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# Exploring the breadth of impacts arising from MRC-funded research

**Annex 1: Acknowledgments and Methodology**  
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# Annex 1: Acknowledgments and Methodology

## Acknowledgments

This report was compiled by Buddhini Samarasinghe and Katherine Pitrolino. We gratefully acknowledge discussion and helpful edits from Ian Viney and Emily Gale, and the analysis of collaboration data and graphics are provided with support from Emily Stevens.

## Methodology

REF2021 received ~7000 impact case studies from 157 institutions. A combination of data mining, manual selection and an internal scoring system was used to provide a review of MRC involvement. This returned a set of 60 exemplar MRC associated case studies which are analysed in this report.

Data mining techniques using Alteryx software were used to identify REF2021 Impact Case Studies (ICS) related to funding from the Medical Research Council (MRC). This involved searching the ICS text and the additional information form for reference to MRC by name and grid identifier, and cross referencing with known MRC grants and facilities. There was also a search for any DOI's mentioned as part of the ICS underpinning research that were associated with MRC funding by cross referencing with published papers recorded in ResearchFish®, Dimensions and bibliometric databases such as Scopus. This exercise returned over 700 ICS that referred to MRC either by name, a grant reference, a MRC large investment or referenced a publication associated to MRC funding.

While this technique is likely to have identified many and probably the majority of impact case studies in which knowledge arising from MRC funding made a contribution, it may have missed some and has included others for which the MRC link is very limited. Manual sorting of this data by the Evaluation and Analysis Team (EAT) returned 576 records that were clearly dependent on MRC funding and excluded 206 records that either did not have an MRC connection or the connection was not deemed strong enough to influence the research or the impact claimed in the case study. After duplicate case studies (identical ICS submitted multiple times for different UoAs) were removed the final set of ICS referencing MRC totalled 569.

To provide an example of MRC involvement, a set of 60 MRC linked case studies were manually selected by Katherine Pitrolino (KP) and Buddhini Samarasinghe (BS) to include in the analysis in this report; 35 of those were integrated into summaries of impact and MRC involvement. Since REF2021 involved a process of expert review the results of this review were utilised, in part, to select the set of case studies.

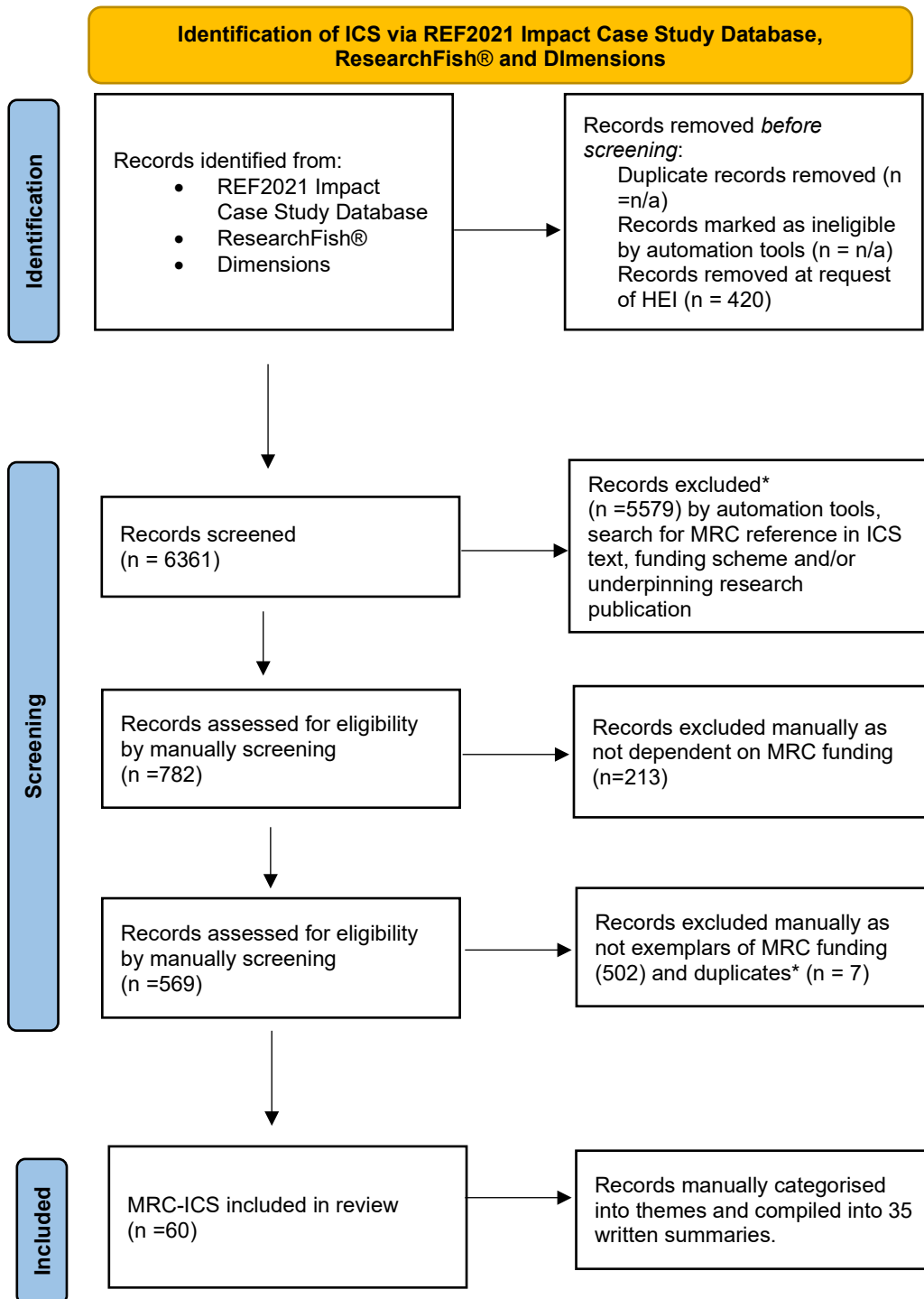
The expert review involved a scoring system based on the reach and significance of the impact which is defined by REF and detailed in table 1S below. Impact “reach” was defined as “the extent and/ or diversity of the beneficiaries of the impact, e.g., constituencies, numbers of groups, as relevant to the nature of the impact.” Impact “significance” was defined as “the degree to which impact has enabled, enriched, influenced, informed or changed the performance, policies, practices, products, services, understanding, awareness or wellbeing of the beneficiaries.” The scores (1-4\*) for each individual case study are not made public; however, the case studies from a HEI are combined to generate a REF2021 ICS UoA impact score. For this analysis, case studies from HEIs scoring higher than 90 % 4\* were included from MRC relevant<sup>1</sup> Units of Assessment (i.e. UoA's 1-6, 8, 9,10, 24), all ICS were included from the remaining UoA's and other exemplar ICS were also added to the report.

**Table 1S: Definition of Scoring Classification System for REF2021**

REF2021 Score	Description
<b>4*</b>	<b>Outstanding</b> impacts in terms of reach and significance
<b>3*</b>	<b>Very considerable</b> impacts in terms of their reach and significance
<b>2*</b>	<b>Considerable</b> in terms of their reach and significance
<b>1*</b>	<b>Recognised but modest</b> impacts in terms of their reach and significance
<b>Unclassified</b>	The impact is of little or no reach and significance; or the impact was not eligible; or the impact was not underpinned by excellent research produced by the submitted unit.

<sup>1</sup> MRC relevant UoA were defined as those containing over 5 % MRC linked ICS as returned from automatic data mining, see table 3S.

**Table 2S: Screening Method for Identification of MRC linked REF2021 Impact Case studies**



\*There was duplication of records as some HEI's had submitted the same ICS in different UoA's. This was within the REF submission criteria, but these records were removed from our sample.

From: Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. *BMJ* 2021;372:n71. doi: 10.1136/bmj.n71 For more information, visit: <http://www.prisma-statement.org/>

**Table 3S: List of Included UoA's for MRC linked REF2021 Impact Case Studies**

Main panel	UoA No.	UoA Name	Count of impact case studies	MRC linked	%
A	2	Public Health, Health Services and Primary Care	151	99	66%
A	1	Clinical Medicine	254	151	59%
A	5	Biological Sciences	192	62	32%
A	4	Psychology, Psychiatry and Neuroscience	326	75	23%
A	3	Allied Health Professions, Dentistry, Nursing and Pharmacy	393	71	18%
B	10	Mathematical Sciences	176	19	11%
B	8	Chemistry	113	11	10%
A	6	Agriculture, Food and Veterinary Sciences	103	9	9%
C	24	Sport and Exercise Sciences, Leisure and Tourism	160	11	7%
B	9	Physics	169	9	5%
C	20	<b>Social Work and Social Policy</b>	222	10	5%
B	7	Earth Systems and Environmental Sciences	148	5	3%
B	12	<b>Engineering</b>	391	11	3%
D	30	Philosophy	85	2	2%
C	16	Economics and Econometrics	88	2	2%
C	14	<b>Geography and Environmental Studies</b>	180	4	2%
B	11	<b>Computer Science and Informatics</b>	271	5	2%
C	13	<b>Architecture, Built Environment and Planning</b>	127	2	2%
C	17	Business and Management Studies	504	7	1%
D	34	Communication, Cultural and Media Studies, Library and Information Management	145	2	1%
C	22	Anthropology and Development Studies	77	1	1%
D	32	<b>Art and Design: History, Practice and Theory</b>	262	3	1%
C	21	Sociology	107	1	1%
C	23	Education	230	2	1%
C	18	Law	226	1	0%
D	27	English Language and Literature	273	1	0%
C	15	Archaeology	59		0%
C	19	Politics and International Studies	166		0%
D	25	Area Studies	57		0%
D	26	Modern Languages and Linguistics	154		0%
D	28	History	240		0%
D	29	Classics	48		0%
D	31	Theology and Religious Studies	68		0%
D	33	Music, Drama, Dance, Performing Arts, Film and Screen Studies	196		0%
			<b>6361</b>	<b>576*</b>	

\*This value includes duplicates which when removed gave a total of 569 ICS, text in bold indicates cross-discipline impacts included in this report.

**Table 4S: Details of case study summaries featured in this report including the combination of case studies submitted to multiple UoAs.**

No.	Title	Section	Units of Assessment (UoAs)	REF ICS(s)	Submitting Institutions
1	Development of effective communication tools has Improving mental healthcare	Cross-discipline impacts	<u>UoA11</u> : Computer Science and Informatics	<a href="#">1a</a>	Queen Mary University of London
2	Creating Step Changes in Cycling Policy and Infrastructure Planning across the UK	Cross-discipline impacts	<u>UoA13</u> : Architecture, Built Environment and Planning	<a href="#">2a</a>	The University of Westminster
3	Protecting human health from infectious diseases in low-resource settings	Cross-discipline impacts	<u>UoA14</u> : Geography and Environmental Studies	<a href="#">3a</a>	University of Brighton
4	Development of applied cell engineering in knee joints: from the bench to a NICE-approved treatment for early osteoarthritis	Cross-discipline impacts	<u>UoA12</u> : Engineering	<a href="#">4a</a>	University of Keele
5	Instantaneous Wave-free Ratio (iFR) for the Diagnosis of Coronary Heart Disease	Cross-discipline impacts	<u>UoA1</u> : Clinical Medicine  <u>UoA12</u> : Engineering	<a href="#">5a</a> <a href="#">5b</a>	Imperial College London
6	Harnessing the draw of professional sports clubs to deliver improvements in health and wellbeing among at-risk groups	Cross-discipline impacts	<u>UoA2</u> : Public Health, Health Services and Primary Care  <u>UoA20</u> : Social Work and Social Policy,  <u>UoA24</u> : Sport and Exercise Sciences, Leisure and Tourism	<a href="#">6a</a> <a href="#">6b</a> <a href="#">6c</a>	University of Glasgow  University of Edinburgh

