BBSRC AND CHINA

- **BBSRC holds China as a high priority for collaborative activity**
- **We consider workshops to be a key mechanism for pump-priming collaborations and for supporting the plans of researchers**
- **BBSRC continues to encourage interactions with China through our bottom-up**
- **China Partnering Awards and through BBSRC's general travel schemes**
- **BBSRC has signed agreements with CNCBD, CAS and NNSFC, under which workshops are organised to stimulate UK-China partnerships in strategic areas**

BBSRC support for facilitating international collaboration with China

The work of BBSRC's International Relations Unit (IRU) seeks to enhance BBSRC's influence and involvement at the forefront of international science, to exploit international funding opportunities in the interests of BBSRC's scientific community and to capitalise on international links, both at policy and scientific levels. It achieves this through a number of mechanisms.

BBSRC interactions with China include visits and scoping studies to China and welcoming Chinese researchers and policy makers to the UK. BBSRC also has a specific scheme to support UK-China collaborative activity – BBSRC China Partnering Awards.

Full details of BBSRC international activities are on the BBSRC website at:
www.bbsrc.ac.uk/international

Visits

BBSRC's International Scientific Interchange Scheme (ISIS) provides a mechanism to initiate and pump-prime collaboration to allow BBSRC-supported scientists to explore the potential of an international linkage and possible funding opportunities. Since 2000 BBSRC has spent over £80k to fund 39 visits involving China. These visits spanned a range of scientific areas including insect pests, evolutionary development, wheat genomics, agricultural sustainability and neural development.

Bilateral Workshops

BBSRC co-sponsors workshops in identified areas of research with our Chinese partners. These are used to pump-prime individual links between researchers from China and the UK. For example BBSRC sponsored the Institute of Animal Health to take forward collaborative activity with China on avian influenza, which involved a workshop conducted in China during September 2007.

BBSRC also has an annual call for workshop ideas from members of the BBSRC community. Under this scheme workshop proposals involving Chinese researchers have been supported in a range of topics including food safety and crop improvement (21 such workshops involving China at over £100k).

China Partnering Awards (CPA)

The first annual call for the China Partnering Awards Scheme was announced by BBSRC in 2003. Each year the call is announced during September, with a closing date in November. Typically, awards of up to £30,000 are made over a four-year period, with funding being awarded

to a leading UK laboratory that is partnered with one or more Chinese equivalents. Funding is normally used to support exchanges of personnel and to access facilities and workshops, although no prescribed mechanisms have been set as to how the award should be used. Similar BBSRC schemes operate with Japan, Brazil, the US and India.

Since the introduction of the CPA scheme, 82 awards have been made with a total BBSRC contribution of over £2M, which supports scoping studies, workshops in emerging areas of science and travel for researchers going to and from China. Priority is given to the exchange of young researchers and for visits to access facilities. We hope that the partnership awards will lead to researchers submitting proposals to the responsive mode lines of BBSRC and to our partner organisations in China for joint research projects. The full list of awards that have been made by BBSRC is shown below.

Contacts

Eligibility and administrative queries about the China Partnering Awards scheme should be addressed to:

Ms Sania Afzal
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BBSRC
Email: sania.afzal@bbsrc.ac.uk
Tel: +44 (0)1793 413364

Scientific queries about this scheme should be addressed to:

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PREVIOUS AWARDS

2013 Call

UK-China partnership to develop durable late blight disease resistance in potato
£29,200
UK lead partner: Professor Paul Birch, College of Life Sciences, University of Dundee
Chinese lead partner: Professor Zhendong Tian, Huazhong Agricultural University; Dr Ingo Hein, Cell & Molecular Sciences, The James Hutton Institute

The Attenuation of Serotype A Foot-and-Mouth Disease Viruses
£30,000
UK lead partner: Professor Martin Ryan, Biology, University of St Andrews
Chinese lead partner: Professor Zihe Rao, Biomedical Engineering, Tsinghua University

