

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
BB/J002631/1	The interplay of rodent behaviour and semiochemistry: from scientific principles to control strategies	Professor JL Hurst	University of Liverpool	Longer and Larger Grants (LoLas)
BB/J003557/1	Wheat Genomics for Sustainable Agriculture	Professor MW Bevan	John Innes Centre	Longer and Larger Grants (LoLas)
BB/K003240/2	Engineering Synthetic Microbial Communities for Biomethane Production	Professor O Soyer	University of Warwick	Longer and Larger Grants (LoLas)
BB/M018210/1	Developing platforms for the production of diterpenoids	Professor IA Graham	University of York	Industrial Biotechnology Catalyst (IBCAT)
BB/M018237/1	A Combinatorial Approach to Enhance Production of Monoclonal Antibodies	Professor R J White	University of York	Industrial Biotechnology Catalyst (IBCAT)
BB/M028992/1	Large scale lentiviral vector production	Dr M Pule	University College London	Industrial Biotechnology Catalyst (IBCAT)
BB/M028941/1	Chemo-enzymatic Production of Specialty Glycans	Professor B Linclau	University of Southampton	Industrial Biotechnology Catalyst (IBCAT)
BB/M029034/1	Glycoenzymes for Bioindustries	Professor S Flitsch	The University of Manchester	Industrial Biotechnology Catalyst (IBCAT)
BB/N01040X/1	DeTOX - Productive whole cell biocatalysis by engineering resistance to toxic products and substrates	Professor GH Thomas	University of York	Industrial Biotechnology Catalyst (IBCAT)
BB/N003608/1	Managing the Nitrogen economy of bacteria	Professor M Buck	Imperial College London	Longer and Larger Grants (LoLas)
BB/M018288/1	A new generation of E. coli expression hosts and tools for recombinant protein production	Professor C Robinson	University of Kent	Industrial Biotechnology Catalyst (IBCAT)
BB/N023455/1	MaxBio - Maximizing Conversion Yields in Biorefining	Professor C Halpin	University of Dundee	Industrial Biotechnology Catalyst (IBCAT)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
BB/N023773/1	ConBioChem: Continuous bio-production of commodity chemicals	Professor G Stephens	University of Nottingham	Industrial Biotechnology Catalyst (IBCAT)
BB/N023536/1	A Synthetic Biology Approach for the Total Biosynthesis of Semi-Synthetic Antibiotics	Professor J Micklefield	The University of Manchester	Industrial Biotechnology Catalyst (IBCAT)
BB/N02060X/1	IKnowFood: Integrating Knowledge for Food Systems Resilience	Professor B Doherty	University of York	Food System Resilience (FSRD)
BB/K002341/1	Exploiting natural product assembly line genomics and synthetic biology for discovery and optimisation of novel agrochemicals	Professor GL Challis	University of Warwick	Longer and Larger Grants (LoLas)
BB/K002465/1	Developing Rapid Responses to Emerging Virus Infections of Poultry (DRREVIP)	Dr MA Skinner	Imperial College London	Longer and Larger Grants (LoLas)
BB/K00283X/1	GASCHEM: Optimising industrial gas fermentation for commercial low-carbon fuel & chemical production through systems and synthetic biology approaches	Professor N Minton	University of Nottingham	Longer and Larger Grants (LoLas)
BB/K003097/1	Systems Biology analysis of biological timers and inflammation	Professor MRH White	The University of Manchester	Longer and Larger Grants (LoLas)
BB/K003356/1	A platform for rapid and precise DNA module rearrangements in Synthetic Biology	Professor M Stark	University of Glasgow	Longer and Larger Grants (LoLas)
BB/K003801/1	The Molecular Biology of FMDV Replication: Towards New Methods of FMDV Disease Control.	Professor MD Ryan	University of St Andrews	Longer and Larger Grants (LoLas)
BB/L001330/1	Understanding influenza A virus: linking transmission, evolutionary dynamics, pathogenesis and immunity in pigs	Dr B Charleston	The Pirbright Institute	Longer and Larger Grants (LoLas)
BB/L001489/1	Multiple Herbicide Resistance in Grass Weeds: from Genes to AgroEcosystems	Professor R Edwards	Newcastle University	Longer and Larger Grants (LoLas)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