7	HIV policy formulation and prevention: driving the decision for and implementation of publicly-funded pre-exposure prophylaxis in Scotland	Cross-discipline impacts	<u>UoA2: Public Health, Health Services and Primary Care</u>  <u>UoA20: Social Work and Social Policy</u>	<a href="#">7a</a> <a href="#">7b</a> <a href="#">7c</a>	University of Glasgow  University College London
8	The impact of user centred design on health, wealth and innovation culture	Cross-discipline impacts	<u>UoA32: Art and Design: History, Practice and Theory</u>	<a href="#">8a</a>	Cardiff Metropolitan University
9	Vaccination to reduce the global burden of invasive pneumococcal disease and pneumonia in communities	Infectious disease (including Covid-19)	<u>UoA1: Clinical Medicine</u>	<a href="#">9a</a>	London School of Hygiene and Tropical Medicine
10	RECOVERY Trial: Global adoption of effective COVID-19 treatments to save lives	Infectious disease (including Covid-19)	<u>UoA1: Clinical Medicine</u>  <u>UoA2: Public Health, Health Services and Primary Care</u>  <u>UoA10: Mathematical Sciences</u>	<a href="#">10a</a> <a href="#">10b</a> <a href="#">10c</a>	University of Oxford  University of Lancaster
11	The Oxford-AstraZeneca COVID-19 vaccine	Infectious disease (including Covid-19)	<u>UoA1: Clinical Medicine</u>	<a href="#">11a</a>	University of Oxford
12	Optimising Treatment Regimes to prevent deaths caused by Cryptococcal Meningitis in Developing Countries	Infectious disease (including Covid-19)	<u>UoA1: Clinical Medicine</u>	<a href="#">12a</a> <a href="#">12b</a>	St. George's Hospital Medical School  Liverpool School of Tropical Medicine
13	Better protection against influenza through national childhood vaccination programmes	Infectious disease (including Covid-19)	<u>UoA5: Biological Sciences</u>	<a href="#">13a</a>	University of Oxford
14	Real-time pathogen genome sequencing to inform outbreak response	Infectious disease (including Covid-19)	<u>UoA5: Biological Sciences</u> <u>UoA8: Chemistry</u>	<a href="#">14a</a> <a href="#">14b</a>	University of Birmingham  University of Oxford

15	Understanding the transmission and control of COVID-19	Infectious disease (including Covid-19)	UoA2: Public Health, Health Services and Primary Care  UoA10: Mathematical Sciences	<a href="#">15a</a> <a href="#">15b</a>	University of Oxford  Imperial College London
16	Establishing new worldwide standards of care for patients with advanced prostate cancer	Cancer	UoA1: Clinical Medicine  UoA2: Public Health, Health Services and Primary Care	<a href="#">16a</a> <a href="#">16b</a> <a href="#">16c</a> <a href="#">16d</a>	Institute of Cancer Research  University of Birmingham  University College London  Cardiff University
17	Evidence-based treatments for clinically localised prostate cancer: policy, practice, and health impacts of the ProtecT trial	Cancer	UoA1: Clinical Medicine  UoA2: Public Health, Health Services and Primary Care	<a href="#">17a</a> <a href="#">17b</a> <a href="#">17c</a> <a href="#">17d</a>	University of Oxford  University of Sheffield  University of Bristol
18	Delivering clinical and commercial impact through novel monoclonal antibody cancer treatments	Cancer	UoA1: Clinical Medicine	<a href="#">18a</a>	University of Southampton
19	The Friendship Bench for common mental health problems	Mental Health	UoA2: Public Health, Health Services and Primary Care  UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">19a</a> <a href="#">19b</a>	King's College London  London School of Hygiene and Tropical Medicine
20	Take-home Naloxone: developing a nasal spray and making it widely available in the community to prevent deaths from heroin and other opioid overdose	Mental Health	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">20a</a>	King's College London



21	Urgent secondary prevention after transient ischaemic attacks and minor stroke, and the identification of cost-effective imaging strategies to diagnose acute stroke	Neuroscience	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">21a</a> <a href="#">21b</a>	University of Edinburgh  University of Oxford
22	Standardised cognitive screening tools to underpin personalised care for people with cognitive impairments worldwide	Neuroscience	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">22a</a> <a href="#">22b</a> <a href="#">22c</a>	University of Edinburgh  University of Cambridge
23	Optimising diagnosis of treatable autoimmune disorders of the central nervous system	Neuroscience	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">23a</a>	University of Oxford
24	Post-hypoxic cooling reduces mortality and improves long-term outcomes in infants	Neuroscience	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">24a</a>	University of Bristol
25	Accelerating the identification and treatment of patients with familial hypercholesterolaemia (FH) through the establishment of a DNA diagnostic service: a paradigm example of Personalised Genomic Medicine	Heart disease	UoA1: Clinical Medicine	<a href="#">25a</a>	University College London
26	Big data to improve care and outcomes for millions of people with cardiovascular disease	Heart disease	UoA2: Public Health, Health Services and Primary Care	<a href="#">26a</a>	University College London
27	Transforming the diagnosis and treatment of ATTR amyloidosis: from a rare untreatable disease to a common remediable disorder	Heart disease	UoA1: Clinical Medicine	<a href="#">27a</a>	University College London

28	Air pollution research leads to local, national and international policies and actions that reduce air pollution impacts	Environmental/Pollution	<u>UoA14</u> : Geography and Environmental Studies	<a href="#">28a</a>	Imperial College of Science, Technology and Medicine
29	Evidence-based traffic schemes cut toxic emissions and improve air quality in London and beyond	Environmental/Pollution	<u>UoA2</u> : Public Health, Health Services and Primary Care	<a href="#">29a</a>	King's College London
30	Revolutionising the understanding of childhood food allergy to halt the epidemic	Environmental/Pollution	<u>UoA1</u> : Clinical Medicine  <u>UoA2</u> : Public Health, Health Services and Primary Care  <u>UoA3</u> : Allied Health Professions, Dentistry, Nursing and Pharmacy	<a href="#">30a</a> <a href="#">30b</a> <a href="#">30c</a>	King's College London  St. George's Hospital Medical School
31	Evidence synthesis methods yield benefits to patients, organisations issuing healthcare policy and guidance, and commercial companies	Methodology	<u>UoA2</u> : Public Health, Health Services and Primary Care  <u>UoA10</u> : Mathematical Sciences	<a href="#">31a</a> <a href="#">31b</a>	University of Bristol  Imperial College of Science, Technology and Medicine
32	EAGLE transforms the evidence base for primary angle-closure glaucoma, changing guidance and practice	Methodology	<u>UoA2</u> : Public Health, Health Services and Primary Care	<a href="#">32a</a>	Queen's University of Belfast
33	Development, and validation and delivery of the first gene therapies for haemophilia, and creation of the biopharmaceutical spin-out company Freeline Therapeutics	Gene Therapy	<u>UoA1</u> : Clinical Medicine	<a href="#">33a</a>	University College London

34	Nightstar: Improving vision and creating the world's largest retinal gene therapy company	Gene Therapy	UoA4: Psychology, Psychiatry and Neuroscience	<a href="#">34a</a> <a href="#">34b</a>	Imperial College of Science, Technology and Medicine  University of Oxford
35	Development and validation of the first treatments for Duchenne Muscular Dystrophy and Spinal Muscular Atrophy	Gene Therapy	UoA1: Clinical Medicine  UoA5: Biological Sciences	<a href="#">35a</a> <a href="#">35b</a>	University College London  Royal Holloway and Bedford New College

Table 5S: Details of all MRC-ICS included in this analysis and links to REF2021 ICS database. (Exemplar MRC-ICS described in more detail in this report and in table 4S are highlighted in bold)

<b>Impact Case Study Title</b>	<b>Submitting Institution</b>	<b>REF Impact Case Study Weblink</b>
A biological control approach based on mosquito release to block dengue transmission in Malaysia	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/C79429F4-6681-4BFE-A99C-6BA66DC75E76?page=1">https://results2021.ref.ac.uk/impact/C79429F4-6681-4BFE-A99C-6BA66DC75E76?page=1</a>
A first in the world IgE class antibody for the treatment of solid tumours: from concept to antibody design, engineering, efficacy, translation to a Phase I trial and creation of a spinout company	King's College London	<a href="https://results2021.ref.ac.uk/impact/191E0E4F-9522-4ADB-AFB2-7B8FDEA78164?page=1">https://results2021.ref.ac.uk/impact/191E0E4F-9522-4ADB-AFB2-7B8FDEA78164?page=1</a>
A lifecourse approach to reducing the burden of osteoporotic fractures	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/C37837A7-B8E3-4709-A4E3-5B6413E11532?page=1">https://results2021.ref.ac.uk/impact/C37837A7-B8E3-4709-A4E3-5B6413E11532?page=1</a>
A new approach to weaning critically ill patients from mechanical ventilation across the UK	Queen's University of Belfast	<a href="https://results2021.ref.ac.uk/impact/C289709D-00AD-4063-8B47-A82361A5085D?page=1">https://results2021.ref.ac.uk/impact/C289709D-00AD-4063-8B47-A82361A5085D?page=1</a>
A new blueprint for behaviour change interventions to improve public health and safety	University of Aberdeen	<a href="https://results2021.ref.ac.uk/impact/7B9846D5-68B5-45FF-A961-F46A7040C047?page=1">https://results2021.ref.ac.uk/impact/7B9846D5-68B5-45FF-A961-F46A7040C047?page=1</a>
A new class of anti-infective drugs from DNA Minor Groove Binders	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/114454DE-86B5-44FF-BE3C-1DC14EF27C4C?page=1">https://results2021.ref.ac.uk/impact/114454DE-86B5-44FF-BE3C-1DC14EF27C4C?page=1</a>
A new international lighting standard that meets our biological needs	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/22E8995B-B07F-4118-AF45-3373D67B2ADA?page=1">https://results2021.ref.ac.uk/impact/22E8995B-B07F-4118-AF45-3373D67B2ADA?page=1</a>
A new national service in Wales to support the adoption of siblings and hard to place children in care	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/94926FC6-279C-4956-AAD2-C5081BB564F4?page=1">https://results2021.ref.ac.uk/impact/94926FC6-279C-4956-AAD2-C5081BB564F4?page=1</a>
A new standard of adjuvant care in colorectal cancer: reduced treatment burden and healthcare costs.	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/D0BEA122-B0D4-419D-B751-27F1368FB314?page=1">https://results2021.ref.ac.uk/impact/D0BEA122-B0D4-419D-B751-27F1368FB314?page=1</a>
A new statistical framework impacted millions during the COVID-19 pandemic	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/1FE83A6F-2E49-44E3-B7BF-0A823B32C267?page=1">https://results2021.ref.ac.uk/impact/1FE83A6F-2E49-44E3-B7BF-0A823B32C267?page=1</a>
A paradigm shift in radiotherapy treatment delivery to reduce toxicity and improve cancer outcome for patients with squamous cell cancer of the anus	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/24A378D5-CD2E-44E9-AA5B-5A6364B2056E?page=1">https://results2021.ref.ac.uk/impact/24A378D5-CD2E-44E9-AA5B-5A6364B2056E?page=1</a>

