

Summary of current UKRI-BBSRC awards greater than £2M on 05 May 2020

| Grant Reference | Title | Lead Research Organisation* | Award type or funding scheme |
|------------------------|---|---|--|
| BB/M018210/1 | Developing platforms for the production of diterpenoids (TSB application reference 43970-304155) | University of York | Industrial Biotechnology Catalyst (IBCAT) |
| BB/M018237/1 | A Combinatorial Approach to Enhance Production of Monoclonal Antibodies | University of York | Industrial Biotechnology Catalyst (IBCAT) |
| BB/M029034/1 | Glycoenzymes for Bioindustries | The University of Manchester | Industrial Biotechnology Catalyst (IBCAT) |
| BB/N01040X/1 | DeTOX - Productive whole cell biocatalysis by engineering resistance to toxic products and substrates | University of York | Industrial Biotechnology Catalyst (IBCAT) |
| BB/N003608/1 | Managing the Nitrogen economy of bacteria | Imperial College London | Longer and Larger Grants (LoLas) |
| BB/N001591/1 | Glycoengineering of Veterinary Vaccines | London Sch of Hygiene and Trop Medicine | Longer and Larger Grants (LoLas) |
| BB/S011269/1 | GCRF One Health Poultry Hub | Royal Veterinary College | GCRF Interdisciplinary Research Hubs (GCRF IRH) |
| BB/L013940/1 | SBRC NOTTINGHAM: Sustainable Routes to Platform Chemicals | University of Nottingham | Synthetic Biology Research Centres (SBRC) |
| BB/L01386X/1 | BrisSynBio: Bristol Centre for Synthetic Biology | University of Bristol | Synthetic Biology Research Centres (SBRC) |
| BB/R012415/1 | National Biofilms Innovation Centre | University of Southampton | UK Biofilms Programme Biofilms Innovation Centre (IKC) |
| BB/L014130/1 | OpenPlant | University of Cambridge | Synthetic Biology Research Centres (SBRC) |
| BB/M018040/1 | SynthSys-Mammalian: Edinburgh Mammalian Synthetic Biology Research Centre | University of Edinburgh | Synthetic Biology Research Centres (SBRC) |
| BB/M017982/1 | Warwick Integrative Synthetic Biology Centre | University of Warwick | Synthetic Biology Research Centres (SBRC) |
| BB/M017702/1 | CENTRE FOR SYNTHETIC BIOLOGY OF FINE AND SPECIALITY CHEMICALS | The University of Manchester | Synthetic Biology Research Centres (SBRC) |

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|------------------------|--|--|--|
| BB/P027784/1 | GCRF-AFRICAP - Agricultural and Food-system Resilience: Increasing Capacity and Advising Policy | University of Leeds | RC GCRF |
| BB/P027954/1 | GCRF: One Health Regional Network for the Horn of Africa (HORN) | University of Liverpool | RC GCRF |
| BB/P027970/1 | Transforming India's Green Revolution by Research and Empowerment for Sustainable food Supplies | University of Cambridge | RC GCRF |
| BB/P027806/1 | GCRF GlobalSeaweed* - Safeguarding the future of seaweed aquaculture in developing countries | Scottish Association For Marine Science | RC GCRF |
| BB/P028098/1 | Preserving, Restoring and Managing Colombian Biodiversity Through Responsible Innovation | Earlham Institute | RC GCRF |
| BBS/OS/CP/000001 | BBSRC Strategic Programme in Smart Crop Protection | Rothamsted Research | Industrial Strategy Challenge Fund (ISCF) |
| BB/P02789X/1 | GCRF establishment of biopharmaceutical and animal vaccine production capacity in Thailand and neighbouring South East Asian countries | University of Kent | RC GCRF |
| BB/P027849/1 | Capacity building for bioinformatics in Latin America | EMBL - European Bioinformatics Institute | RC GCRF |
| BB/L019019/1 | Zoonoses in Livestock in Kenya (ZooLINK) | University of Liverpool | Zoonoses and Emerging Livestock Systems (ZELS) |
| BB/T004363/1 | CEPAMS Newton Fund: Sino-UK excellence with impact on the Sustainable Development Goals | John Innes Centre | Newton Fund Open Call (NF) |
| BB/T000627/1 | How do RNA-binding proteins control splice site selection? | University of Leicester | Longer and Larger Grants (LoLas) |
| BB/T001984/1 | Opportunities to modulate extracellular matrix secretion and assembly for long term health | The University of Manchester | Longer and Larger Grants (LoLas) |
| BB/P003095/1 | Brassica Rapeseed And Vegetable Optimisation | John Innes Centre | Longer and Larger Grants (LoLas) |
| BB/M002969/1 | Development of supramolecular assemblies for enhancing cellular productivity and the synthesis of fine chemicals and biotherapeutics. | University of Kent | Longer and Larger Grants (LoLas) |
| BB/M000265/1 | Engineering new capacities for solar energy utilisation in bacteria | University of Sheffield | Longer and Larger Grants (LoLas) |