BB/L001926/1	Learning from marine wood borers; enzymes and mechanisms of lignocellulose digestion	Professor S McQueen-Mason	University of York	Longer and Larger Grants (LoLas)
BB/L002124/1	BBSRC Renewable Industrial Products from Rapeseed (RIPR) Programme	Professor I Bancroft	University of York	Longer and Larger Grants (LoLas)
BB/L002817/1	A SPATIO-TEMPORAL MAP OF THE DEVELOPMENTAL FLY INTERACTOME	Professor S Hubbard	The University of Manchester	Longer and Larger Grants (LoLas)
BB/L002957/1	Algal oils by design: a new biotech platform for high-value lipids.	Professor S Purton	University College London	Longer and Larger Grants (LoLas)
BB/L01386X/1	BrisSynBio: Bristol Centre for Synthetic Biology	Professor DN Woolfson	University of Bristol	Synthetic Biology Research Centres (SBRC)
BB/L013940/1	SBRC NOTTINGHAM: Sustainable Routes to Platform Chemicals	Professor N Minton	University of Nottingham	Synthetic Biology Research Centres (SBRC)
BB/L014130/1	OpenPlant	Professor Sir D Baulcombe	University of Cambridge	Synthetic Biology Research Centres (SBRC)
BB/L018926/1	Social, Economic and Environmental Drivers of Zoonoses in Tanzania (SEEDZ)	Professor S Cleaveland	University of Glasgow	Zoonoses and Emerging Livestock Systems (ZELS)
BB/L018977/1	ETHICOBOTS (Ethiopia Control of Bovine Tuberculosis Strategies)	Professor J Wood	University of Cambridge	Zoonoses and Emerging Livestock Systems (ZELS)
BB/L019019/1	Zoonoses in Livestock in Kenya (ZooLINK)	Professor EM Fevre	University of Liverpool	Zoonoses and Emerging Livestock Systems (ZELS)
BB/M000265/1	Engineering new capacities for solar energy utilisation in bacteria	Krebs Professor of B N Hunter	University of Sheffield	Longer and Larger Grants (LoLas)
BB/M000354/1	Innovative Routes to Monoterpene Hydrocarbons and Their High Value Derivatives	Professor NS Scrutton	The University of Manchester	Longer and Larger Grants (LoLas)
BB/M002969/1	Development of supramolecular assemblies for enhancing cellular	Professor MJ Warren	University of Kent	Longer and Larger Grants (LoLas)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
	productivity and the synthesis of fine chemicals and biotherapeutics.			
BB/M00354X/1	Systems-level characterization of mammalian cell cycle transitions	Professor B Novak	University of Oxford	Longer and Larger Grants (LoLas)
BB/M003949/1	The BUG consortium Building Upon the Genome: using H. contortus genomic resources to develop novel interventions to control endemic GI parasites	Professor E Devaney	University of Glasgow	Longer and Larger Grants (LoLas)
BB/M017702/1	CENTRE FOR SYNTHETIC BIOLOGY OF FINE AND SPECIALITY CHEMICALS	Professor NS Scrutton	The University of Manchester	Synthetic Biology Research Centres (SBRC)
BB/M017982/1	Warwick Integrative Synthetic Biology Centre	Professor JEG McCarthy	University of Warwick	Synthetic Biology Research Centres (SBRC)
BB/M018040/1	SynthSys-Mammalian: Edinburgh Mammalian Synthetic Biology Research Centre	Professor SJ Rosser	University of Edinburgh	Synthetic Biology Research Centres (SBRC)
BB/N001591/1	Glycoengineering of Veterinary Vaccines	Professor B Wren	London Sch of Hygiene and Trop Medicine	Longer and Larger Grants (LoLas)
BB/N002628/1	Releasing natural variation in bread wheat by modulating meiotic crossovers	Professor K Edwards	University of Bristol	Longer and Larger Grants (LoLas)
BB/N013468/1	UK - China Virtual Joint Centre for Improved Nitrogen Agronomy (CINAG)	Dr T Misselbrook	Rothamsted Research	Newton Fund - Virtual Joint Centres with Brazil, China & India in Agricultural Nitrogen (NNF)
BB/N013484/1	N-CIRCLE: Virtual Joint Centre for Closed-Loop Cycling of Nitrogen in Chinese Agriculture	Professor P Smith	University of Aberdeen	Newton Fund - Virtual Joint Centres with Brazil, China & India in Agricultural Nitrogen (NNF)
BB/P001335/1	Architecture of a biofilm	Professor N Stanley-Wall	University of Dundee	Longer and Larger Grants (LoLas)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
BB/P003095/1	Brassica Rapeseed And Vegetable Optimisation	Professor L Ostergaard	John Innes Centre	Longer and Larger Grants (LoLas)