A paradigm shift in understanding eye-focusing problems that informs cross-discipline professional education and practice.	The University of Reading	<a href="https://results2021.ref.ac.uk/impact/5CF0EEFF-F082-4B17-B7D9-D74E317F5CD6?page=1">https://results2021.ref.ac.uk/impact/5CF0EEFF-F082-4B17-B7D9-D74E317F5CD6?page=1</a>
A platform for improving the assessment of eating behaviour in populations: Urine biomarkers of dietary exposure to improve health and well-being	Aberystwyth University	<a href="https://results2021.ref.ac.uk/impact/91EF06B4-80BA-4AC2-833D-8375F53911F8?page=1">https://results2021.ref.ac.uk/impact/91EF06B4-80BA-4AC2-833D-8375F53911F8?page=1</a>
A risk prediction model for sudden cardiac death in hypertrophic cardiomyopathy patients (HCM Risk-SCD)	University College London	<a href="https://results2021.ref.ac.uk/impact/C825B2B8-6BF2-4A8E-B598-AEB1C127AC75?page=1">https://results2021.ref.ac.uk/impact/C825B2B8-6BF2-4A8E-B598-AEB1C127AC75?page=1</a>
<b>A standardised cognitive screening tool to underpin personalised care for people with motor neurone disease worldwide</b>	<b>University of Edinburgh</b>	<a href="https://results2021.ref.ac.uk/impact/11E6920F-98CC-4CB4-8D4B-2EFF0C008164?page=1">https://results2021.ref.ac.uk/impact/11E6920F-98CC-4CB4-8D4B-2EFF0C008164?page=1</a>
Academia-Industry interfaces for the development of new therapeutic strategies for neurological disorders	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/FAD34A07-6A5F-440A-9F78-F72FB5EF9F9D?page=1">https://results2021.ref.ac.uk/impact/FAD34A07-6A5F-440A-9F78-F72FB5EF9F9D?page=1</a>
Accelerating pioneering therapeutic trials of a treatment for Huntington's Disease.	University College London	<a href="https://results2021.ref.ac.uk/impact/221AEA2E-7D38-4F62-8F1E-2645CC139D4C?page=1">https://results2021.ref.ac.uk/impact/221AEA2E-7D38-4F62-8F1E-2645CC139D4C?page=1</a>
<b>Accelerating the identification and treatment of patients with familial hypercholesterolaemia (FH) through the establishment of a DNA diagnostic service: a paradigm example of Personalised Genomic Medicine</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/0A927CF8-C14F-49D1-879A-9DE87839B9A5?page=1">https://results2021.ref.ac.uk/impact/0A927CF8-C14F-49D1-879A-9DE87839B9A5?page=1</a>
Accurate estimates of pneumonia disease burden guide child immunisation policy, practice and global investment to reduce child pneumonia mortality	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/8057C7FC-8927-44E3-83BD-7EC2B35119B3?page=1">https://results2021.ref.ac.uk/impact/8057C7FC-8927-44E3-83BD-7EC2B35119B3?page=1</a>
Achieving the successful implementation of a total smoking ban in a national prison service	University of Stirling	<a href="https://results2021.ref.ac.uk/impact/9A457ADA-19AB-4BC6-A9A5-43C86D3EF691?page=1">https://results2021.ref.ac.uk/impact/9A457ADA-19AB-4BC6-A9A5-43C86D3EF691?page=1</a>
Active ageing: informing international, national and local guidelines and interventions to reduce frailty and falls in older adults	Manchester Metropolitan University	<a href="https://results2021.ref.ac.uk/impact/8AC1AD2C-582C-40B8-AD2C-8C3B1EAE4A26?page=1">https://results2021.ref.ac.uk/impact/8AC1AD2C-582C-40B8-AD2C-8C3B1EAE4A26?page=1</a>
Addressing the challenges associated with Scotland's ageing workforce through the development of Scottish Government policy and employer practices	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/903261ED-6C39-4976-BE4C-2D73F1454FA6?page=1">https://results2021.ref.ac.uk/impact/903261ED-6C39-4976-BE4C-2D73F1454FA6?page=1</a>
Addressing the Global Burden of Disease from Household Air Pollution:	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/A5E56B36-A690-">https://results2021.ref.ac.uk/impact/A5E56B36-A690-</a>

Prevention through equitable scale of clean cooking in Cameroon		<a href="https://results2021.ref.ac.uk/impact/A1D4B67EA080?page=1">4C01-A536-A1D4B67EA080?page=1</a>
Adjuvant bisphosphonates – cost effective treatment saves 1,000 UK lives per year	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/97FA3AD4-614F-4FB1-AF88-D5E2C80818F0?page=1">https://results2021.ref.ac.uk/impact/97FA3AD4-614F-4FB1-AF88-D5E2C80818F0?page=1</a>
Adoption by global Pharma of new therapeutics, tools and assays targeting LRRK2 to treat Parkinson’s disease	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/BD24750B-A87A-482B-89E3-FC96AE61D227?page=1">https://results2021.ref.ac.uk/impact/BD24750B-A87A-482B-89E3-FC96AE61D227?page=1</a>
Adoption of a new rapid diagnostic test for Human African Trypanosomiasis	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/6ACBC63F-EB39-467F-93BC-8D2FE9FD3FB7?page=1">https://results2021.ref.ac.uk/impact/6ACBC63F-EB39-467F-93BC-8D2FE9FD3FB7?page=1</a>
Advanced modelling for strategic decision-making in the fight against malaria	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/626164EE-4A62-436F-9AE9-11EADC1A3457?page=1">https://results2021.ref.ac.uk/impact/626164EE-4A62-436F-9AE9-11EADC1A3457?page=1</a>
Advances in autoantibody detection lead to improved management of autoimmune rheumatic disease.	The University of Bath	<a href="https://results2021.ref.ac.uk/impact/FB5ED207-F4CB-4C88-B64E-6DCB8215FCB6?page=1">https://results2021.ref.ac.uk/impact/FB5ED207-F4CB-4C88-B64E-6DCB8215FCB6?page=1</a>
Advancing availability of curative surgery to children with refractory focal epilepsy	University College London	<a href="https://results2021.ref.ac.uk/impact/BBD371E1-2CFF-43D5-A514-06906B3BC7D1?page=1">https://results2021.ref.ac.uk/impact/BBD371E1-2CFF-43D5-A514-06906B3BC7D1?page=1</a>
Advancing Global Gender Equality through Educational Partnerships	University College London	<a href="https://results2021.ref.ac.uk/impact/D3101CEE-B7E9-4766-9E27-C29BD2514188?page=1">https://results2021.ref.ac.uk/impact/D3101CEE-B7E9-4766-9E27-C29BD2514188?page=1</a>
<b>Advancing international HIV treatment and prevention and reducing new UK infections among men who have sex with men.</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/D9043B4D-A032-4C0B-AEFD-41AB4170FE4C?page=1">https://results2021.ref.ac.uk/impact/D9043B4D-A032-4C0B-AEFD-41AB4170FE4C?page=1</a>
Advancing multimodal evidence-based treatment of ADHD worldwide	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/0B76321A-896F-4A4A-8233-1CE3282238C2?page=1">https://results2021.ref.ac.uk/impact/0B76321A-896F-4A4A-8233-1CE3282238C2?page=1</a>
<b>Advancing Regenerative Medicine: from the bench to a NICE-approved treatment for early osteoarthritis</b>	<b>University of Keele</b>	<a href="https://results2021.ref.ac.uk/impact/FC164761-EE79-43EE-8937-A4A87969B0CB?page=1">https://results2021.ref.ac.uk/impact/FC164761-EE79-43EE-8937-A4A87969B0CB?page=1</a>
Advancing robotic radical prostatectomy surgery in the UK	King’s College London	<a href="https://results2021.ref.ac.uk/impact/F2CE8FBE-F2CC-4963-8A9D-717FA04B07F1?page=1">https://results2021.ref.ac.uk/impact/F2CE8FBE-F2CC-4963-8A9D-717FA04B07F1?page=1</a>
Advancing Technologies for Enhanced Manufacturing of Difficult to Express Proteins: Improving Biotherapeutic Knowledge, Skills, and Capacity Across the National and International Bioprocessing Community	The University of Kent	<a href="https://results2021.ref.ac.uk/impact/6A2B099F-A7C7-4286-B8A3-94CD4466E4F2?page=1">https://results2021.ref.ac.uk/impact/6A2B099F-A7C7-4286-B8A3-94CD4466E4F2?page=1</a>

Advancing technologies to maintain skin health and improve pressure ulcer prevention in vulnerable patients	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/21733BC5-7E0E-435C-B3B2-00D219F68105?page=1">https://results2021.ref.ac.uk/impact/21733BC5-7E0E-435C-B3B2-00D219F68105?page=1</a>
Advancing the clinical and public health management of multi-drug resistant tuberculosis (MDR-TB)	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/C52A9B61-BE3A-4BF9-B8E6-FB704B3CBB56?page=1">https://results2021.ref.ac.uk/impact/C52A9B61-BE3A-4BF9-B8E6-FB704B3CBB56?page=1</a>
Advancing treatments for lysosomal storage disorders.	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/D9C3F02E-6E8D-4409-A404-70DC9D1915F9?page=1">https://results2021.ref.ac.uk/impact/D9C3F02E-6E8D-4409-A404-70DC9D1915F9?page=1</a>
Advising government policies for integrated air quality and climate change mitigation strategies in Asia, Africa and Latin America	University of York	<a href="https://results2021.ref.ac.uk/impact/64892106-AE69-4472-984C-94E28CF4D984?page=1">https://results2021.ref.ac.uk/impact/64892106-AE69-4472-984C-94E28CF4D984?page=1</a>
Agile drug development and point of care testing for diagnosis and treatment of asthma, COPD and COVID-19	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/9529704F-63C7-4713-8E9D-D85499AE2D8A?page=1">https://results2021.ref.ac.uk/impact/9529704F-63C7-4713-8E9D-D85499AE2D8A?page=1</a>
<b>Air pollution research leads to local, national and international policies and actions that reduce air pollution impacts</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/50A009C5-51B8-47FA-9E54-E207B61B6A25?page=1">https://results2021.ref.ac.uk/impact/50A009C5-51B8-47FA-9E54-E207B61B6A25?page=1</a>
Alemtuzumab: a highly effective treatment for multiple sclerosis	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/7CA386CD-9FDA-4020-B9DA-F45080BCC50B?page=1">https://results2021.ref.ac.uk/impact/7CA386CD-9FDA-4020-B9DA-F45080BCC50B?page=1</a>
Alleviating the societal and economic burden of depression worldwide through cost-effective Mindfulness-Based Cognitive Therapy	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/D59A4FA1-5E19-4394-BF46-451D905F0FA6?page=1">https://results2021.ref.ac.uk/impact/D59A4FA1-5E19-4394-BF46-451D905F0FA6?page=1</a>
An appetite for health - research transforming the food we eat	University of Aberdeen	<a href="https://results2021.ref.ac.uk/impact/5436E701-845E-4B51-BA9F-4E05E675A0EC?page=1">https://results2021.ref.ac.uk/impact/5436E701-845E-4B51-BA9F-4E05E675A0EC?page=1</a>
Anti-Müllerian hormone (AMH): from novel antibodies to routine clinical immunoassay tools in worldwide use	Oxford Brookes University	<a href="https://results2021.ref.ac.uk/impact/D7D3EC3D-273C-47FE-A8D3-ECAED6F3CD82?page=1">https://results2021.ref.ac.uk/impact/D7D3EC3D-273C-47FE-A8D3-ECAED6F3CD82?page=1</a>
Antimicrobial stewardship: targeting antibiotics, delayed prescribing, and communication skills training for acute upper and lower respiratory tract infections	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/1D52C812-46B0-4A7D-8C7C-7B9B48BD21BC?page=1">https://results2021.ref.ac.uk/impact/1D52C812-46B0-4A7D-8C7C-7B9B48BD21BC?page=1</a>
Approval of eculizumab and establishment of a national service to treat patients with Atypical Haemolytic Uraemic Syndrome (aHUS)	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/3702F18D-4392-477A-85DB-32F82430124F?page=1">https://results2021.ref.ac.uk/impact/3702F18D-4392-477A-85DB-32F82430124F?page=1</a>
ASPIRE™: Using machine learning to detect undiagnosed fractures in patients with osteoporosis	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/8025FF85-86F2-4929-BE42-64FC14C72C51?page=1">https://results2021.ref.ac.uk/impact/8025FF85-86F2-4929-BE42-64FC14C72C51?page=1</a>