Developing DNA-barcodes for ecologically important eukaryotic microbes
£30,000
UK lead partner: Dr Mark Wilkinson, Life Sciences, The Natural History Museum
Chinese lead partner: Dr Zhenzhen Yi, Life Science, South China Normal University

China Partnering Award: Agri-Bioscience for Sustainable Food Security
£29,520
UK lead partner: Professor Kenneth Wilson, Lancaster Environment Centre, Lancaster University
Chinese lead partner: Dr Kongming Wu, The Institute of Plant Protection (IPP), Chinese Academy of Agricultural Sciences

2012 Call

China:UK collaborative exchange: Systemic signalling in plants
£24,800
UK lead partner: Dr Stephen Jackson, School of Life Sciences, University of Warwick
Chinese lead partner: Professor Yiguo Hong, Department of Life and Environmental Sciences, Hangzhou Normal University

Exploitation of related species for developing superior adapted wheat varieties
£24,000
UK lead partner: Dr Julie King, School of Biosciences, University of Nottingham
Chinese lead partner: Dr Fangpu Han, Institute of Genetics and Development Biology, Chinese Academy of Sciences

China-Imperial College London collaboration: Actinobacillus pleuropneumoniae - population biology, pathogenicity and vaccine development
£24,400
UK lead partner: Professor Paul Langford, Department of Medicine, Imperial College London
Chinese lead partner: Professor Liancheng Lei, Jilin University

Soil bioscience for sustainable food security
£46,500
UK lead partner: Dr Nicholas Ostle, NERC Centre for Ecology and Hydrology
Chinese lead partner: Professor Chunling Luo, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences

China-UK Partnership to Develop Biotechnology Applications of Novel Heparinoids and Sulfated Polysaccharides
£42,500

UK lead partner: Professor Jeremy Turnbull, Institute of Integrative Biology, University of Liverpool
Chinese lead partner: Professor Zebo Huang, Wuhan University

2011 Call

Developing a network model of caloric restriction in the mouse
£22,710
UK lead partner: Professor John Speakman, Institute of Biological and Environmental Sciences, University of Aberdeen
Chinese lead partner: Professor Wei Li, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences

Exploring the integration of LCA elements into early stage bioenergy research
£24,855
UK lead partner: Dr Marcelle McManus, Mechanical Engineering, University of Bath
Chinese lead partner: Professor Shizhong Li, Institute of New Energy Technology, Tsinghua University

Models of mixed respiratory infections in pigs - functional genomics, vaccines and diagnostic development
£23,500
UK lead partner: Dr Alexander Tucker, Department of Veterinary Medicine, University of Cambridge
Chinese lead partner: Prof. Rui Zhou, College of Animal Sciences, Huazhong Agricultural University

China:UK collaborative exchange: Microbes, metabolism and ageing
£22,632
UK lead partner: Dr David Weinkove, Department of Biological and Biomedical Sciences, Durham University
Chinese lead partner: Prof. Liping Zhao, School of Life Sciences & Biotechnology, Shanghai Jiao Tong University

China-Vietnam-United Kingdom Partnership in combating viral diseases of poultry
£24,000
UK lead partner: Prof. Venugopal Nair, Department of Avian Infectious Diseases, Institute for Animal Health
Chinese lead partner: Prof. Xiao Mei Wang, Division of Avian Infectious Diseases, Harbin Veterinary Research Institute.