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|------------------------|--|------------------------------------|---|
| BB/T002182/1 | What determines protein abundance in plants? | Rothamsted Research | 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 | University of Glasgow | Longer and Larger Grants (LoLas) |
| BB/N002628/1 | Releasing natural variation in bread wheat by modulating meiotic crossovers | University of Bristol | Longer and Larger Grants (LoLas) |
| BB/P003117/1 | Activation of Non-Photosynthetic Leaf Cells for Improved Productivity | University of Cambridge | Longer and Larger Grants (LoLas) |
| BB/T002212/1 | Mapping antibody class switch mechanisms and function | King's College London | Longer and Larger Grants (LoLas) |
| BB/P001335/1 | Architecture of a biofilm | University of Dundee | 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 | University of Warwick | BBSRC-Brazil (FAPESP) joint funding of research |
| BBS/E/I/00007037 | High Containment | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/I/00007038 | Low Containment | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/I/00007039 | Science Services | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/D/10002071 | The function of genes and cellular phenotypes in animal systems | University of Edinburgh | Institute core project (CSG) |
| BBS/E/D/20002173 | Pathogen diversity, host specificity and virulence | University of Edinburgh | Institute core project (CSG) |
| BBS/E/B/000C0427 | Immune homeostasis and the immune response | Babraham Institute | Institute core project (CSG) |
| BBS/E/J/000PR9788 | Phenotypic Plasticity in Response to Environmental Challenges | John Innes Centre | Institute core project (CSG) |
| BBS/E/T/000PR9818 | Signatures of Domestication and Adaptation | Earlham Institute | Institute core project (CSG) |
| BBS/E/J/000PR9787 | Organogenesis and Plant Architecture | John Innes Centre | Institute core project (CSG) |
| BBS/E/J/000PR9773 | Genome and Epigenome | John Innes Centre | Institute core project (CSG) |
| BBS/E/T/000PR9783 | Data access and analysis | Earlham Institute | Institute core project (CSG) |
| BBS/E/C/000I0220 | DFW - Designing Future Wheat - Work package 1 (WP1) - Increased efficiency and sustainability | Rothamsted Research | Institute core project (CSG) |
| BBS/E/J/000PR9790 | Products and Pathways | John Innes Centre | Institute core project (CSG) |

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|------------------------|--|------------------------------------|-------------------------------------|
| BBS/E/B/000C0434 | How autophagy and related processes are coordinated and important in adaption to changed nutrient availability and cell damage | Babraham Institute | Institute core project (CSG) |
| BBS/E/J/000PR9796 | Response | John Innes Centre | Institute core project (CSG) |
| BBS/E/C/000I0420 | TPM - Tailoring Plant Metabolism - Work package 1 (WP1) - High value lipids for health and industry | Rothamsted Research | Institute core project (CSG) |
| BBS/E/B/000C0428 | Develop a mechanistic understanding of how transcriptional and posttranscriptional regulation of gene expression is coordinated by signal transduction pathways. | Babraham Institute | Institute core project (CSG) |
| BBS/E/C/000I0310 | S2N - Soil to Nutrition - Work package 1 (WP1) - Optimising nutrient flows and pools in the soil-plant-biota system | Rothamsted Research | Institute core project (CSG) |
| BBS/E/B/000C0432 | How changes in nutrient availability are sensed and shape metabolism and growth | Babraham Institute | Institute core project (CSG) |
| BBS/E/C/000I0250 | DFW - Designing Future Wheat - Work package 2 (WP2) - Added value and resilience | Rothamsted Research | Institute core project (CSG) |
| BBS/E/J/000PR9791 | Biological Context | John Innes Centre | Institute core project (CSG) |
| BBS/E/T/000PR9816 | Supporting EI's ISPs and the UK Community with Genomics and Single Cell Analysis | Earlham Institute | Institute core project (CSG) |
| BBS/E/I/00007031 | Recognition and control of virus infections | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/J/000PR9797 | Susceptibility | John Innes Centre | Institute core project (CSG) |
| BBS/E/I/00007034 | Molecular and Systems Virology | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/I/00007030 | Disease Pathogenesis | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/T/000PR9819 | Regulatory interactions and Complex Phenotypes | Earlham Institute | Institute core project (CSG) |
| BBS/E/J/000PR9780 | Added value and resilience | John Innes Centre | Institute core project (CSG) |
| BBS/E/J/000PR9781 | Germplasm | John Innes Centre | Institute core project (CSG) |
| BBS/E/B/000C0431 | How neutrophils detect and resolve infection and how this deteriorates with age | Babraham Institute | Institute core project (CSG) |
| BBS/E/B/000C0425 | To study and manipulate heterogeneous epigenetic states that operate during ageing | Babraham Institute | Institute core project (CSG) |
| BBS/E/D/30002276 | Complex phenotypes and genotype x environment interactions | University of Edinburgh | Institute core project (CSG) |

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| BBS/E/C/000I0410 | TPM - Tailoring Plant Metabolism - Work package 2 (WP2) - Designer Willows: high value phenolic glycosides for health and industry | Rothamsted Research | Institute core project (CSG) |
| BBS/E/F/000PR10355 | Changes in gut microbe-host interactions and their impact beyond the gut | Quadram Institute Bioscience | Institute core project (CSG) |
| BBS/E/C/000I0320 | S2N - Soil to Nutrition - Work package 2 (WP2) - Adaptive management systems for improved efficiency and nutritional quality | Rothamsted Research | Institute core project (CSG) |
| BBS/E/W/0012843D | BBSRC Core Strategic Programme in Resilient Crops: Grasslands Gogerddan | Aberystwyth University | Institute core project (CSG) |
| BBS/E/J/000PR9795 | Recognition | John Innes Centre | Institute core project (CSG) |
| BBS/E/I/00007036 | Transmission and Epidemiology | The Pirbright Institute | Institute core project (CSG) |
| BBS/E/F/000PR10349 | Microbial Survival in the Food Chain | Quadram Institute Bioscience | Institute core project (CSG) |
| BBS/E/J/000PR9779 | Increased efficiency and sustainability | John Innes Centre | Institute core project (CSG) |
| BBS/E/B/000C0421 | To study epigenetic mechanisms regulating lineage commitment and cell potency | Babraham Institute | Institute core project (CSG) |

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

* Awards may involve collaboration between researchers based in different Research Organisations or awards transferred between Research Organisations. Only the lead organisation is shown.