Aspirin to decrease the risk of colorectal cancer for patients with Lynch syndrome	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/9CE350A1-18E8-492D-BD5E-44850859CF83?page=1">https://results2021.ref.ac.uk/impact/9CE350A1-18E8-492D-BD5E-44850859CF83?page=1</a>
Assessing the overprovision of alcohol and tobacco in Scotland: improving health outcomes and influencing policy	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/900D69CC-E47D-4837-A831-E561C7002F55?page=1">https://results2021.ref.ac.uk/impact/900D69CC-E47D-4837-A831-E561C7002F55?page=1</a>
<b>Ataluren: the first approved oral treatment for Duchenne muscular dystrophy</b>	<b>University of Newcastle upon Tyne</b>	<a href="https://results2021.ref.ac.uk/impact/53518501-86EF-4D59-9B4C-56AF031E1175?page=1">https://results2021.ref.ac.uk/impact/53518501-86EF-4D59-9B4C-56AF031E1175?page=1</a>
B: Assessment of islet transplantation with the BETA\2 score saves NHS resources and offers potential to reduce graft loss	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/DECD0175-C982-400D-A1F2-BEA9731E579A?page=1">https://results2021.ref.ac.uk/impact/DECD0175-C982-400D-A1F2-BEA9731E579A?page=1</a>
Best practice for healthcare professionals in supporting parents who have experienced a bereavement from a multiple pregnancy	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/FB7BB3EB-CC9A-4B7D-8D31-97080FC792E8?page=1">https://results2021.ref.ac.uk/impact/FB7BB3EB-CC9A-4B7D-8D31-97080FC792E8?page=1</a>
Better care and quality of life for people affected by severe breathlessness in multiple advanced diseases, including at the end of life	King's College London	<a href="https://results2021.ref.ac.uk/impact/87C9FEDB-681A-4AF4-81F5-58D0FB0D00E8?page=1">https://results2021.ref.ac.uk/impact/87C9FEDB-681A-4AF4-81F5-58D0FB0D00E8?page=1</a>
<b>Better protection against influenza through national childhood vaccination programmes</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/3AAAB703-5CE1-464D-883D-5012099C5DD8?page=1">https://results2021.ref.ac.uk/impact/3AAAB703-5CE1-464D-883D-5012099C5DD8?page=1</a>
<b>Big data to improve care and outcomes for millions of people with cardiovascular disease.</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/34A0C2DB-0C6B-4250-B9C3-3C4A059023D0?page=1">https://results2021.ref.ac.uk/impact/34A0C2DB-0C6B-4250-B9C3-3C4A059023D0?page=1</a>
Biologic agents for plaque psoriasis and psoriatic arthritis: enabling patient benefit and efficient use of NHS resources	University of York	<a href="https://results2021.ref.ac.uk/impact/24911FA4-5B52-4F53-8313-346B24318E81?page=1">https://results2021.ref.ac.uk/impact/24911FA4-5B52-4F53-8313-346B24318E81?page=1</a>
Biologics registers for immune-mediated inflammatory diseases: enhancing access to novel therapies and balancing drug safety concerns versus effectiveness	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/62858DF5-A33D-497E-BA13-2DF6124C4BD7?page=1">https://results2021.ref.ac.uk/impact/62858DF5-A33D-497E-BA13-2DF6124C4BD7?page=1</a>
Biomarkers and tools to enable personalised care and improve outcomes in high risk pregnancy	King's College London	<a href="https://results2021.ref.ac.uk/impact/DFEC8C13-2331-4C14-9E28-9B50355B174A?page=1">https://results2021.ref.ac.uk/impact/DFEC8C13-2331-4C14-9E28-9B50355B174A?page=1</a>
Breastfeeding Uncovered: A research based public health campaign that has changed global breastfeeding policy, professional practice and resulted in increased breastfeeding rates	Swansea University	<a href="https://results2021.ref.ac.uk/impact/F8D4895F-EE80-4C2E-BE1A-B8D11FA6FF47?page=1">https://results2021.ref.ac.uk/impact/F8D4895F-EE80-4C2E-BE1A-B8D11FA6FF47?page=1</a>
Bristol research critical to decision to introduce meningitis B vaccine for all	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/47105D94-B44D-">https://results2021.ref.ac.uk/impact/47105D94-B44D-</a>



UK infants, which led to a 75% reduction in cases		<a href="https://results2021.ref.ac.uk/impact/ECE7308A-1CD0-4954-9F14-76918F2061D5?page=1">4CC0-81F2-BCE097A49926?page=1</a>
Building capacity and infrastructure for controlling malaria transmitting mosquitoes in West Africa	University of Keele	<a href="https://results2021.ref.ac.uk/impact/ECE7308A-1CD0-4954-9F14-76918F2061D5?page=1">https://results2021.ref.ac.uk/impact/ECE7308A-1CD0-4954-9F14-76918F2061D5?page=1</a>
Building global practitioner and organisational mental health services for traumatised children	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/DDAB4BBC-511E-4F70-8558-E6161982A321?page=1">https://results2021.ref.ac.uk/impact/DDAB4BBC-511E-4F70-8558-E6161982A321?page=1</a>
C-peptide testing improves the diagnosis and treatment of people with insulin-treated diabetes.	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/F1B40FD2-F622-4AB2-9875-818E7903AE68?page=1">https://results2021.ref.ac.uk/impact/F1B40FD2-F622-4AB2-9875-818E7903AE68?page=1</a>
Cancer prevention with aspirin for patients with Lynch Syndrome	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/26F1B981-6E83-43B8-BC51-06D2D9D3ECF8?page=1">https://results2021.ref.ac.uk/impact/26F1B981-6E83-43B8-BC51-06D2D9D3ECF8?page=1</a>
<b>CANTAB Mobile: a tool to detect early Alzheimer's disease and mental health disorders in the clinic and in drug development</b>	<b>University of Cambridge</b>	<a href="https://results2021.ref.ac.uk/impact/D9DB0694-2BA2-4CD5-B904-A44628E18702?page=1">https://results2021.ref.ac.uk/impact/D9DB0694-2BA2-4CD5-B904-A44628E18702?page=1</a>
Case Study 4: Protecting and Promoting Public Interest in the Regulation of Human Health Research	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/BBBD7BA7-35F9-4E2F-9D5B-B9EF3937094A?page=1">https://results2021.ref.ac.uk/impact/BBBD7BA7-35F9-4E2F-9D5B-B9EF3937094A?page=1</a>
Cash + Care: Transforming HIV outcomes for adolescents in Africa through social protection	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/B7C453F7-69BC-4B45-86A9-438482CE3D77?page=1">https://results2021.ref.ac.uk/impact/B7C453F7-69BC-4B45-86A9-438482CE3D77?page=1</a>
CATH structural classification of proteins aids medical diagnostics and drug discovery in the pharmaceutical industry	University College London	<a href="https://results2021.ref.ac.uk/impact/7B70D35E-7AD5-46F7-8620-770F3CCBBB71?page=1">https://results2021.ref.ac.uk/impact/7B70D35E-7AD5-46F7-8620-770F3CCBBB71?page=1</a>
Change in UK blood donation policy around plasma and platelets following accurate definition of vCJD transmission risks leads to simpler logistics and cost savings	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/74475849-1DD8-40E9-8B72-2CD4AD74285B?page=1">https://results2021.ref.ac.uk/impact/74475849-1DD8-40E9-8B72-2CD4AD74285B?page=1</a>
Changing global policy and practice to promote the reach and effectiveness of interventions to prevent childhood obesity.	University of Durham	<a href="https://results2021.ref.ac.uk/impact/58E184F3-1770-47FE-A62A-3F5B19DB602B?page=1">https://results2021.ref.ac.uk/impact/58E184F3-1770-47FE-A62A-3F5B19DB602B?page=1</a>
Changing how training responses are monitored and used in elite team sports through co-produced research	Teesside University	<a href="https://results2021.ref.ac.uk/impact/E34D0E13-D308-4099-8463-66CBAF1CABFB?page=1">https://results2021.ref.ac.uk/impact/E34D0E13-D308-4099-8463-66CBAF1CABFB?page=1</a>
<b>Changing international practice for metastatic prostate cancer by improving survival and patient outcomes</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/16DB6FD3-8181-4DCC-BD4B-5A3F55D759A1?page=1">https://results2021.ref.ac.uk/impact/16DB6FD3-8181-4DCC-BD4B-5A3F55D759A1?page=1</a>

Changing our understanding of the lasting impact of severe early deprivation on development: The impact of the English and Romanian Adoption study	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/03DF1AAB-7FCD-4A50-8460-E2D9712515B1?page=1">https://results2021.ref.ac.uk/impact/03DF1AAB-7FCD-4A50-8460-E2D9712515B1?page=1</a>
Changing policy and practice to improve support for women experiencing domestic violence and abuse in England and Wales	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/5A3712FA-E63C-4C7A-B50E-35504D0A2D77?page=1">https://results2021.ref.ac.uk/impact/5A3712FA-E63C-4C7A-B50E-35504D0A2D77?page=1</a>
Changing the clinical management of childhood asthma and eczema	University of Brighton	<a href="https://results2021.ref.ac.uk/impact/EBF875A3-362E-4F07-AEE3-7C14C1CD3073?page=1">https://results2021.ref.ac.uk/impact/EBF875A3-362E-4F07-AEE3-7C14C1CD3073?page=1</a>
Changing the model of clinical care for advanced ovarian cancer	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/717A3DA7-6CF7-4E53-9246-D625A4FE91BB?page=1">https://results2021.ref.ac.uk/impact/717A3DA7-6CF7-4E53-9246-D625A4FE91BB?page=1</a>
Changing the way follow-up services are delivered to benefit cancer survivors	University of Central Lancashire	<a href="https://results2021.ref.ac.uk/impact/91D73B68-7887-46A3-BFE6-346527AED923?page=1">https://results2021.ref.ac.uk/impact/91D73B68-7887-46A3-BFE6-346527AED923?page=1</a>
Changing the way we do Global Vector Control	University of Durham	<a href="https://results2021.ref.ac.uk/impact/D00834B4-04A5-4C73-8C44-C35A1F994D98?page=1">https://results2021.ref.ac.uk/impact/D00834B4-04A5-4C73-8C44-C35A1F994D98?page=1</a>
Changing treatment paradigms in gastrointestinal cancers	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/96037F51-C5DA-459F-893A-196FC18C14CA?page=1">https://results2021.ref.ac.uk/impact/96037F51-C5DA-459F-893A-196FC18C14CA?page=1</a>
Characterising uncertainty and value of information in health care decisions	University of York	<a href="https://results2021.ref.ac.uk/impact/A3A9C94F-55AE-4DE4-8352-814D17F354C9?page=1">https://results2021.ref.ac.uk/impact/A3A9C94F-55AE-4DE4-8352-814D17F354C9?page=1</a>
Childhood leukaemia survival rates increase thanks to new cell preservation methods and international cell bank	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/5363F5E2-03CA-47D6-AE0F-E57718779F27?page=1">https://results2021.ref.ac.uk/impact/5363F5E2-03CA-47D6-AE0F-E57718779F27?page=1</a>
Clinical development of a novel first-in-class antibiotic for the treatment of Clostridiodes difficile infections	University College London	<a href="https://results2021.ref.ac.uk/impact/F2C5B437-34C0-45A7-BBE4-02626B5B22AD?page=1">https://results2021.ref.ac.uk/impact/F2C5B437-34C0-45A7-BBE4-02626B5B22AD?page=1</a>
Clinical development of immunotherapies in melanoma, renal, and head and neck cancers	The Institute of Cancer Research	<a href="https://results2021.ref.ac.uk/impact/5541C786-97FF-44E9-A3AC-CC4C2B2FAF35?page=1">https://results2021.ref.ac.uk/impact/5541C786-97FF-44E9-A3AC-CC4C2B2FAF35?page=1</a>
Clinical development of olaparib, a PARP inhibitor, leading to improved outcomes for cancer patients	The Institute of Cancer Research	<a href="https://results2021.ref.ac.uk/impact/C07B38C8-3C39-45C1-9218-CB6507C7407F?page=1">https://results2021.ref.ac.uk/impact/C07B38C8-3C39-45C1-9218-CB6507C7407F?page=1</a>
<b>Clinical trial designs by Lancaster University statisticians result in rapid discovery of COVID19 treatments</b>	<b>The University of Lancaster</b>	<a href="https://results2021.ref.ac.uk/impact/D7F99118-A800-46DC-A77E-CCE32D0E2588?page=1">https://results2021.ref.ac.uk/impact/D7F99118-A800-46DC-A77E-CCE32D0E2588?page=1</a>