The epidemiology of zoonotic arboviruses in China and Vietnam: establishing arbovirus reference collections.
£25,000
UK lead partner: Dr Houssam Attoui, Department of Vector Borne Diseases, Institute For Animal Health
Chinese lead partner: Dr Xiaohong Sun, Division of Virology, Chinese Academy of Inspection and Quarantine

Developing a research network for the application of wheat genomics in the UK and China
£20,149
UK lead partner: Prof. Michael Bevan, Department of Cell and Development Biology, John Innes Centre
Chinese lead partner: Prof. Bin Han, National Centre for Genome Research, Shanghai Institutes of Biological Sciences

Building Links between JIC and CAS: Towards a CAS-JIC Joint Centre
£30,000
UK lead partner: Prof. Giles Oldroyd, Department of Disease and Stress Biology, John Innes Centre
Chinese lead partner: Prof. Bin Han, National Centre for Genome Research, Shanghai Institutes of Biological Sciences

China & the UK: supercomputing systems biology
£32,400
UK lead partner: Prof. Hans Westerhoff, Department of Chemical Engineering and Analytical Science, University of Manchester
Chinese lead partner: Prof. Jianping Yin, College of Computer Science, National University of Defence Technology

Pig Feed Efficiency: Application of systems integrative biology and transgenic technologies
£25,000
UK lead partner: Dr Simon Welham, School of Biosciences, University of Nottingham
Chinese lead partner: Dr Shuhong Zhao, College of Animal Science, Huazhong Agricultural University

China - Integrative approaches to understanding and improving nutrient uptake efficiencies of crop species
£25,000
UK lead partner: Prof. Thomas Hodgman, School of Biosciences, University of Nottingham
Chinese lead partner: Prof. Ping Wu, Department of Life Sciences, Zhejiang University

Establishing common standards and curation practices: towards real world biosharing.
£25,000
UK lead partner: Dr Susanna Sansone, Oxford e-Research Centre, University of Oxford
Chinese lead partner: Dr Scott Edmunds, Beijing Genomics Institute (BGI)

UK-China Collaboration for production of biologically active homoisoprenoids and their eventual use for pest control
£24,000
UK lead partner: Prof. John Pickett, Biological Chemistry Division, Rothamstead Research
Chinese lead partner: Prof. Jianqiang Wu, Key Laboratory of Economic Plants and Biotechnology, Kunming Institute of Botany

China partnering: exploiting actinobacteria from extreme environment
£23,400
UK lead partner: Prof. Paul Dyson, Institute of Life Science Medical School, Swansea University
Chinese lead partner: Prof. Li-Zhe An, Arid Environment & Paleoclimate Research, Lanzhou University

Thailand Campylobacter and chicken project
£28,000
UK lead partner: Prof. Tom Humphrey, Veterinary Clinical Science, University of Liverpool
Chinese lead partner: Prof. Aj Amaret, Royal Golden Jubilee Programme, Thailand Research Fund

2010 Call

Farm animal genetic diversity and host innate immune responses to infections of global importance
£37,800
UK lead partner: Professor Kin-Chow Chang, School of Veterinary Medicine and Science, University of Nottingham
Chinese lead partner: Professor Shuhong Zhao, College of Animal Science, Huazhong Agricultural University

African swine fever virus: Understanding virus host interactions and improving control strategies
£21,900
UK lead partner: Dr Linda Dixon, Vector Borne Diseases Department, Institute For Animal Health
Chinese lead partner: Dr Zhillang Wang, Diagnostic Center Exotic Animal Diseases, China Animal Health and Epidemiology

Investigating synergies between advanced bioprocess monitoring and production of valuable marine bioproducts
£15,300
UK lead partner: Professor Brian McNeil, Institute of Pharmacy and Biomedical Science, University of Strathclyde
Chinese lead partner: Professor Wei Cong, State key Laboratory of Biochemical Engineering, Institute of Process Engineering, CAS

Soils for Sustainable Agriculture and Environment
£24,560
UK lead partner: Dr Philip James Murray, North Wyke Research, Rothamsted Research
Chinese lead partner: Professor Fusuo Zhang, Center of International Agricultural, China Agricultural University

UK-China partnership to control Peste-des-petits-ruminants (PPR)
£24,951
UK lead partner: Professor Satya Parida, Livestock Infectious Diseases Department, Institute For Animal Health
Chinese lead partner: Dr Jingyue Bao, Centre for Exotic Animal Disease Diagnosis, China Animal Health and Epidemiology Centre

