France, Switzerland, Japan, Canada, Portugal,
	South Africa, New Zealand, Israel, Australia

#### **International Bioenergy Workshop**

£10,000

UK applicant:	Katherine Smart, School of Biosciences, University of Nottingham
Workshop location:	São Paulo, Brazil
Participating countries:	UK, Brazil

# Joint UK-India Workshop on Composition and Deconstruction of Plant Biomass $\mathfrak{t}9,900$

UK applicant:	Gregory Tucker, School of Biosciences, University of Nottingham
Workshop location:	Nottingham, UK
Participating countries:	UK, India

### **Multipurpose Elite Sorghum for Africa**

£16.500

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UK applicant: Michael Abberton, IBERS, Aberystwyth University		Michael Abberton, IBERS, Aberystwyth University
	Workshop location:	Loresho, Nairobi, Kenya
Participating countries: UK, Kenya, Tanzania, Uganda, India, Niger		UK, Kenya, Tanzania, Uganda, India, Niger

## International Workshop on Image Analysis Methods for Plant Sciences $\pounds 8.906$

UK applicant:	Tony Pridmoi	e, School	of	Computer	Science,	University	of
	Nottingham						
Workshop location:	Nottingham, U	<					
Participating countries:	countries: UK, Belgium, USA, Germany, France, Holland, Switzerland						

#### The Mathematics of Biodiversity

£10,200

UK applicants:	Richard Reeve, College of Medical, Veterinary & Life Sciences, University of Glasgow; Thomas Leinster, School of Mathematics & Statistics, University of Glasgow
Workshop location:	Barcelona, Spain
Participating countries:	UK, the USA, Spain, Australia, Singapore, China, Taiwan, Ecuador, Canada, Kenya, Holland, Norway, France, Japan

#### The Systems-Synthesis Interface in Bioscience

£12 000

212,000	
UK applicant:	John McCarthy, Department of Biological Sciences, University of
	Warwick
Workshop location:	Mallorca, Spain
Participating countries:	UK, Spain, USA, Switzerland

#### 2010 Call

#### Bridging the gap between herbivores and forage research

£10.630

UK applicant: Michael Abberton, IBERS, Aberystwyth University			
	Workshop location:	Aberystwyth, UK	
	Participating countries:	UK, USA, Japan, New Zealand, China, France, Finland, Holland	

### Miscanthus for sustainable energy and the environment

£9,500

UK applicant:	Iain Donnison, IBERS, Aberystwyth University
Workshop location:	Tainan, Taiwan
Participating countries:	UK, USA, China, Taiwan, South Korea

#### International workshop on Virus-induced gene silencing in cereals

£8,695

UK applicant:	Konstantin Kanyuka, Plant Pathology and Microbiology, Rothamsted
	Research
Workshop location:	Harpenden, UK
Participating countries:	UK, USA, Germany, Switzerland, China

# **Telomere dynamics in non-model organisms: Developing a standardised approach** £9,800

UK applicant:	Daniel Nussey, Institute of Evolutionary Biology, University of Edinburgh
Workshop location:	Glasgow, UK
Participating countries:	UK, USA, Holland, Sweden, Germany, New Zealand, Australia

### Joint EMBRAPA: UK Workshop on Wheat Improvement

£13,000

UK applicant:	Peter Shewry, Plant Science Department, Rothamsted Research
Workshop location:	Passo Fundo, Brazil
Participating countries:	UK, Brazil

#### 2009 Call

# Wheat Genetics and Biotechnology research coordination between the UK and Eastern Europe

£11,710

UK applicant:	John Snape, Head, Crop Genetics Department, John Innes Centre
Overseas delegates:	Borislav Kobiljski, Small Grains Breeding and Biotechnology
	Department, Institute of Field and Vegetable Crops, Novi Sad, Serbia
Participating countries:	UK, Serbia, Hungary, Croatia, Czech Republic, Romania, Bulgaria

#### **UK-French-Dutch Workshop on Food and Gut Health**

£8,790

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UK applicant:	Simon Carding, Head, Integrated Biology of the Gastrointestinal Tract, Institute of Food Research
Overseas delegates:	Joël Doré, Emmanuelle Maguin, Jean Fioramonti, Institut National de la Recherche Agronomique, MICALIS project (Food Microbiology for Human Health), Jouy-en-Josas Centre, France; Vitor Martins dos Santos, Wageningen University and Research Centre, Holland
Participating countries:	UK, France, Holland