Closing the global mental health gap: integrating mental healthcare into primary care in low and middle income countries	King's College London	<a href="https://results2021.ref.ac.uk/impact/52744A96-38A6-4735-B30B-E8E38B77D102?page=1">https://results2021.ref.ac.uk/impact/52744A96-38A6-4735-B30B-E8E38B77D102?page=1</a>
Co-Creating Age Friendly Cities for Cycling	Oxford Brookes University	<a href="https://results2021.ref.ac.uk/impact/CE30640A-3FA9-43F3-B807-625893CA12A0?page=1">https://results2021.ref.ac.uk/impact/CE30640A-3FA9-43F3-B807-625893CA12A0?page=1</a>
Co-creation and use of national policy and practical resources for preventing deaths by suicide	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/DC42E842-C0D5-4B8C-AF9D-D25980EAC8E1?page=1">https://results2021.ref.ac.uk/impact/DC42E842-C0D5-4B8C-AF9D-D25980EAC8E1?page=1</a>
Combatting global infectious disease threats to amphibian biodiversity	University College London	<a href="https://results2021.ref.ac.uk/impact/E874ABF9-C23E-41B5-A1A1-BB807E0EC571?page=1">https://results2021.ref.ac.uk/impact/E874ABF9-C23E-41B5-A1A1-BB807E0EC571?page=1</a>
Commercial development and patient benefit of Adoptive Cell Therapy (ACT) for cancer	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/7CF998CE-1250-4C0F-AF39-05E62D0358DA?page=1">https://results2021.ref.ac.uk/impact/7CF998CE-1250-4C0F-AF39-05E62D0358DA?page=1</a>
Commercial exploitation of novel mitochondrial probes	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/4F9E1A49-0337-40AC-9D08-0D6460B3D6FF?page=1">https://results2021.ref.ac.uk/impact/4F9E1A49-0337-40AC-9D08-0D6460B3D6FF?page=1</a>
Commercial impact of fluorescence lifetime imaging (FLIM) technology	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/BA539A04-46BA-49CF-A62B-E417F75A6E81?page=1">https://results2021.ref.ac.uk/impact/BA539A04-46BA-49CF-A62B-E417F75A6E81?page=1</a>
Commercial impact of Phyre: A resource for computational modelling of the 3D structure of proteins	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/ECCDC45F-1D57-4A0E-AC33-1DCD2851DE63?page=1">https://results2021.ref.ac.uk/impact/ECCDC45F-1D57-4A0E-AC33-1DCD2851DE63?page=1</a>
Commercialisation of a novel microRNA replacement therapy for equine and human tendinopathies	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/CD653A95-56CE-4D79-830F-59E7B09737BB?page=1">https://results2021.ref.ac.uk/impact/CD653A95-56CE-4D79-830F-59E7B09737BB?page=1</a>
Commercialisation of AI-based algorithms for faster In silico drug and diagnostic biomarker discovery.	Nottingham Trent University	<a href="https://results2021.ref.ac.uk/impact/6731F63A-0364-48AB-B6FE-829DC0DDCB94?page=1">https://results2021.ref.ac.uk/impact/6731F63A-0364-48AB-B6FE-829DC0DDCB94?page=1</a>
Commercialisation of novel engineered affinity proteins for therapeutics, diagnostics and research reagents.	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/4D2B15BF-9B6D-4988-9202-958E7AA9C17F?page=1">https://results2021.ref.ac.uk/impact/4D2B15BF-9B6D-4988-9202-958E7AA9C17F?page=1</a>
Commercialisation of synthetic biology research delivers sustainable economic growth and job creation in South West England	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/18521B59-6534-48ED-BEFB-39C6784699CD?page=1">https://results2021.ref.ac.uk/impact/18521B59-6534-48ED-BEFB-39C6784699CD?page=1</a>
Commercialisation of synthetic biology technologies	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/7765048B-66F4-489D-8B79-CFA9D9C18ADB?page=1">https://results2021.ref.ac.uk/impact/7765048B-66F4-489D-8B79-CFA9D9C18ADB?page=1</a>

Computed Tomography Coronary Angiography improves diagnosis, management and outcome for patients with stable chest pain	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/A0273CB4-1511-4E05-807A-362F2041C249?page=1">https://results2021.ref.ac.uk/impact/A0273CB4-1511-4E05-807A-362F2041C249?page=1</a>
Context aware text mining for the pharmaceutical sector	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/1CB79C99-A79A-4590-8B1A-946BBA4EE875?page=1">https://results2021.ref.ac.uk/impact/1CB79C99-A79A-4590-8B1A-946BBA4EE875?page=1</a>
Controlling Ebola in West Africa: innovative and pragmatic solutions for a major epidemic	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/FA476065-3DFA-4BCC-BDA8-8709611F4423?page=1">https://results2021.ref.ac.uk/impact/FA476065-3DFA-4BCC-BDA8-8709611F4423?page=1</a>
Controlling HIV through evidence-based prevention strategies	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/BCFBE48E-DC4D-42A0-8278-C4CA041E5080?page=1">https://results2021.ref.ac.uk/impact/BCFBE48E-DC4D-42A0-8278-C4CA041E5080?page=1</a>
Controlling Polymer – Solvent Interactions to Improve British Manufacturing Performance	The University of Bradford	<a href="https://results2021.ref.ac.uk/impact/78C23E05-177E-4181-9548-28FEE3DDDD56?page=1">https://results2021.ref.ac.uk/impact/78C23E05-177E-4181-9548-28FEE3DDDD56?page=1</a>
Controlling the COVID\19 pandemic with mobile phone contact tracing	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/D3D20CE5-B625-4DA5-9E0E-8E4BF87EF238?page=1">https://results2021.ref.ac.uk/impact/D3D20CE5-B625-4DA5-9E0E-8E4BF87EF238?page=1</a>
Cough monitoring system facilitates clinical trials and enables development of treatments for patients with refractory chronic cough	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/4402A817-0236-48F4-B595-FCA79D56F7A5?page=1">https://results2021.ref.ac.uk/impact/4402A817-0236-48F4-B595-FCA79D56F7A5?page=1</a>
COVID Symptom Study App	King's College London	<a href="https://results2021.ref.ac.uk/impact/3940934B-C878-477A-BB79-9E65DE2701A2?page=1">https://results2021.ref.ac.uk/impact/3940934B-C878-477A-BB79-9E65DE2701A2?page=1</a>
COVID\19 testing to understand and control transmission	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/17A5DBCA-9AFC-434A-8E54-2B7452FDC3B1?page=1">https://results2021.ref.ac.uk/impact/17A5DBCA-9AFC-434A-8E54-2B7452FDC3B1?page=1</a>
Creating a global market for a novel medical device – how BU research helped make it happen	Bournemouth University	<a href="https://results2021.ref.ac.uk/impact/51955BC6-117E-4B18-B845-D3DA31B7590C?page=1">https://results2021.ref.ac.uk/impact/51955BC6-117E-4B18-B845-D3DA31B7590C?page=1</a>
<b>Creating Step Changes in Cycling Policy and Infrastructure Planning across the UK</b>	<b>The University of Westminster</b>	<a href="https://results2021.ref.ac.uk/impact/4BBF3436-FD10-4C75-9791-F5E98AB4411B?page=1">https://results2021.ref.ac.uk/impact/4BBF3436-FD10-4C75-9791-F5E98AB4411B?page=1</a>
Curing Friedreich ataxia using a genetically\19-altered mouse	Brunel University London	<a href="https://results2021.ref.ac.uk/impact/B1031A2A-076C-4876-8D30-25B6E6A1E318?page=1">https://results2021.ref.ac.uk/impact/B1031A2A-076C-4876-8D30-25B6E6A1E318?page=1</a>
CvLPRIT: Changing Global Clinical Practice for Patients Presenting with ST Elevation Myocardial Infarction Heart Attack	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/A3847A44-B0ED-48A7-9DD7-6B4BDAFAA320?page=1">https://results2021.ref.ac.uk/impact/A3847A44-B0ED-48A7-9DD7-6B4BDAFAA320?page=1</a>

Cytosponge®-TFF3: A new cost-effective, minimally-invasive approach to reduce population mortality from oesophageal cancer.	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/62145261-40E5-4488-8C75-57211C1DD9BB?page=1">https://results2021.ref.ac.uk/impact/62145261-40E5-4488-8C75-57211C1DD9BB?page=1</a>
De-medicalisation of contraception to improve access and prevent unintended pregnancies	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/58AA1351-AB13-48FF-8AD5-1BA607D08614?page=1">https://results2021.ref.ac.uk/impact/58AA1351-AB13-48FF-8AD5-1BA607D08614?page=1</a>
Deciphering the underlying immunopathology of Guillain-Barré syndrome to drive advances in targeted treatment	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/9644718E-8971-4B8D-8DC1-D669A88A59FE?page=1">https://results2021.ref.ac.uk/impact/9644718E-8971-4B8D-8DC1-D669A88A59FE?page=1</a>
Defining global antifungal azole resistance in Aspergillus – enhancing diagnostics and driving drug discovery	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/4B410370-4B9C-4433-ACE1-DFBCF585DA77?page=1">https://results2021.ref.ac.uk/impact/4B410370-4B9C-4433-ACE1-DFBCF585DA77?page=1</a>
Definitive demonstration of the adverse cardiovascular effects of air pollution leads to policy change at the local, national and international level	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/C9997A17-C3F8-45BF-A5CC-72732C93FE09?page=1">https://results2021.ref.ac.uk/impact/C9997A17-C3F8-45BF-A5CC-72732C93FE09?page=1</a>
<b>Delivering clinical and commercial impact through novel monoclonal antibody cancer treatments</b>	<b>University of Southampton</b>	<a href="https://results2021.ref.ac.uk/impact/8DFB8881-06D5-4A94-B60B-9613956FE5FC?page=1">https://results2021.ref.ac.uk/impact/8DFB8881-06D5-4A94-B60B-9613956FE5FC?page=1</a>
Demonstration of the ineffectiveness of 'safe storage' in preventing pesticide self-poisoning changes WHO policy and results in national bans on pesticides in rural Asia	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/FCF69CF9-7125-4788-863F-8E8BC399C061?page=1">https://results2021.ref.ac.uk/impact/FCF69CF9-7125-4788-863F-8E8BC399C061?page=1</a>
<b>Design and use of a rapid assessment tool that improves detection of delirium benefits patients and health services</b>	<b>University of Edinburgh</b>	<a href="https://results2021.ref.ac.uk/impact/4EEC3A35-0A47-4C02-90E5-B62E7DA95141?page=1">https://results2021.ref.ac.uk/impact/4EEC3A35-0A47-4C02-90E5-B62E7DA95141?page=1</a>
Developing a new seasonal approach to malaria prevention in children	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/CD106A3E-E7C8-4289-BC43-AB8D48BBCD0F?page=1">https://results2021.ref.ac.uk/impact/CD106A3E-E7C8-4289-BC43-AB8D48BBCD0F?page=1</a>
Developing accurate diagnostics and new treatments of pulmonary arterial hypertension – a rare and fatal disease of young adults	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/965B3CEF-41C1-4911-8977-F0C632E2CA31?page=1">https://results2021.ref.ac.uk/impact/965B3CEF-41C1-4911-8977-F0C632E2CA31?page=1</a>
Developing DIALOG+, a Therapeutically Effective Intervention for Mental Health Care	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/53D33818-F574-4CF0-9B29-DAB3DCCA0E4C?page=1">https://results2021.ref.ac.uk/impact/53D33818-F574-4CF0-9B29-DAB3DCCA0E4C?page=1</a>
Developing Global Nanosafety Regulatory Policy	Swansea University	<a href="https://results2021.ref.ac.uk/impact/E9E8CED9-FFCF-40C9-B307-8BB1DBFADD7C?page=1">https://results2021.ref.ac.uk/impact/E9E8CED9-FFCF-40C9-B307-8BB1DBFADD7C?page=1</a>
Developing psychological interventions to improve the management and treatment of psychosis	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/0C5D80B1-ED1E-4DE8-AA70-03D029DD6993?page=1">https://results2021.ref.ac.uk/impact/0C5D80B1-ED1E-4DE8-AA70-03D029DD6993?page=1</a>



Developing psychological services and addressing the mental health impact of the Conflict in Northern Ireland	University of Ulster	<a href="https://results2021.ref.ac.uk/impact/9E82FA9A-2AFA-47A3-9725-A267E29F7EAD?page=1">https://results2021.ref.ac.uk/impact/9E82FA9A-2AFA-47A3-9725-A267E29F7EAD?page=1</a>
Developing the Fuller Working Lives Policy Agenda through Research-Based Professional Advice, Expert Testimony, and Stakeholder Engagement	The University of Kent	<a href="https://results2021.ref.ac.uk/impact/FA5AB1DE-76DF-4A32-B546-0927E51269E5?page=1">https://results2021.ref.ac.uk/impact/FA5AB1DE-76DF-4A32-B546-0927E51269E5?page=1</a>
Development and adoption of national and international physical activity guidelines	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/FD504B11-6C5C-419E-AED9-FB338D1598A9?page=1">https://results2021.ref.ac.uk/impact/FD504B11-6C5C-419E-AED9-FB338D1598A9?page=1</a>
Development and commercialisation of the EarlyCDT@-Lung cancer test delivers early lung cancer detection, company growth and healthcare cost savings.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/697D0852-1CA4-4E82-A22E-49D7AD92CED1?page=1">https://results2021.ref.ac.uk/impact/697D0852-1CA4-4E82-A22E-49D7AD92CED1?page=1</a>
Development and evaluation of the 'Stoptober' campaign to deliver smoking cessation and influence commissioning decisions worldwide.	University College London	<a href="https://results2021.ref.ac.uk/impact/263F606E-4A22-454E-AAFE-C7E49684500B?page=1">https://results2021.ref.ac.uk/impact/263F606E-4A22-454E-AAFE-C7E49684500B?page=1</a>
Development and implementation of Digital Primary and Urgent Care systems within the NHS and internationally	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/34575836-8E0C-466F-A968-273AD233279E?page=1">https://results2021.ref.ac.uk/impact/34575836-8E0C-466F-A968-273AD233279E?page=1</a>
Development and implementation of UK tobacco control policy	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/0B70317E-4D02-40BD-BA6E-62BE21DDE649?page=1">https://results2021.ref.ac.uk/impact/0B70317E-4D02-40BD-BA6E-62BE21DDE649?page=1</a>
Development and national implementation of the electronic Frailty Index (eFI): impact on policy, health and care service delivery, and wider society	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/26618652-C2FF-4F0C-B821-12AD8876A999?page=1">https://results2021.ref.ac.uk/impact/26618652-C2FF-4F0C-B821-12AD8876A999?page=1</a>
Development and validation of Cardiovascular Magnetic Resonance (CMR) imaging for patients with known or suspected coronary artery disease (CAD): superior diagnostic accuracy, prognostication and cost effectiveness compared to the global clinical standard	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/5A61FC65-CD59-4702-AACB-D00779488EB1?page=1">https://results2021.ref.ac.uk/impact/5A61FC65-CD59-4702-AACB-D00779488EB1?page=1</a>
<b>Development and validation of the first treatments for Duchenne Muscular Dystrophy and Spinal Muscular Atrophy</b>	University College London	<a href="https://results2021.ref.ac.uk/impact/5DE5D6FC-CE7F-47DC-9C41-C4882620F96B?page=1">https://results2021.ref.ac.uk/impact/5DE5D6FC-CE7F-47DC-9C41-C4882620F96B?page=1</a>
Development of a Bactigon® -coated bacterial-resistant urinary catheter results in commercialisation and company growth.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/F3F9641D-0F1C-4301-A638-9F446484EF81?page=1">https://results2021.ref.ac.uk/impact/F3F9641D-0F1C-4301-A638-9F446484EF81?page=1</a>
Development of a New Genetic Diagnostic Panel for the Cost-Effective	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/3A8FF29E-A328-">https://results2021.ref.ac.uk/impact/3A8FF29E-A328-</a>