Surrey and Shanghai Jiao Tong partnership on visceral organ sensory research during ageing
£24,812
UK lead partner: Dr Changhao Wu, PostGrad Medical School, University of Surrey
Chinese lead partner: Professor Weifang Rong, Medical School, Shanghai Jiao Tong University

2009 Call

A Manchester-Beijing Strategic Partnership in Molecular Life Sciences
£27,910
UK lead partner: Dr Martin Lowe, Faculty of Life Sciences, University of Manchester
Chinese lead partner: Drs Shilai Bao, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences

Biological and bioinformatic analysis of foot-and-mouth disease virus (FMDV) within the Yak (*Bos grunniens*)
£24,600

UK lead partner: Professor Michael Watson, Head of Bioinformatics, Institute for Animal Health
Chinese lead partner: Professor Yang Zhong, Director, Institute of Biodiversity Science and Geobiology, Tibet University and Director, Center for Evolutionary Biology, Fudan University

Exploring the genetics of stem digestibility and biofuel potential in rice
£25,000
UK lead partner: Professor Simon McQueen-Mason, CNAP, Biology Department, University of York
Chinese lead partner: Professor Yinbo Gan, Department of Agronomy, College of Agriculture and Biotechnology, Zhejiang University

The Immunology of Poultry Vaccination
£25,000
UK lead partner: Dr Colin Butter, Avian Infectious Diseases, Institute for Animal Health
Chinese lead partner: Professor George Fu Gao, Director-General, Center for Molecular Immunology, Institute of Microbiology, Chinese Academy of Sciences

Improving the UK knowledge-base on sugar-storing cereals for biofuels
£32,720
UK lead partner: Professor Trevor Wang, Associate Head of Metabolic Biology, John Innes Centre (JIC)
Chinese lead partner: Professor Hai-Chun Jing, Acting Director, Centre for Bioenergy Plants Research and Development (CBPRD), Institute of Botany, Chinese Academy of Sciences

UK-China partnership for innovative technologies for detection of environmental pollutants in animal feed and animal-derived food
£23,100
UK lead partner: Dr Olena Doran, School of Health and Life Sciences, University of the West of England, Bristol
Chinese lead partner: Dr. Gang Chen, Institute of Quality Standards & Testing Technology for Agro-Products (IQSTAP), Chinese Academy of Agricultural Sciences (CAAS)

Southampton-Shanghai partnership for the posttranscriptional control of mammalian gene expression
£23,220
UK lead partner: Professor Christopher Proud, Department of Biological Sciences, University of Southampton
Chinese lead partner: Professor Cheng Hong, Shanghai Institute of Biochemistry & Cell Biology, IBCB

System Genetics of health and production traits in pigs
£25,000
UK lead partner: DJ de Koning, Department of Genetics and Genomics, Roslin Institute and R(D)SVS, University of Edinburgh
Chinese lead partner: Professor Lusheng Huang, Key Laboratory for Animal Biotechnology of Jiangxi Province and Ministry of Agriculture of China, Jiangxi Agricultural University

2008 Call

Enhanced detection and characterisation of emergent influenza A viruses and avian paramyxoviruses (APMV/NDV): An Anglo-Chinese exchange
£24,790
UK lead partner: Dr Ian Brown, Veterinary Laboratories Agency

Chinese lead partner: Professor Malik J Peiris, The University of Hong Kong

Security in supply of safe food and water
£24,000
UK lead partner: Professor William John Davies, Lancaster University
Chinese lead partner: Professor Jia Wensuo, China Agricultural University

UK-China natural products for biopesticides: Developing partnerships for exploiting insecticidal proteins produced by arthropods
£27,040
UK lead partner: Professor John Gatehouse, Durham University
Chinese lead partner: Professor Gong-yin Ye, Zhejiang University

Molecular evolution and sensory performance in bats
£24,610
UK lead partner: Professor Gareth Jones, University of Bristol
Chinese lead partner: Professor Shuyi Zhang, Chinese Academy of Sciences, Beijing