#### Informatics for the Arabidopsis community

£12,083

UK applicants:	Jim Beynon, Warwick HRI, University of Warwick; Keith Lindsey, School of Biological and Biomedical Sciences, Durham University
Overseas delegates:	Mark Estelle, Section of Cell and Developmental Biology,
_	University of California San Diego, USA
Participating countries:	UK, USA, EU, Canada, Australia, Japan, Chile, China

#### BBSRC - UKRI INTERNATIONAL WORKSHOPS 2005 - 2022

# Genetic and environmental regulation of fructan content in ryegrass £7,850

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UK applicant:	Lesley B. Turner, Department of Crop Genetics, Institute of Biological,
	Environmental and Rural Sciences
Overseas delegates:	Marie-Pascale Prud'homme j Ecophysiologie Vegetale, Agronomie
	& Nutritions N.C.S. (EVA), Universite de Caen, France; Philippe

	Barrej INRA: Poitou-Charentes, URP3F Unite de Recherche
	Pluridisciplinaire Prairies et Plantes Fourraqeres, Lusignan, France; Susanne Rasmussenj AgResearch Limited, New Zealand
Participating countries:	UK, France, New Zealand

# Captive animals' stereotypic behaviors: Signs of brain dysfunction, poor welfare, or both? £9.542

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UK applicant:	Melissa Bateson, Institute of Neuroscience, Newcastle University
Overseas delegates:	Georgia Mason, Department of Animal Science, University of Guelph,
	Ontario, Canada
Participating countries:	UK, Canada, USA, China, South Africa, Denmark, France, Germany,
-	Italy, Portugal, Spain

# First COMBINE meeting: Bridging model structure, semantics and representation £10,100

UK applicants:	Nicolas Le Novère, Department of Computational Systems
	Neurobiology, EMBL-EBI
Overseas delegates:	Gary Bader, Terrence Donnelly Centre for Cellular and Biomolecular
	Research, University of Toronto, Canada; Hiroaki Kitano, Systems
	Biology Institute, Japan
Participating countries:	UK, USA, Germany, Japan, Canada

#### 2008 Call

### The BBSRC European Hypothalamic Function Genomics Network

£9,880

UK applicants:	David Murphy, Henry Wellcome Laboratories for Integrated
	Neuroscience and Endocrinology, Clinical Sciences at South Bristol
Overseas delegates:	Nina Japundzic Zigon, Institute of Clinical Pharmacology, University
	of Belgrade, Serbia
Participating countries:	England, France, Germany, Italy, Hungary, Poland, Scotland, Serbia

### Naturally Evolved and Synthetic Biomolecular Systems

£12,090

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UK applicant:	John McCarthy, Manchester Interdisciplinary Biocentre, University of Manchester
Overseas delegates:	Victor de Lorenzo, Centro Nacional de Biotecnologia, Madrid, Spain; Yoshikazu Nakamura, Institute of Medical Science, University of Tokyo, Japan; Virginia Cornish, Department of Chemistry, Columbia University, New York, USA
Participating countries:	UK, Spain, Japan, USA

### International Workshop on Peroxisome Research

£7,000

UK applicant:	Alison Baker, Centre for Plant Sciences, Faculty of Biological
	Research, University of Leeds
Overseas delegates:	Steven Smith, Centre for Plant Energy Biology, University of Western
_	Australia, Australia; Bonnie Bartel, Rice University, Texas, USA
Participating countries:	UK, Germany, Norway, Japan, Australia, USA

# Integrating In vivo, In vitro and In Silico Modelling within the Cardiac Physiome ${\pm}10{,}000$

UK applicants:	Nicolas	Smith,	Computational	Laboratory;	Sarah	Waters,
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	Mathematical Institute, University of Oxford
Overseas delegates:	Professor Peter Hunter, Bioengineering Institute, University of Auckland, New Zealand; Andrew McCulloch, Bioengineering Department, UCSD, USA; Flavio Fenton, Department of Biomedical Sciences, Cornell University, USA
Participating countries:	UK, New Zealand, Japan, USA, Germany, France, Spain, Canada