Diagnosis of Life-Threatening Adrenal Insufficiency		<a href="https://results2021.ref.ac.uk/impact/46E6-9FA8-3980ADED53?page=1">46E6-9FA8-3980ADED53?page=1</a>
<b>Development of abiraterone for the treatment of prostate cancer</b>	<b>The Institute of Cancer Research</b>	<a href="https://results2021.ref.ac.uk/impact/50469E00-1995-4603-BA84-A6051F12F95C?page=1">https://results2021.ref.ac.uk/impact/50469E00-1995-4603-BA84-A6051F12F95C?page=1</a>
Development of Cochrane reviews for summarising evidence of the accuracy of diagnostic tests have improved patient care and outcomes	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/A29ABE39-B713-471F-AF5E-D4C4C86830B5?page=1">https://results2021.ref.ac.uk/impact/A29ABE39-B713-471F-AF5E-D4C4C86830B5?page=1</a>
Development of gene therapies for inherited retinal diseases (IRDs)	University College London	<a href="https://results2021.ref.ac.uk/impact/C548DC5E-708F-432B-A0D1-1094AE01F919?page=1">https://results2021.ref.ac.uk/impact/C548DC5E-708F-432B-A0D1-1094AE01F919?page=1</a>
Development of novel therapies for inborn errors of immunity in children and adults via a spin-out company and an NHS England commissioning policy	University College London	<a href="https://results2021.ref.ac.uk/impact/38CD548D-A708-4269-87EB-5C2938CFDC17?page=1">https://results2021.ref.ac.uk/impact/38CD548D-A708-4269-87EB-5C2938CFDC17?page=1</a>
Development, evaluation and implementation of the world's first cognitive behaviour therapy (CBT) for menopausal symptoms	King's College London	<a href="https://results2021.ref.ac.uk/impact/F53D3F58-B2C6-4214-8A56-169611585A19?page=1">https://results2021.ref.ac.uk/impact/F53D3F58-B2C6-4214-8A56-169611585A19?page=1</a>
<b>Development, validation and delivery of the first gene therapies for haemophilia and creation of the biopharmaceutical spin-out company Freeline Therapeutics</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/ACF7F54C-5A12-4BAF-B06A-17DE2029C7EF?page=1">https://results2021.ref.ac.uk/impact/ACF7F54C-5A12-4BAF-B06A-17DE2029C7EF?page=1</a>
DiPALS: Evidence to inform guidance on the use of diaphragm pacing for patients with amyotrophic lateral sclerosis	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/4330B869-FB3A-432D-BBA2-03E6C2604C98?page=1">https://results2021.ref.ac.uk/impact/4330B869-FB3A-432D-BBA2-03E6C2604C98?page=1</a>
DiRECT: changing the paradigm for type 2 diabetes remission in the UK	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/F04DBB81-C197-439F-9A9D-548A3F44851C?page=1">https://results2021.ref.ac.uk/impact/F04DBB81-C197-439F-9A9D-548A3F44851C?page=1</a>
Discovery and translation of the inert gas xenon as a neuroprotectant	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/AB201F22-79F9-4352-AE66-4D78ADC7A008?page=1">https://results2021.ref.ac.uk/impact/AB201F22-79F9-4352-AE66-4D78ADC7A008?page=1</a>
Driving policy change to improve safety and outcomes in maternity services	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/72E5EC07-1BC0-4EB0-B023-046F5E3E63C4?page=1">https://results2021.ref.ac.uk/impact/72E5EC07-1BC0-4EB0-B023-046F5E3E63C4?page=1</a>
Driving strategies to prevent neonatal Group B streptococcal infection	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/EEED604E-A571-44C0-9401-0BD8937012B6?page=1">https://results2021.ref.ac.uk/impact/EEED604E-A571-44C0-9401-0BD8937012B6?page=1</a>
<b>EAGLE transforms the evidence base for primary angle-closure glaucoma, changing guidance and practice</b>	<b>Queen's University of Belfast</b>	<a href="https://results2021.ref.ac.uk/impact/6AC8090E-2DDC-4A00-B555-8251067F9548?page=1">https://results2021.ref.ac.uk/impact/6AC8090E-2DDC-4A00-B555-8251067F9548?page=1</a>

Early introduction of allergenic foods and the prevention of food allergy in infancy	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/DD84A20D-B099-4174-84EB-A19E9D5F227E?page=1">https://results2021.ref.ac.uk/impact/DD84A20D-B099-4174-84EB-A19E9D5F227E?page=1</a>
Electronic systems to improve safety and effectiveness of blood transfusion	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/C0DAEDCB-5081-4E7B-B33F-C7E2259E298C?page=1">https://results2021.ref.ac.uk/impact/C0DAEDCB-5081-4E7B-B33F-C7E2259E298C?page=1</a>
Eliminating Hepatitis C with Effective Treatment and Priority Screening	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/424C0630-7153-4FC9-AE25-5B0AA43FFA35?page=1">https://results2021.ref.ac.uk/impact/424C0630-7153-4FC9-AE25-5B0AA43FFA35?page=1</a>
Elimination of malaria in remote regions of Myanmar	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/7A778BE6-9130-4376-AA83-A237A2FE96FC?page=1">https://results2021.ref.ac.uk/impact/7A778BE6-9130-4376-AA83-A237A2FE96FC?page=1</a>
Elucidating the transmission dynamics of novel zoonotic schistosomiasis to inform avenues for sustainable control in Africa	The Royal Veterinary College	<a href="https://results2021.ref.ac.uk/impact/20B03534-D934-46F8-B473-90E2219F00E1?page=1">https://results2021.ref.ac.uk/impact/20B03534-D934-46F8-B473-90E2219F00E1?page=1</a>
EMReg: Establishing the Regulatory Framework for Electromagnetic Field Exposure Limits for Magnetic Resonance Imaging	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/D2084762-C6DC-4798-A56E-C74595A38979?page=1">https://results2021.ref.ac.uk/impact/D2084762-C6DC-4798-A56E-C74595A38979?page=1</a>
Enabling clinical diagnosis and treatment of genetic diseases with immune or neurological dysfunction	University of Sussex	<a href="https://results2021.ref.ac.uk/impact/F2B2D122-C0C0-4C9E-B506-A7A96A09013F?page=1">https://results2021.ref.ac.uk/impact/F2B2D122-C0C0-4C9E-B506-A7A96A09013F?page=1</a>
Enabling rapid analysis of diagnostic biomarkers for improved health screening	Loughborough University	<a href="https://results2021.ref.ac.uk/impact/5DCD5B0C-5E5F-4FC0-8C39-65469C1E6257?page=1">https://results2021.ref.ac.uk/impact/5DCD5B0C-5E5F-4FC0-8C39-65469C1E6257?page=1</a>
Enabling the NHS to meet diverse needs across England by creating a new evidence base for the burden of death, disability and inequality, which underpinned priorities in the NHS Long Term Plan (2019-2024)	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/290CD333-6EF3-47A1-ACF2-1C22D5D966F4?page=1">https://results2021.ref.ac.uk/impact/290CD333-6EF3-47A1-ACF2-1C22D5D966F4?page=1</a>
Enhancing clinical diagnosis and management of Xeroderma Pigmentosum, Cockayne Syndrome and trichothiodystrophy	University of Sussex	<a href="https://results2021.ref.ac.uk/impact/AF86D132-098F-48D5-9DBD-E71B97C382FF?page=1">https://results2021.ref.ac.uk/impact/AF86D132-098F-48D5-9DBD-E71B97C382FF?page=1</a>
Enhancing clinical guidelines and professional training to transform the management of early psychosis and schizophrenia	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/CA847930-6A4D-49B6-9196-BBAC31D5C212?page=1">https://results2021.ref.ac.uk/impact/CA847930-6A4D-49B6-9196-BBAC31D5C212?page=1</a>
Enhancing clinical trial transparency and reporting	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/E16F947F-BDCB-4F4C-8DC9-4EA0AFEB31E4?page=1">https://results2021.ref.ac.uk/impact/E16F947F-BDCB-4F4C-8DC9-4EA0AFEB31E4?page=1</a>
Enhancing global, UK and Scottish physical activity policy and guidance	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/67BB16F8-C5CF-">https://results2021.ref.ac.uk/impact/67BB16F8-C5CF-</a>



		<a href="https://results2021.ref.ac.uk/impact/4284-8341-F8CD303FBF88?page=1">4284-8341-F8CD303FBF88?page=1</a>
Enhancing Non-Invasive Diagnosis of Liver Disease	The University of Westminster	<a href="https://results2021.ref.ac.uk/impact/D9A269DA-3138-4F74-8868-A14281F57A58?page=1">https://results2021.ref.ac.uk/impact/D9A269DA-3138-4F74-8868-A14281F57A58?page=1</a>
Enhancing older people's accessibility and activity in unfamiliar places through age-friendly planning	Kingston University	<a href="https://results2021.ref.ac.uk/impact/B131AA64-D621-43FA-8DC2-0EB1BB5E7C47?page=1">https://results2021.ref.ac.uk/impact/B131AA64-D621-43FA-8DC2-0EB1BB5E7C47?page=1</a>
Enhancing the clinical utility of cardiac troponin	The University of Westminster	<a href="https://results2021.ref.ac.uk/impact/561C2413-CB0A-4467-8089-1C86D23061C1?page=1">https://results2021.ref.ac.uk/impact/561C2413-CB0A-4467-8089-1C86D23061C1?page=1</a>
Enhancing the methodology for identifying and prioritizing adverse effects data in clinical trials and systematic reviews of healthcare interventions	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/F24904B3-3973-42A1-88BA-6CC1A4BD37AC?page=1">https://results2021.ref.ac.uk/impact/F24904B3-3973-42A1-88BA-6CC1A4BD37AC?page=1</a>
Ensuring Right to Health and HIV prevention, treatment and care in African prisons	Liverpool John Moores University	<a href="https://results2021.ref.ac.uk/impact/CF7A3898-5B2C-4B58-B0AC-D214E212EEB4?page=1">https://results2021.ref.ac.uk/impact/CF7A3898-5B2C-4B58-B0AC-D214E212EEB4?page=1</a>
Ensuring safe access to the influenza vaccination programmes in the UK and US for children with egg allergies and asthma.	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/C5DF444C-F64C-439E-85AF-2C4F51FE3314?page=1">https://results2021.ref.ac.uk/impact/C5DF444C-F64C-439E-85AF-2C4F51FE3314?page=1</a>
EnteroBase, a platform for analysis of bacterial genomes to trace foodborne bacterial disease outbreaks	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/40914AA3-4CE1-46C0-BFD8-50B84884B2C4?page=1">https://results2021.ref.ac.uk/impact/40914AA3-4CE1-46C0-BFD8-50B84884B2C4?page=1</a>
Epidiolex as a novel treatment for drug-resistant epilepsy	Aston University	<a href="https://results2021.ref.ac.uk/impact/7BD9EA81-30FD-4B79-99E2-260E28D4C797?page=1">https://results2021.ref.ac.uk/impact/7BD9EA81-30FD-4B79-99E2-260E28D4C797?page=1</a>
Establishing a hormone-releasing coil as the first-line treatment for women with heavy periods	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/02765080-738D-4A47-B16E-622992B238E8?page=1">https://results2021.ref.ac.uk/impact/02765080-738D-4A47-B16E-622992B238E8?page=1</a>
Establishing a supply chain for a revolutionary new reagent for the global pharmaceutical industry	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/39F5362B-1A31-43BC-BE17-06B1F893ADF3?page=1">https://results2021.ref.ac.uk/impact/39F5362B-1A31-43BC-BE17-06B1F893ADF3?page=1</a>
Establishing Caldan Therapeutics Ltd: a spin-out company to exploit the first selective agonists of Free Fatty Acid Receptors	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/D53DE313-81D7-4A5D-A181-AD3E8050ABC8?page=1">https://results2021.ref.ac.uk/impact/D53DE313-81D7-4A5D-A181-AD3E8050ABC8?page=1</a>
<b>Establishing new worldwide standards of care for prostate cancer patients</b>	<b>Cardiff University</b>	<a href="https://results2021.ref.ac.uk/impact/7D5120BB-0D4C-45A5-866C-302CA417A6F1?page=1">https://results2021.ref.ac.uk/impact/7D5120BB-0D4C-45A5-866C-302CA417A6F1?page=1</a>