Improving biobutanol production by solventogenic clostridia
£25,000
UK lead partner: Professor Nigel Minton, University of Nottingham
Chinese lead partner: Professor Weihong Jiang, Shanghai Institutes for Biological Sciences

Development of gene array technology to identify health and welfare traits in farm livestock
£35,200
UK lead partner: Professor Christopher Wathes, Royal Veterinary College
Chinese lead partner: Professor Shujun Zhang, Huazhong Agricultural University

2007 Call

Leeds-Zhejiang collaboration in sustainable agricultural development
£24,688
UK lead partner: Professor Tim Benton, University of Leeds
Chinese lead partner: Professor Cheng, University of Zhejiang

Smart nanoparticle applications in surface plasmon resonance based biosensing
£25,000
UK lead partner: Professor Elizabeth Hall, University of Cambridge
Chinese lead partner: Dr Xin Hong, Professor Zhurong Qiu, Tianjin University

Detecting alternative splicing and alternative polyadenylation in rice based on large scale microarray data analysis
£20,500
UK lead partner: Dr Andrew Harrison, University of Essex
Chinese lead partner: Dr Ming Chen, Zhejiang University

Molecular epidemiology of *Clostridium* spp in China: Risk of neurotoxin production in food
£25,000
UK lead partner: Dr Pradeep Malakar, Institute of Food Research
Chinese lead partner: Professor Xi Chang Wang, Dr Yong Zhao, Shanghai Fisheries University

UK-China marine natural products: Development of partnerships for exploiting cryptic biosynthetic pathways
£23,253
UK lead partner: Dr Jem Stach, Newcastle University

Chinese lead partner: Professor Lixin Zhang, Chinese Academy of Sciences

Bacterial foodborne pathogens: Pathogenesis and vaccine development
£24,000
UK lead partner: Professor Brendan Wren, London School of Hygiene and Tropical Medicine
Chinese lead partner: Professor Ying Zeng, Gansu Agricultural Uni

2006 Call

A UK-China "virtual laboratory" for the systems biology of membrane function
£24,600
UK lead partner: Professor Stephen Baldwin, Institute of Membrane and Systems Biology, University of Leeds
Chinese lead partner: Professor Quan Chen, Chinese Academy of Sciences, Beijing

UK-China cross-disciplinary partnering network in bioregenerative engineering: establishing collaborative gateways
£24,700
UK lead partner: Professor Robert Brown, Tissue Repair and Engineering Centre, University College London
Chinese lead partner: Professor Wei Liu, Tissue Engineering Centre, JiaoTong University, Shanghai

Enhancement of *Bacillus thuringiensis* against new target pests
£21,000
UK lead partner: Dr Neil Crickmore, Department of Biochemistry, University of Sussex
Chinese lead partner: Professor Jie Zhang, Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing

Structural proteomics of metallo- and membrane proteins of pathogens
£28,000
UK lead partner: Professor Samar Hasnain, CCLRC Daresbury Laboratory
Chinese lead partner: Professor Zhie Rao, Tsinghua University, Beijing

Bacterial veterinary pathogens – diagnostics and vaccine development
£23,400
UK lead partner: Dr Paul Langford, Departrment of Paediatrics, Imperial College London
Chinese lead partner: Professor Huanchun Chen, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan

Assessment of pathology and genetics of TSEs in ruminants and mouse models
£25,000
UK lead partner: Professor Jean Manson, TSE Division, Institute for Animal Health, Edinburgh
Chinese lead partner: Professor Deming Zhao, College of Veterinary Medicine, Chinese Agricultural University

UK-China collaborative research platform on avian oncogenic virus disease
£25,000
UK lead partner: Dr Venugopal Nair, Viral Oncogenesis Group, Institute for Animal Health, Compton
Chinese lead partner: Professor Zhizhong Cui, College of Veterinary Medicine, Shandong Agricultural University

