



India Partnering Awards

BBSRC's support for facilitating international collaboration with India

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.

The India Partnering Awards have been implemented by BBSRC to specifically support UK-India collaborative activity.

The awards provide resources to leading BBSRC-supported research groups, to embark on forging long-term relationships with Indian scientists in areas of research that are of direct relevance to BBSRC's current scientific strategy.

The first annual call for the India Partnering Awards Scheme was announced by BBSRC in 2006. 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 Indian equivalents. Since 2010, BBSRC has funded 20 India Partnering Awards with a financial contribution of over £500K. 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. However, priority is given to the exchange of young researchers and for visits to access facilities.

We expect that the India Partnering Awards will lead to researchers submitting proposals to the responsive mode lines of BBSRC and to our partner organisations in India for joint research projects.

A list of awards that have been made by BBSRC since 2006 is shown below.

Contacts

Eligibility queries about the India Partnering Awards scheme should be addressed to:

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PREVIOUS AWARDS

2017 Call

India: Plant science for food security and nutrition

£30,000

UK Lead Partner: Professor Alison Baker, University of Leeds

Indian Lead Partner: Rajeev Varshney, ICRISAT India

2016 Call

Understanding the emergence of variant infectious bronchitis virus in chickens in UK and India: shared control strategies

£34,650

UK Lead Partner: Professor Matthew Baylis, University of Liverpool

Indian Lead Partner: Gowthaman Vasudevan, Tamil Nadu Veterinary and Animal Sci Uni

India partnering award: Sustainable data archiving and dissemination strategy to support data driven biology

£29,953

UK Lead Partner: Dr Sameer Velankar, EMBL - European Bioinformatics Institute

Indian Lead Partner: Debasis Mohanty, National Institute of Immunology India. Manju Bansal, Indian Institute of Science.

Partnership to develop compartmentalisation technology

£30,000

UK Lead Partner: Professor Martin Warren, University of Kent

Indian Lead Partner: Annama Anil, Institute of chemical technology

Studying circuit function and behaviour in Drosophila following disruptions in developmental remodeling

£19,825

UK Lead Partner: Dr Darren Williams, King's College London

Indian Lead Partner: Sanjay Sane, National Centre for Biological Sciences

2015 Call

No India Partnering Awards were made during this period.

2014 Call

India Partnering Award: Health and welfare consequences of maladaptation of high-producing cross-bred dairy cattle to environmental stressors in India

£29,300

UK lead partner: John Tarlton, University of Bristol

Indian lead partner: T Sethumadhavan, Kerala Veterinary and Animal Sciences University

2013 Call

Post-transcriptional control of adult stem cell pluripotency

£17,750

UK lead partner: Aziz Aboobaker, Zoology, University of Oxford

Indian lead partner: Dasaradhi Palakodeti, Research, inStem (Institute for Stem Cell

Biology)

India Partnering Award: Collaboration on Diagnosis of Emerging Viruses (CoDEV)

£27,079

UK lead partner: Janet Daly, School of Veterinary Medicine and Science, University of Nottingham

Indian lead partner: K. Kumanan, Tamil Nadu Veterinary and Animal Sciences University

TRansnational Industial Biotechnology: UTilization of Extremophiles through academic- industry Partnership (TRIBUTE)

£29,600

UK lead partner: Joseph Gallagher, IBERS, Aberystwyth University

Indian lead partner: Anil Puniya, Dairy Microbiology Division, National Dairy Research Institute

India Partnering Award: Development and application of lactic acid bacteria as designer probiotics

£25,000

UK lead partner: Arjan Narbad, Gut Health and Food Safety, Institute of Food Research

Indian lead partner: Ramachandra Gadre, Biochemical Engineering Group, CSIR- National Chemical Laboratory

Improving wheat as a source of essential micronutrients

£30,000

UK lead partner: Peter Shewry, Plant Biology & Crop Science, Rothamsted Research

Indian lead partner: Anju Singh, Indian Agricultural Research Institute, Division of Genetics

India Partnership to Apply Advanced Genetic Tools to Combat Disease Resistance

£30,000

UK lead partner: Christopher Whitelaw, The Roslin Institute, University of Edinburgh