## From oocyte to embryo: a workshop on early mammalian embryogenesis £9,701.98

UK applicant:	Shankar Srinivas, Department of Physiology, Anatomy and Genetics, University of Oxford
Overseas delegates:	Claire Chauzaud, Cell Lineage differentiation in early stage embryogenesis team, UMR, Clermont Université, France; Jerome Collignon, Regulation of cell-fate specification team, Department of Developmental Biology, Institut Jacques Monod, CNRS and Université Paris-Diderot, France; Kat Hadjantonakis, Developmental Biology Programs, Sloan- Kettering Institute, USA; Takashi Hiiragi, Mammalian Development Laboratory, Max-Planck-Institute for Molecular Biomedicine, Münster, Germany; Alice Jouneau, UMR INRA/ENVA/CNRS Biologie du Developpement et Reproduction, INRA, France; Miguel Manzanares, Department Cardiovascular Development Biology, National Centre for Cardiovascular Research (CNIC), Madrid, Spain
Participating countries:	UK, France, Germany, Spain, USA

#### **Post-Genomic Farm Animal Biodiversity**

£8000

UK applicant:	Carol Telford, Genesis Faraday Partnership, Roslin BioCentre, Midlothian
Participating countries:	Italy, Finland, Netherlands, France, USA, Kenya

## Sustainable peri-urban vegetable production for nutritional food security in Sub-Saharan Africa

£10.000

UK applicants:	Howard John Atkinson, Peter Edward Urwin Centre for Plant
	Sciences, University of Leeds
Overseas delegates:	David Watson, Project Development IITA-Nigeria Ibadan, Nigeria
Participating countries:	UK, Nigeria, Tanzania, Uganda

# The distribution of large biological databases from the UK to China $\pounds 12,500$

UK applicant:

Ewan Birney, The protein and Nucleotide Database Group (PANDA),
European Molecular Biology Laboratory, European Bioinformatics
Institute

Overseas delegates: Jingchu Luo, the Centre of Bioinformatics (CBI), Beijing University, China
Overseas delegates: UK, China, and some European partners in CERN and GEANT/DANTE

# Applying chemical genetic approaches to vertebrate developmental biology\* £13,000

UK applicant:	Karen Liu, Department of Craniofacial Development, King's College			
	London			
Overseas delegates:	Mustafa Khokha, Department of Genetics, Yale University, USA; John Wallingford, Molecular Cell and Developmental Biology, UT Austin,			
	USA; Richard Harland, Molecular Cell Biology, UC Berkley, USA; Michael Longaker, Children's Surgical Research Lab, Stanford			

	University, USA
Participating countries:	UK, USA

<sup>\*</sup>NOTE this application was initially made under the United States Partnering Award scheme

#### 2007 Call

# Combating Porcine Reproductive and Respiratory Syndrome (PRRS) in Europe $\pounds 8.500$

UK applicants:	Tahar Ait-Ali and Professor Alan Archibald, Genetics and Genomics,						
	Roslin Institu	ute					
Overseas delegates:	Hans Nauwy Belgium	/nck,	Faculty of Ve	eterinary Me	edicine, Ge	ent Univers	ity,
Participating countries:	Poland, Sp	oain,	Denmark,	Belgium,	France,	Greece,	Italy,
	Netherlands	, UK		-			

# Embryonic stem cells as a model system for developmental biology £10,000

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UK applicants:	Joshua Brickman and Dr Jennifer Nichols, Institute for Stem Cell
	Research, University of Edinburgh
Overseas delegates:	Jose Xavier-Neto and Deborah Schechtman, Faculty of Medicine,
_	University of Sao Paulo, Brazil
Participating countries:	UK, Argentina, Brazil, Canada, Chile, Japan, Sweden, Switzerland,
	USA

### Avian Influenza: Furthering UK-China collaborative research

£14,000

UK applicant:	Colin Butter, Division of Immunology, Institute of Animal Health
Overseas delegates:	George Gao, Institute of Microbiology, Chinese Academy of Sciences; Hualan Chen, Harbin Veterinary Research Institute, China
Participating countries:	UK, China