Integrating molecular networks for male reproduction in Arabidopsis and Rice
£24,950

UK lead partner: Dr Zoe Wilson, School of Biosciences (Plant Sciences Division), University of Nottingham
Chinese lead partner: Professor De Ye, China Agricultural University, Beijing

2005 Call

Porcine genomics of muscle production and disease resistance.
£25,560
UK lead partner: Dr Kin-Chow Chang, Faculty of Veterinary Medicine, University of Glasgow
Chinese lead partner: Professor Yuhong Su, Jinzhou Medical College

Bioprocessing and Tissue Engineering Technologies
£25,000
UK lead partner: Professor Zhanfeng Cui, Engineering Science, Oxford University
Chinese lead partner: Professor Jinghai Li, Chinese Academy of Science (CAS), Institute of Process Engineering

Structural studies and utilisation of Chinese plant products to improve food quality
£12,680
UK lead partner: Professor Nazlin Howell, Biomedical and Molecular Sciences, University of Surrey
Chinese lead partner: Professor Xiangyang Lu, Hunan Agricultural University, Changsha

White Rose-China Collaboration in Biomaterials and Tissue Engineering
£25,000
UK lead partner: Professor Eileen Ingham, Faculty of Biological Sciences, University of Leeds
Chinese lead partner: Professor J N Wang, College of Medicine and College of Materials Science & Chemical Engineering. Zhejing University

S-PULSE (Southampton-Peking Universities Life Science Exchange)
£21,600
UK lead partner: Professor David Shepherd, School of Biological Sciences, University of Southampton
Chinese lead partner: Professor Hongya Gu, College of Life Sciences, Peking University

Exploiting wheat genetic diversity for improved diet and health
£21,600
UK lead partner: Professor Peter Shewry, Rothamsted Research
Chinese lead partner: Professor Zhonghu He, National Wheat Improvement Centre, Institute of Crop Science, Chinese Academy of Agricultural Sciences (CAAS)

Natural products as multi-component stress tolerance effectors
£21,500
UK lead partner: Dr Alan Tunnacliffe, Institute of Biotechnology, University of Cambridge
Chinese lead partner: Dr Zebo Huang, College of Pharmacy, Wuhan University

UK-China TILLING Platform: a reverse genetics tool for cereal gene function analysis
£20,640
UK lead partner: Dr Trevor Wang, Metabolic Biology, John Innes Centre
Chinese lead partner: Professor Chun-ming Liu, Centre for Signal Transduction and Metabolomics (C-STM), Institute of Botany Chinese Academy of Sciences (IB-CAS)

2004 Call

Genomic and Post-genomics of *Salmonella* and *Mycobacterium* as paradigms of intracellular pathogens
£25,000
UK lead partner: Professor Paul Barrow, Head of Avian Enterics Research Group, Institute for Animal Health (IAH),
Chinese lead partner: Professor Deming Zhao, Associate Dean, College of Veterinary Medicine, Chinese Agricultural University (CAU)

Intelligent optimisation of metabolome technology
£24,650
UK lead partner: Professor Douglas Kell, Department of Chemistry, University of Manchester
Chinese lead partner: Dr Yizeng Liang, College of Chemistry and Chemical Engineering, Central South University, Changsha, Hunan province

To exploit natural and induced genetic variation in *Brassica*.
£10,800
UK lead partner: Professor Graham King, Crop Performance & Improvement, Rothamsted Research
Chinese lead partner: Professor Jinling Meng, National Key Laboratory of Crop Genetic Improvement, Huazhong Agricultural University, Wuhan

Molecular technologies for sustainable disease control in oilseed crops
£24,500
UK lead partner: Dr Alastair McCartney, Department of Plant Pathogen Interactions, Rothamsted Research
Chinese lead partner: Professor Boacheng Hu, Crops Research Institute, Anhui Academy of Agricultural Science