BB/P003117/1	Activation of Non-Photosynthetic Leaf Cells for Improved Productivity	Professor J Hibberd	University of Cambridge	Longer and Larger Grants (LoLas)
BB/P01738X/1	[16-FAPESP-BE] Lignin valorization in cellulosic ethanol plants: biocatalytic conversion via ferulic acid to high value chemicals	Professor TDH Bugg	University of Warwick	BBSRC-Brazil (FAPESP) joint funding of research
BB/P027784/1	GCRF-AFRICAP - Agricultural and Food-system Resilience: Increasing Capacity and Advising Policy	Professor TG Benton	University of Leeds	RC GCRF
BB/P027806/1	GCRF GlobalSeaweed* - Safeguarding the future of seaweed aquaculture in developing countries	Dr E Cottier-Cook	Scottish Association For Marine Science	RC GCRF
BB/P027849/1	Capacity building for bioinformatics in Latin America	Dr C E L Brooksbank	EMBL - European Bioinformatics Institute	RC GCRF
BB/P02789X/1	GCRF establishment of biopharmaceutical and animal vaccine production capacity in Thailand and neighbouring South East Asian countries	Professor C Robinson	University of Kent	RC GCRF
BB/P027954/1	GCRF: One Health Regional Network for the Horn of Africa (HORN)	Professor M Baylis	University of Liverpool	RC GCRF
BB/P027970/1	Transforming India's Green Revolution by Research and Empowerment for Sustainable food Supplies	Professor H Griffiths	University of Cambridge	RC GCRF
BB/P028098/1	Preserving, Restoring and Managing Colombian Biodiversity Through Responsible Innovation	Professor F Di Palma	Earlham Institute	RC GCRF
BB/R012415/1	National Biofilms Innovation Centre	Professor JS Webb	University of Southampton	UK Biofilms Programme Biofilms Innovation Centre (IKC)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
N/A	Epigenetics and cellular heterogeneity in development and ageing	Wolf Reik	Babraham Institute	Institute Strategic Programme Grant (ISPG)
N/A	Molecular mechanisms underpinning healthy ageing	Len Stephens	Babraham Institute	Institute Strategic Programme Grant (ISPG)
N/A	Molecular and Cellular Mechanisms of Host Defence and Immunosenescence	Martin Turner	Babraham Institute	Institute Strategic Programme Grant (ISPG)
N/A	Genomes to Food Security	Federica Di Palma	Earlham Institute	Core Strategic Programme Grant (CSPG)
N/A	Resilient Crops	Iain Donnison	IBERS	Core Strategic Programme Grant (CSPG)
N/A	Genes In The Environment	Lars Østergaard	John Innes Centre	Institute Strategic Programme Grant (ISPG)
N/A	Molecules from Nature	Alison Smith	John Innes Centre	Institute Strategic Programme Grant (ISPG)
N/A	Plant Health	Richard Morris	John Innes Centre	Institute Strategic Programme Grant (ISPG)
N/A	Designing Future Wheat	Graham Moore	John Innes Centre	Institute Strategic Programme Grant (ISPG)
N/A	Blueprints for Healthy Animals	Mick Watson	Roslin Institute	Institute Strategic Programme Grant (ISPG)
N/A	Control of Infectious Diseases	David Gally	Roslin Institute	Institute Strategic Programme Grant (ISPG)
N/A	Improving Animal Production & Welfare	Simone Meddle	Roslin Institute	Institute Strategic Programme Grant (ISPG)
N/A	Tailoring Plant Metabolism for the Bioeconomy	Frederica Theodoulou	Rothamsted Research	Institute Strategic Programme Grant (ISPG)

Summary of current BBSRC awards greater than £2M on 01 May 2018

Grant Reference	Title	PI Name	Lead Research Organisation*	Grant/Award type
N/A	Soil to Nutrition (Optimising Nutrient Flow)	Michael Lee	Rothamsted Research	Institute Strategic Programme Grant (ISPG)
N/A	Achieving Sustainable Agricultural Systems (ASSIST)	Jon Storkey	Rothamsted Research	Institute Strategic Programme Grant (ISPG)
N/A	Enhanced host responses for disease control	John Hammond	The Pirbright Institute	Institute Strategic Programme Grant (ISPG)
N/A	Understanding and preventing viral diseases	Tobias Tuthill	The Pirbright Institute	Institute Strategic Programme Grant (ISPG)
N/A	Smart Crop Protection	Paul Neve	Rothamsted Research	Research grant (ISCF)

Project summaries are available on [Gateway to Research](#) for the majority of grants

* Awards may involve collaboration between researchers based in different Research Organisations, only the lead organisation is shown