Indian lead partner: Satish Kumar, Centre for Cellular & Molecular Biology

2012 Call

India- United Kingdom Bioinformatics Network

£25,000

UK lead partner: Jan Kim, Department of Bioinformatics, The Pirbright Institute

Indian lead partner: Rajendra Joshi, Centre for Development of Advanced Computing, Mumbai

Assessing the impact of foot-and-mouth vaccination programs

£24,000

UK lead partner: Richard Reeve, Institute of Biodiversity, Animal Health and Comparative Medicine, University of Glasgow

Indian lead partner: Gunaseelan Lakshmanasami, Madras Veterinary College, Tamil Nadu Veterinary and Animal Science University

2011 Call

India - Transfer of regulatory genes from Arabidopsis to Indian mustard for drought tolerance and yield increase

£23,508

UK lead partner: Philip Mullineaux, Department of Biological Sciences, University of

Essex
Indian lead partner: Neera Sarin, Jawaharlal Nehru University

India-UK Development of Metabolic Models to Support Systems Biology Approaches to Bioenergy Research

£24,575

UK lead partner: David Fell, Faculty of Health and Life Sciences, Oxford Brookes University

Indian lead partner: Syed Yazdani, International Centre for Genetic Engineering and Biotechnology (New Delhi); K Mukherjee, School of Biotechnology, Jawaharlal Nehru University

Towards process development of bacterial strains able to convert renewables into biofuels and other useful chemical commodities

£27,000

UK lead partner: Nigel Minton, School of Molecular Medical Sciences, University of Nottingham

Indian lead partner: Kirstin Eley, Research & Development Department, TMO Renewables Ltd

UK-India Partnership for the control of FMD and PPR

£25,000

UK lead partner: Satya Parida, Department of Livestock Infectious Diseases, The Pirbright Institute

Indian lead partner: B Pattnaik, Project Directorate, FMD, Indian Council of Agricultural Research; Muthu Chelvan, Department of Virology, Indian Veterinary Research Institute; R.K. Singh, Joint Director of VTCC at Hisar

India Partnership: Studying diverse growth dynamics in leaves

£18,000

UK lead partner: Enrico Coen, Department of Cell and Development Biology, John Innes Centre

Indian lead partner: Utpal Nath, Department of Microbiology and Cell Biology, Indian Institute of Science

2010 Call

Strategic Partnership in Skeletal Muscle Biology

£24,970

UK lead partner: Robert Knight, Randall Division of Cell and Molecular Biophysics, King's College London

Indian lead partner: Jyotsna Dhawan, Stem Cell Department, National Centre for Biological Sciences

2009 Call

Developing a UK-Indian strategic alliance to target a UK-Indian problem: *Salmonella* infection

£24,100

UK lead partner: Gary Rowley, School of Biological Sciences, University of East Anglia

Indian lead partner: Dipshikha Chakravorty, Centre for Infectious Diseases Research (CIDR), Department of Microbiology and Cell Biology (MCB), Indian

Integrating experimental and modelling approaches to understand and predict greenhouse gas emissions

£23,920

UK lead partner: Liz Baggs, Institute of Biological and Environmental Sciences, University of Aberdeen

Indian lead partner: T.K. Adhya, Director, Central Rice Research Institute (CRRI)

India link project for molecular epidemiology studies and orbivirus reference collection

£25,000

UK lead partner: Peter Mertens, Vector Borne Disease Programme, The Pirbright Institute

Indian lead partners: Gaya Prasad, Department of Animal Biotechnology, CCS Haryana Agricultural University, B. Mondal, Indian Veterinary Research Institute (IVRI), D Sreenivasulu, Department of Microbiology, College of Veterinary Science

Food-Related Health Inequalities in Indian Populations in the UK and India

£23,500

UK lead partner: Clare Mills, Department of Food Structure and Health, Institute of Food Research

Indian lead partner: Darshan Punia, Department of Food and Nutrition, CCS Haryana Agricultural University

2008 Call

A molecular epidemiological approach to combat footrot, an endemic disease of sheep, host and pathogen perspectives from India and GB

£16,400

UK lead partner: Laura Green, Biological Sciences, University of Warwick

Indian lead partner: Shakil Ahmad Wani, Division of Veterinary Microbiology & Immunity, University of Agricultural Sciences & Technology, Jammu and Kashmir

To establish a strategic alliance with India to combat emerging viral diseases of global importance