Bioremediation and Bioavailability: developing collaborative research programmes for treatment of contaminated soil
£24,900
UK lead partner: Dr Ian Singleton, School of Biology, University of Newcastle
Chinese lead partner: Dr Yong-Guan Zhu, Research Centre for Eco-environmental Sciences, Chinese Academy of Sciences, Beijing

Development of a unifying technology for enantioselective and regioselective biocatalysis
£15,100
UK lead partner: Dr Thomas Smith, Sheffield Hallam University
Chinese lead partner: Professor Min-Hua Zong, Department of Biotechnology, South China University of Technology, Guangzhou

Exploring Synergies to Advance Plant Science
£5,000
UK lead partner: Professor Brendan Davies, Centre for Plant Sciences, University of Leeds
Chinese lead partner: Professor Rong Xiang-Fang, Institute of Microbiology, Chinese Academy of Sciencess

Foot-and-mouth disease and other OIE list A diseases in large domestic animals and their impacts
£21,000
UK lead partner: Dr Zhidong Zhang, FMD Pathogenesis Group, Institute for Animal Health, (IAH)
Chinese lead partner: Professor Xuepeng Cai, Virology Department, Lanzhou Veterinary Research Institute

2003 Call

UK/China collaboration: Molecular chaperones and protein folding catalysts
£24,000
UK lead partner: Professor Robert Freedman, Biological Sciences, University of Warwick
Chinese lead partner: Professor Zhizhen Wang, National Laboratory of Biomacromolecules, Institute of Biophysics, Academia Sinica, Beijing.

Structural Biology Partnership
£25,000
UK lead partner: Professor Neil Isaacs, Department of Chemistry, University of Glasgow
Chinese lead partner: Professor Zihe Rao, CAS Institute of Biophysics, Beijing

Developing links between plant science research groups in Glasgow University and China
£25,000
UK lead partner: Professor Gareth Jenkins, Institute of Biomedical and Life Sciences, University of Glasgow
Chinese lead partner: Professor Ping Wu, State Key Laboratory of Plant Physiology and Biochemistry, Zhejiang University

UK-China collaborative research in plant science
£24,900
UK lead partner: Professor Steven Neill, Centre for Research in Plant Science (CRIPS), University of the West of England
Chinese lead partner: Professor Weiming Cai, Laboratory of Environmental Biology and Molecular Ecology, Shanghai Institute of Plant Physiology and Ecology

Genomics and post-genomics of *Eimeria*: development of novel vaccines against poultry coccidiosis
£25,000
UK lead partner: Professor Martin Shirley, Molecular Parasitology Department, Institute for Animal Health (IAH)
Chinese lead partner: Dr Jianping Cai, Parasitology Laboratory of the Institute of Veterinary Medicine, Guangdong Academy of Agricultural Sciences (GAAS)

Cambridge-Shanghai-Hangzhou partnership in plant sciences
£25,000
UK lead partner: Dr Alison Smith, Plant Sciences, University of Cambridge
Chinese lead partner: Dr Da Luo, School of Life Sciences and Biotechnology, Shanghai Jiao Tong University

Soil carbon sequestration in China under climate change after the Kyoto Protocol
£24,820
UK lead partner: Dr Pete Smith, School of Biological Sciences (Plant and Soil), University of Aberdeen
Chinese lead partner: Dr Shougong Zhang, Institute of Forestry, Chinese Academy of Forestry.

A UK-China partnership in predictive biology as applied to fungal systems
£21,070
UK lead partner: Professor Michael Tuite, School of Biosciences, University of Kent
Chinese lead partner: Professor Po Tien, Open Laboratory of Virology and Biotechnology, The Institute of Microbiology, Chinese Acadamy of Sciences

Collaborative Sino-UK synchrotron radiation circular dichroism spectroscopy studies and international SRCD workshop
£24,800
UK lead partner: Professor Bonnie Wallace, Department of Crystallography, University of London
Chinese lead partner: Dr Ye Tao, VUV Spectroscopy Dept., Beijing Synchrotron Radiation Facility