# Genomics of antibiotic-producing actinomycetes: implications and applications ${\pm}10{,}000$

UK applicants:	Gregory Challis, Department of Chemistry, University of Warwick; Keith Chater, Department of Molecular Microbiology, John Innes Research Centre	
Overseas delegates:	Kenji Ueda, College of Bioresource Sciences, Nihon University,	
	Fujisawa, Japan	
Participating countries:	UK, Japan, South Korea	

# Plant epigenomics – International collaboration, tools and resources £16,200

UK lead applicant:	Hugh Dickinson, Department of Plant Sciences, Oxford University
Other UK applicants:	David Baulcombe, Department of Plant Sciences, University of Cambridge; Ian Furner, Department of Genetics, University of Cambridge; Justin Goodrich, Institute of Molecular Plant Sciences, University of Edinburgh; Rod Scott, Department of Biology and Biochemistry, University of Bath; Vincent Coustham, John Innes Centre; Jose Gutierrez-Marcos, Warwick University
Overseas delegates:	Rob Martienssen, Cold Spring Harbor Laboratory, New York; Steve Jacobsen, Howard Hughes Medical Institute, UCLA; Steve Henikoff, Howard Hughes Medical Institute, University of Washington; Vicki Chandler, Department of Plant Sciences, University of Arizona; Rick

	Amasino, Department of Biochemistry, University of Wisconsin; Machi
	Dilworth, NSF, Washington, USA
Participating countries:	UK, USA and Australia

# Trans-Atlantic awareness and collaboration symposium on the fundamental mechanisms of normal ageing

£5,700

UK lead applicant:	Richard Faragher, SPARC, School of Pharmacy and Biomolecular	
	Science, University of Brighton	
Overseas delegates:	Thomas Johnson, Institute for Behavioural Genetics, University of Colorado at Boulder, USA	
Participating countries:	UK; USA	

### Translating novel concepts and an integrative approach to seed biology

£7,550

21,000	
UK lead applicant:	Jose Gutierrez-Marcos, University of Warwick
Other UK applicants:	Hugh Dickinson, Oxford University, Professor Rod Scott, University of
	Bath; Ian Graham, University of York; Peter Shewry, Rothamsted
	Research; Mike Holdsworth, University of Nottingham; Keith Lindsey,
	University of Durham; Peter Eastmond, University of Warwick
Overseas delegates:	Robert Goldberg, UCLA; Jorge Dubcovsky, UC Davis, Professor
	Roger Beachy, St. Louis, Prof Odd-Arne Olsen, Monsanto, St Louis
	USA; Ueli Grossniklaus, University of Zurich, Switzerland; Tetsu
	Kinsoshita, National Institute of Genetics, Mishima, Japan; Qixing
	Sun, China Agricultural University, Beijing, China; Gregorio Hueros,
	Universidad de Alcala, Madrid, Spain; Pascual Perez, Biogemma,
	France
Participating countries:	China, France, Japan, Spain, Switzerland, UK and USA

### Genetics and genomics of livestock behaviour traits

£7.000

£1,000			
UK lead applicant:	Laura Kreciala, Genesis Faraday Partnership, Roslin Institute		
Other UK applicants:	Chris Warkup, Genesis Faraday; Alistair Lawrence ,Simon Turner, Scottish Agricultural College; DJ Dekoning, Paul Hocking, Roslin Institute; Carole Sargent, Cambridge University; Richard Twine, Lancaster University; Claire Wathes, Royal Veterinary College		
Overseas delegates:	Pierre Mormede, INRA, France; Peter Bijma, Animal Breeding and Genomics Centre, Wageningen University, Netherlands; Ingela Velander, Danish Meat Association, Denmark; Per Jensen, Linköping University; Peter Saetre, Uppsala University, Sweden; Frances Champagne, Columbia University, USA		
Participating countries:	Sweden, Denmark, Netherlands, France, UK and USA		

### 2006 Call

#### Wheat Improvement: Technology and Targets

£15.000

UK lead applicant:	Peter	Shewry,	Crop	Performance	and	Improvement
	Depart	ment, Roth	amsted	Research		
Overseas delegates:	Zhonghu He, CIMMYT and National Wheat Improvement					
		, CAAS, Be				
Workshop location and date:	Beijing	, China; Oc	tober 20	007		
Participating countries:	UK, Ch	nina (possib	ly Franc	ce)		