Estimating Health Opportunity Costs	University of York	<a href="https://results2021.ref.ac.uk/impact/F7D3D000-8000-40CF-BBD1-414A24BD9749?page=1">https://results2021.ref.ac.uk/impact/F7D3D000-8000-40CF-BBD1-414A24BD9749?page=1</a>
Everyone In: shaping the combined housing and health response to reduce COVID-19 transmission and fatalities among the homeless population.	University College London	<a href="https://results2021.ref.ac.uk/impact/1D519262-C1B7-48DC-94E5-E0D8A650FE12?page=1">https://results2021.ref.ac.uk/impact/1D519262-C1B7-48DC-94E5-E0D8A650FE12?page=1</a>
<b>Evidence synthesis methods yield benefits to patients, organisations issuing healthcare policy and guidance, and commercial companies</b>	<b>University of Bristol</b>	<a href="https://results2021.ref.ac.uk/impact/EC4FDEED-F654-49BF-8DE9-A678B0A15A90?page=1">https://results2021.ref.ac.uk/impact/EC4FDEED-F654-49BF-8DE9-A678B0A15A90?page=1</a>
<b>Evidence-based treatments for clinically localised prostate cancer: policy, practice, and health impacts of the ProtecT randomised treatment trial</b>	<b>University of Bristol</b>	<a href="https://results2021.ref.ac.uk/impact/054CFB30-CC42-429A-90AD-F3127B344F0F?page=1">https://results2021.ref.ac.uk/impact/054CFB30-CC42-429A-90AD-F3127B344F0F?page=1</a>
Exercise as Medicine	University of Wolverhampton	<a href="https://results2021.ref.ac.uk/impact/497E9B50-E1D9-4EC2-A60F-74528A1F4766?page=1">https://results2021.ref.ac.uk/impact/497E9B50-E1D9-4EC2-A60F-74528A1F4766?page=1</a>
Expanded Understandings of Mental Health Beyond Rationality and Success	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/850E465C-80B1-406C-9D94-D2FC22C20C9B?page=1">https://results2021.ref.ac.uk/impact/850E465C-80B1-406C-9D94-D2FC22C20C9B?page=1</a>
Extending the indications for the clot-busting drug alteplase for treatment of acute ischaemic stroke increases patient survival and independent living worldwide	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/875AE601-FE22-4A7E-8FD4-422CE0848AA5?page=1">https://results2021.ref.ac.uk/impact/875AE601-FE22-4A7E-8FD4-422CE0848AA5?page=1</a>
Fertility preservation – informing policy and practice for female and male cancer patients.	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/FEEB2947-BAB3-4D85-83CB-9737EE9BA9F3?page=1">https://results2021.ref.ac.uk/impact/FEEB2947-BAB3-4D85-83CB-9737EE9BA9F3?page=1</a>
Fibrofind, a stable human alternative for testing anti-fibrotic drugs	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/7273E866-02EB-42BE-A93B-8FC07D63C827?page=1">https://results2021.ref.ac.uk/impact/7273E866-02EB-42BE-A93B-8FC07D63C827?page=1</a>
Fighting Childhood Obesity in the UK through Sugar Reduction	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/9FF1BF34-FB7E-4611-BE7C-2A2E42E1B3FD?page=1">https://results2021.ref.ac.uk/impact/9FF1BF34-FB7E-4611-BE7C-2A2E42E1B3FD?page=1</a>
Fluorescent Retinoids	University of Durham	<a href="https://results2021.ref.ac.uk/impact/EA45945D-06DD-4B7D-917B-BA87E703D777?page=1">https://results2021.ref.ac.uk/impact/EA45945D-06DD-4B7D-917B-BA87E703D777?page=1</a>
Food Policies and Disease Prevention - the IMPACT model	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/E32B30A3-4804-4709-8598-388CE365ABC2?page=1">https://results2021.ref.ac.uk/impact/E32B30A3-4804-4709-8598-388CE365ABC2?page=1</a>

<b>Football Fans in Training – walking towards increased physical activity and weight loss for football fans</b>	<b>University of Edinburgh</b>	<a href="https://results2021.ref.ac.uk/impact/8950A296-5B2A-4A0F-8355-D53200FC74C6?page=1">https://results2021.ref.ac.uk/impact/8950A296-5B2A-4A0F-8355-D53200FC74C6?page=1</a>
FRAX – Identification and treatment of patients at high risk of osteoporotic fractures	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/7B4FE1FF-808F-45E8-A4D1-010471290CB8?page=1">https://results2021.ref.ac.uk/impact/7B4FE1FF-808F-45E8-A4D1-010471290CB8?page=1</a>
Fundamental research on exhausted T-cells leads to creation of a spinout providing immune-oncology assays to the pharmaceutical industry, supporting drug development efforts	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/F49E4116-2CC0-407E-8FE2-977901B270DC?page=1">https://results2021.ref.ac.uk/impact/F49E4116-2CC0-407E-8FE2-977901B270DC?page=1</a>
Galliprost – Democratisation of PET imaging technology for prostate cancer patients through smart radiochemistry	King's College London	<a href="https://results2021.ref.ac.uk/impact/3EC64AAD-8761-4F4C-8B8C-B2015805ADEB?page=1">https://results2021.ref.ac.uk/impact/3EC64AAD-8761-4F4C-8B8C-B2015805ADEB?page=1</a>
<b>General-purpose Bayesian inference software has revolutionized data science globally</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/8CBBAE84-5793-43EA-AC9B-DDE8DD459844?page=1">https://results2021.ref.ac.uk/impact/8CBBAE84-5793-43EA-AC9B-DDE8DD459844?page=1</a>
Generating data and solutions to save newborn lives	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/74FE01CF-2896-4718-BA1E-C8B3A5B66BE0?page=1">https://results2021.ref.ac.uk/impact/74FE01CF-2896-4718-BA1E-C8B3A5B66BE0?page=1</a>
Generating geographic data to inform policy, social welfare and learning for tackling health and social inequalities	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/F274D1DD-34C4-4C5D-9D1F-06E1E0D937AE?page=1">https://results2021.ref.ac.uk/impact/F274D1DD-34C4-4C5D-9D1F-06E1E0D937AE?page=1</a>
Generating pathogen genomes for public health benefit.	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/594572D1-0146-457C-864A-91F40EABB58D?page=1">https://results2021.ref.ac.uk/impact/594572D1-0146-457C-864A-91F40EABB58D?page=1</a>
Generating world-class evidence that has transformed national and international prescribing practices and improved care for people with skin diseases	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/7BE24593-A991-44A1-A005-7DACEBB37C99?page=1">https://results2021.ref.ac.uk/impact/7BE24593-A991-44A1-A005-7DACEBB37C99?page=1</a>
Genetic epigenetics: Discovering, diagnosing and treating imprinting disorders (IDs) – a transformational program	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/7A82D622-2AFD-4F19-A73C-5B5BD08FAB56?page=1">https://results2021.ref.ac.uk/impact/7A82D622-2AFD-4F19-A73C-5B5BD08FAB56?page=1</a>
Genetic profiling establishes mTOR inhibitors as first line therapy for tuberous sclerosis-associated kidney disease	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/C0FCDB4C-68BC-480E-B256-118DFB180A1A?page=1">https://results2021.ref.ac.uk/impact/C0FCDB4C-68BC-480E-B256-118DFB180A1A?page=1</a>
Genetic test improves prediction of type 1 diabetes, treatment decisions and enhances clinical trials	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/8965273F-D0BC-41DE-B284-52A7D5C7A792?page=1">https://results2021.ref.ac.uk/impact/8965273F-D0BC-41DE-B284-52A7D5C7A792?page=1</a>
Genomics-enabled breeding for disease resistance prevents mortality and improves welfare in aquaculture	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/CFA1E117-86B0-">https://results2021.ref.ac.uk/impact/CFA1E117-86B0-</a>

		<a href="https://results2021.ref.ac.uk/impact/41D0-BC31-8DAB95FF0C64?page=1">41D0-BC31-8DAB95FF0C64?page=1</a>
Global access to a sight-saving therapy for children with arthritis-associated uveitis	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/824BEFF0-98F6-46F4-A071-4B33FA24EFC9?page=1">https://results2021.ref.ac.uk/impact/824BEFF0-98F6-46F4-A071-4B33FA24EFC9?page=1</a>
Global and national guidelines for prevention of obesity through early-life physical activity	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/D4A021D7-47D6-4C7D-90F2-EA0570B17CC8?page=1">https://results2021.ref.ac.uk/impact/D4A021D7-47D6-4C7D-90F2-EA0570B17CC8?page=1</a>
<b>Global implementation of Instantaneous wave-free ratio (iFR) to diagnose coronary stenosis.</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/19707AD6-FD94-42E7-ACA4-37DF6B6C633E?page=1">https://results2021.ref.ac.uk/impact/19707AD6-FD94-42E7-ACA4-37DF6B6C633E?page=1</a>
Global Scale-Up of HIV Self-Testing: Reaching Vulnerable Populations Worldwide	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/CE53DDF8-3191-4033-BE4D-94BDB78FC62E?page=1">https://results2021.ref.ac.uk/impact/CE53DDF8-3191-4033-BE4D-94BDB78FC62E?page=1</a>
Global surgical studies inform hospital care during the COVID-19 pandemic	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/BBB9A65F-5CEE-4520-8D24-C4C36AA260C1?page=1">https://results2021.ref.ac.uk/impact/BBB9A65F-5CEE-4520-8D24-C4C36AA260C1?page=1</a>
Glucocorticoid treatment improves COVID-19 survival: the REMAP-CAP trial	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/B1400FD3-4687-453F-A939-49D9E6B76F50?page=1">https://results2021.ref.ac.uk/impact/B1400FD3-4687-453F-A939-49D9E6B76F50?page=1</a>
Gowerlabs – advancing optical brain imaging for neuroscience applications in industry	University College London	<a href="https://results2021.ref.ac.uk/impact/84657FF7-8B51-48CE-9055-D83A450B5A64?page=1">https://results2021.ref.ac.uk/impact/84657FF7-8B51-48CE-9055-D83A450B5A64?page=1</a>
GripAble <sup>TM</sup> : enabling self-directed arm rehabilitation	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/24E1430E-03C2-4B96-9254-0FA924478BDF?page=1">https://results2021.ref.ac.uk/impact/24E1430E-03C2-4B96-9254-0FA924478BDF?page=1</a>
Guiding nanoscopic probe design and developing methods to benchmark AFM performance using double helix DNA imaging	University College London	<a href="https://results2021.ref.ac.uk/impact/0E71F442-3234-4EAA-B41D-9907CEFD4B9C?page=1">https://results2021.ref.ac.uk/impact/0E71F442-3234-4EAA-B41D-9907CEFD4B9C?page=1</a>
Harm Minimisation in Digital Gambling	University of Lincoln	<a href="https://results2021.ref.ac.uk/impact/43B18DEC-1486-4FFA-B263-3982FE1D10D4?page=1">https://results2021.ref.ac.uk/impact/43B18DEC-1486-4FFA-B263-3982FE1D10D4?page=1</a>
<b>Harnessing the draw of professional sports clubs to deliver improvements in health and wellbeing among at-risk groups</b>	<b>University of Glasgow</b>	<a href="https://results2021.ref.ac.uk/impact/F08F235A-2F69-4E06-AAE4-49E282E7CEC2?page=1">https://results2021.ref.ac.uk/impact/F08F235A-2F69-4E06-AAE4-49E282E7CEC2?page=1</a>
Hellblade: the award-winning computer game challenging stigma of psychosis and mental illness	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/9AEBA804-2F6A-4864-A874-D9394BD025ED?page=1">https://results2021.ref.ac.uk/impact/9AEBA804-2F6A-4864-A874-D9394BD025ED?page=1</a>