£24,840

UK lead partner: Kin-Chow Chang, Division of Veterinary medicine, School of Veterinary Medicine and Science, University of Nottingham

Indian lead partners: D. Sreenivasulu, Department of Microbiology, College of Veterinary Science, Andhra Pradesh; N. Dorarirajan, Department of Veterinary Microbiology, Veterinary College and Research Institute, Tamil Nadu; S.V. Kuchipudi, Assistant professor, Department of Veterinary Microbiology, S.V. Veterinary University, Andhra Pradesh

Predictive modeling of the rice (*Oryza sativa*) metabolic network

£25,000

UK lead partner: David Andrew Fell, School of Life Sciences, Oxford Brookes University

Indian lead partners: Sudip Kundu, Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, West Bengal; Swapan K Datta, Rash Behari Ghosh, Department of Botany, University of Calcutta,

West Bengal

UK-India partnership on Marek's disease and RNA interference to control avian viral diseases

£24,400

UK lead partner: Venugopal Nair, Department of Microbiology, The Pirbright Institute
Indian lead partner: K Kumanan, Department of Animal Biotechnology, Madras Veterinary College

2007 Call

Development of specific microbial consortia for the improvement of renewable bioenergy products

£25,000

UK lead partner: Phil Hobbs, Institute of Grassland and Environmental Research (IGER), North Wyke, Devon
Indian lead partners: S. Shivaji, Centre for Cellular and Molecular Biology, Hyderabad; R. S. Prakasam, Indian Institute of Chemical Technology, Hyderabad

Control of coccidiosis: *Eimeria brunetti*, a neglected but important pathogen of chickens

£25,000

UK lead partner: Fiona Tomley, The Pirbright Institute
Indian lead partners: M. Raman and Dhinakar Raj, Madras veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai

A systems biology approach to the annotation of *Mycobacterium* and *Salmonella* genomes

£24,760

UK lead partner: Michael Watson, The Pirbright Institute
Indian lead partner: Rajendra Joshi, Centre for Development of Advanced Computing, Pune University

2006 Call

Basic and strategic partnerships enhancing UK and Indian plant and crop science

£23,916

UK lead partner: Brendan Davies, Centre for Plant Sciences, University of Leeds
Indian lead partner: Various, in Delhi, Bangalore and Hyderabad

Anglo-Indian Immunoinformatics: Delivering *in silico* Vaccinology

£24,200

UK lead partner: Darren Flower, Nuffield Department of Medicine, University of Oxford
Indian lead partner: G P S Raghava, Institute of Microbial Technology, Chandigarh

Capacity Building in the Life Sciences: a Manchester- Bangalore Strategic Partnership

£23,740

UK lead partner: Stephen High, Faculty of Life Sciences, The University of Manchester
Indian lead partner: The Indian Institute of Science, Bangalore

Enhancing Brassica Oilseed Crop Improvement through Genomic Approaches

£23,675

UK lead partner: Graham King, Crop Performance and Improvement, Rothamsted Research
Indian lead partner: Deepak Pental, Vice Chancellor, University of Delhi

Developing novel inhibitors of *Mycobacteria tuberculosis* DNA topoisomerases

£14,600

UK lead partner: Tony Maxwell, Department of Biological Chemistry, John Innes Centre, Norwich
Indian lead partner: V. Nagaraja, Microbiology and Cell Biology Department, Indian Institute of Science, Bangalore

CCP4 Workshop on Protein Crystallography - Basic and Advanced Methods

£22,000

UK lead partner: Colin Nave, Synchrotron Radiation Department, CCLRC Daresbury
Indian lead partner: B. Gopal, Molecular Biophysics Unit, Indian Institute of Science, Bangalore

Integration of calcium and phosphoinositide signals in animal cells

£17,750

UK lead partner: Raghu Padinjat, Inositide Laboratory, Babraham Institute
Indian lead partner: Gaiti Hasan, National Centre for Biological Sciences, Bangalore

Organisation of the circadian clock in *Drosophila*: correlated responses to selection

£24,000

UK lead partner: Ezio Rosato, Department of Genetics, University of Leicester
Indian lead partner: Vijay Kumar, Evolutionary and Organismal Biology Unit, Jawaharal Nehru Centre for Advanced Scientific Research, Bangalore