### Joint UK – CIMMYT Wheat Researchers and Breeders Workshop

£8,725

UK lead applicant:	John Snape, Crop Genetics Department, John Innes Centre
Overseas delegates:	Hans Braun, Tom Payne, CIMMYT Wheat Programme, Mexico
Workshop location and date:	John Innes Centre, June/July 2007
Participating countries:	CIMMYT personnel from Mexico, Turkey, Syria, India

### **Evaluation of Soil Microbial Parameters as Indicators of Soil Quality**

£10.000

UK lead applicant:	Philip Brookes, Agriculture and Environment Division,		
	Rothamsted Research		
Overseas delegates:	Qimei Lin, Soil and Water Science, China Agricultural University,		
_	Beijing; Jinshui Wu, Institute of Sub- Tropical Agriculture,		
	Changsha, China		
Workshop location and date:	Chinese Agricultural University, Beijing; Date to be decided		
Participating countries:	UK, China		

#### Cell Senescence: The future of ageing? Oriel 2008

£10,398

UK lead applicant:	Lynne Cox, Department of Biochemistry, University of Oxford	
Overseas delegates:	Dominique Broccoli, Memorial Health University Medical Centr	
	Texas; Sandy Chang, Anderson Cancer Center, Texas, USA	
Workshop location and date:	Oriel College, Oxford. July 2008	
Participating countries:	UK, EU (Austria, France, Germany, Finland), USA, Japan	

#### 2005 Call

# Combining high-throughput genotyping, numerical genomics and quantitative genetics in animal breeding

£7,000

2: ,000			
UK lead applicant:	Chris Warkup, Genesis Faraday Partnership		
Overseas delegates:	Theo Meuwissen, Norwegian University of Life Sciences,		
	Norway		
Workshop location and date:	Moredun Research Institute, Scotland; June 2006		
Participating countries:	USA, Norway, Sweden, Netherlands, Australia, France,		
	Denmark, Germany, Israel, New Zealand, UK		

### Multidimensional Interfaces in Functional Tissue Engineering

000,8£

UK lead applicant:	Eileen Ingham, University of Leeds
Overseas delegates:	Numerous
Workshop location and date:	Wakefield; August 2007
Participating countries:	Japan, China, USA, Finland, UK

### Molecular and cellular mechanisms of axon degeneration

£8 000

20,000			
	UK lead applicant:	Michael Coleman, Babraham Institute	
	Overseas delegates:	Rudolph Martini, University of Wuerzburg, Germany	
	Workshop location and date:	Babraham Institute; September 2006	
	Participating countries:	UK, Germany, USA, Canada	

# Closing the gap between neurophysiology and behaviour: A computational modelling approach

#### £7,000

UK lead applicant:	Dietmar Heinke, University of Birmingham
Overseas delegates:	Numerous
Workshop location and date:	University of Birmingham; June 2007
Participating countries:	Denmark, Germany, France, Switzerland, Spain, UK, USA,
	Canada, Belgium

### Nano-biotechnology interfaces: cells, surfaces and sensors

£10,000

UK lead applicant:	Jeremy Lakey, University of Newcastle
Overseas delegates:	Shimomura and Professor Yamamoto, Hokkaido
Workshop location and date:	Newcastle University; March 2006
Participating countries:	UK, Japan

### Embryonic Stem Cells as a Model System for Developmental Biology

£7,000

UK lead applicant:	Joshua Brickman, University of Edinburgh
Overseas delegates:	Veronica Palma, University of Chile, William Stanford, University of Toronto, Canada; Jose Xavier-Neto, University of Sao Paulo,
	Brazil
Workshop location and date:	Universidad de Chile, Santiago, Chile; January, 2007
Participating countries:	UK, Canada, Japan, United States, Chile, Brazil

# Anglo-French Workshop on Co-operative Opportunities in Food Research and Training £7.000

21,000			
UK lead applicant:	Roger Fenwick, Institute of Food Research		
Overseas delegates:	INRA, France		
Workshop location and date:	Norwich; November 2006		
Participating countries:	UK, France		