Helping people with severe spinal injuries to walk and regain bodily functions: from animals to humans.	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/B860B013-C625-4653-A3B5-280FC4C082C1?page=1">https://results2021.ref.ac.uk/impact/B860B013-C625-4653-A3B5-280FC4C082C1?page=1</a>
<b>HIV policy formulation and prevention: driving the decision for and implementation of publicly-funded pre-exposure prophylaxis in Scotland</b>	<b>University of Glasgow</b>	<a href="https://results2021.ref.ac.uk/impact/8D73BB3B-8E89-4269-98ED-F13086EA4879?page=1">https://results2021.ref.ac.uk/impact/8D73BB3B-8E89-4269-98ED-F13086EA4879?page=1</a>
Human-derived limbal cell transplant to treat chemical burns of the eye	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/6B319D21-F896-4D7C-A47E-4B9C153E8D8B?page=1">https://results2021.ref.ac.uk/impact/6B319D21-F896-4D7C-A47E-4B9C153E8D8B?page=1</a>
Identifying and addressing the challenges of NHS IT policy and practice	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/20C15A7C-AE5C-4695-9F84-35622861C574?page=1">https://results2021.ref.ac.uk/impact/20C15A7C-AE5C-4695-9F84-35622861C574?page=1</a>
<b>Identifying cost-effective imaging strategies to diagnose acute stroke and to prevent secondary disabling stroke</b>	<b>University of Edinburgh</b>	<a href="https://results2021.ref.ac.uk/impact/FD43725F-4B75-4558-8D4A-30DE1A9733E5?page=1">https://results2021.ref.ac.uk/impact/FD43725F-4B75-4558-8D4A-30DE1A9733E5?page=1</a>
Identifying dexamethasone as a lifesaving treatment for ventilated COVID-19 patients	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/742295F6-F139-4369-85C0-2D95A38CBA00?page=1">https://results2021.ref.ac.uk/impact/742295F6-F139-4369-85C0-2D95A38CBA00?page=1</a>
Identifying, Preventing and Treating Type-2 Diabetes	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/EE940641-9CA4-4883-8CAA-3C9809B9CD22?page=1">https://results2021.ref.ac.uk/impact/EE940641-9CA4-4883-8CAA-3C9809B9CD22?page=1</a>
Imaging-based diagnostics for patient selection and treatment of acute ischaemic stroke	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/F0E4ABFB-B56F-420E-9882-BA58851CDDF0?page=1">https://results2021.ref.ac.uk/impact/F0E4ABFB-B56F-420E-9882-BA58851CDDF0?page=1</a>
Impact in the marketplace: translating research to brands for business growth and consumer communication.	The University of Bradford	<a href="https://results2021.ref.ac.uk/impact/AAC21EA6-9616-40FF-9950-2590EE2880E5?page=1">https://results2021.ref.ac.uk/impact/AAC21EA6-9616-40FF-9950-2590EE2880E5?page=1</a>
Impact of compassion-based interventions on health and wellbeing	University of Derby	<a href="https://results2021.ref.ac.uk/impact/99CADE6E-35ED-4B6B-8C87-62077AD6AA8C?page=1">https://results2021.ref.ac.uk/impact/99CADE6E-35ED-4B6B-8C87-62077AD6AA8C?page=1</a>
Impact of evolutionary biology research on community-based conservation and public awareness in Cape Verde	The University of Bath	<a href="https://results2021.ref.ac.uk/impact/BEE35710-1B33-4DBC-8E0D-5C86895154DE?page=1">https://results2021.ref.ac.uk/impact/BEE35710-1B33-4DBC-8E0D-5C86895154DE?page=1</a>
Impact of research on the assessment, management and perception of pain on national and international professional body guidance, government policies and practice in the UK, New Zealand and US to improve long term outcomes for older people	University of Greenwich	<a href="https://results2021.ref.ac.uk/impact/63D07E79-068A-4599-9FF3-BCC13673E3E4?page=1">https://results2021.ref.ac.uk/impact/63D07E79-068A-4599-9FF3-BCC13673E3E4?page=1</a>



and those with mental and neurological disorders.		
Implementation of standardised tobacco packaging has reduced smoking prevalence and smoking uptake worldwide	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/598564C7-50A8-43D6-82CE-3B955ACBC956?page=1">https://results2021.ref.ac.uk/impact/598564C7-50A8-43D6-82CE-3B955ACBC956?page=1</a>
Implementing PINCER to reduce medication errors in general practices	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/A5F86DED-0279-4156-B13D-44916F86E2D5?page=1">https://results2021.ref.ac.uk/impact/A5F86DED-0279-4156-B13D-44916F86E2D5?page=1</a>
Improved accuracy of cardiac ablation by widespread implementation of Ripple Mapping	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/62C38BEE-D9AF-47A6-9A12-E253B7D62065?page=1">https://results2021.ref.ac.uk/impact/62C38BEE-D9AF-47A6-9A12-E253B7D62065?page=1</a>
Improved detection, monitoring and treatment of HIV, Influenza and SARS-CoV-2 through genomics and bioinformatics	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/7E7A9373-05A0-4E1C-8FB2-F3A3C9758758?page=1">https://results2021.ref.ac.uk/impact/7E7A9373-05A0-4E1C-8FB2-F3A3C9758758?page=1</a>
Improved infection awareness, prevention and treatment in hard-to-reach groups.	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/1C0B533D-2FAA-4C72-85FF-8CDEE9D55C8C?page=1">https://results2021.ref.ac.uk/impact/1C0B533D-2FAA-4C72-85FF-8CDEE9D55C8C?page=1</a>
Improved long-term quality of life of patients with overactive bladder syndrome with Botulinum Toxin-A bladder injections	King's College London	<a href="https://results2021.ref.ac.uk/impact/147695DB-AD9B-4C7D-9594-ACF23F127131?page=1">https://results2021.ref.ac.uk/impact/147695DB-AD9B-4C7D-9594-ACF23F127131?page=1</a>
Improved outcomes and suicide prevention from changes to prescribing practice in treating depression, bipolar disorder and schizophrenia	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/57D4A31E-E1F4-4C4C-92BB-C8B665B03D91?page=1">https://results2021.ref.ac.uk/impact/57D4A31E-E1F4-4C4C-92BB-C8B665B03D91?page=1</a>
Improved patient health and reduced burden on NHS services through new interventions for chronic respiratory conditions	University of Portsmouth	<a href="https://results2021.ref.ac.uk/impact/F7371596-B7BF-48BD-A9F3-5E120BD37782?page=1">https://results2021.ref.ac.uk/impact/F7371596-B7BF-48BD-A9F3-5E120BD37782?page=1</a>
Improved patient outcomes through evidence-based decisions by Scottish and global health organisations	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/522B4343-E552-486C-81FD-ACF73FE65595?page=1">https://results2021.ref.ac.uk/impact/522B4343-E552-486C-81FD-ACF73FE65595?page=1</a>
Improved radiotherapy approaches for breast cancer treatment	The Institute of Cancer Research	<a href="https://results2021.ref.ac.uk/impact/B606D59D-AEE3-45DB-A1CA-F18276FE2B95?page=1">https://results2021.ref.ac.uk/impact/B606D59D-AEE3-45DB-A1CA-F18276FE2B95?page=1</a>
Improved radiotherapy approaches for prostate cancer treatment	The Institute of Cancer Research	<a href="https://results2021.ref.ac.uk/impact/EB6D1A6A-12CE-4D14-B913-4803BE46BD5C?page=1">https://results2021.ref.ac.uk/impact/EB6D1A6A-12CE-4D14-B913-4803BE46BD5C?page=1</a>
Improvements in non-surgical treatments in orthopaedic conditions of the lower limb	University of Central Lancashire	<a href="https://results2021.ref.ac.uk/impact/8D39E720-E854-4E2E-BB6C-3E1FAB6D35E7?page=1">https://results2021.ref.ac.uk/impact/8D39E720-E854-4E2E-BB6C-3E1FAB6D35E7?page=1</a>

Improving access to evidence-based treatments for children with anxiety disorders.	The University of Reading	<a href="https://results2021.ref.ac.uk/impact/50E329B7-1F7E-4809-A723-0BDD2DCBE026?page=1">https://results2021.ref.ac.uk/impact/50E329B7-1F7E-4809-A723-0BDD2DCBE026?page=1</a>
Improving cancer treatments and patient outcomes using Fluorescence Lifetime Imaging Microscopy\Förster Resonance Energy Transfer \((FLIM\FRET)\)	King's College London	<a href="https://results2021.ref.ac.uk/impact/33E2B41F-A0FA-4AEC-9B24-D489E1F34C4E?page=1">https://results2021.ref.ac.uk/impact/33E2B41F-A0FA-4AEC-9B24-D489E1F34C4E?page=1</a>
Improving cancer treatments and patient outcomes using Fluorescence Lifetime Imaging Microscopy\Förster Resonance Energy Transfer \((FLIM\FRET)\)	King's College London	<a href="https://results2021.ref.ac.uk/impact/8E3DB5A8-5C68-4FF1-9944-AD6852140300?page=1">https://results2021.ref.ac.uk/impact/8E3DB5A8-5C68-4FF1-9944-AD6852140300?page=1</a>
Improving child nutrition and breastfeeding policies and programmes in Kenya	Loughborough University	<a href="https://results2021.ref.ac.uk/impact/50CF86BD-D862-4B86-8692-84EBF7636D3F?page=1">https://results2021.ref.ac.uk/impact/50CF86BD-D862-4B86-8692-84EBF7636D3F?page=1</a>
Improving Chronic Liver Disease Diagnosis and Prevention: Implementing Novel, Non-Invasive Tests and Pathways in England, Scotland and India	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/7A01AEA4-057A-4180-AF2A-ECA651B83D36?page=1">https://results2021.ref.ac.uk/impact/7A01AEA4-057A-4180-AF2A-ECA651B83D36?page=1</a>
Improving developmental surveillance and educational support for children born preterm	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/2AB6722E-85C9-46AF-89BF-23CEB7471438?page=1">https://results2021.ref.ac.uk/impact/2AB6722E-85C9-46AF-89BF-23CEB7471438?page=1</a>
Improving Diagnosis and Patient Outcomes in Developmental Retinal Diseases \((DRDs)\)	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/C2414F0B-72C4-44B9-90A3-370BBA50ACEC?page=1">https://results2021.ref.ac.uk/impact/C2414F0B-72C4-44B9-90A3-370BBA50ACEC?page=1</a>
Improving Drug Safety Screening: 3D – Liver Spheroid Toxicity Model	Liverpool John Moores University	<a href="https://results2021.ref.ac.uk/impact/DF67B0FA-CE01-43EC-9CFD-C54C9AFFA36C?page=1">https://results2021.ref.ac.uk/impact/DF67B0FA-CE01-43EC-9CFD-C54C9AFFA36C?page=1</a>
Improving drug-induced remission in rheumatoid arthritis, and safely stopping the long-term use of drugs without disease flare	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/20FAE694-FF2D-4717-BABA-71E17D2C6EDD?page=1">https://results2021.ref.ac.uk/impact/20FAE694-FF2D-4717-BABA-71E17D2C6EDD?page=1</a>
Improving fertility knowledge through policy change in Japan	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/A353A6CC-5CD9-4BF7-A73C-D4FDAF6FAB14?page=1">https://results2021.ref.ac.uk/impact/A353A6CC-5CD9-4BF7-A73C-D4FDAF6FAB14?page=1</a>
Improving follow-up care for men after prostate cancer treatment	The University of Surrey	<a href="https://results2021.ref.ac.uk/impact/719C299E-39F9-4B10-9237-15C9F122B768?page=1">https://results2021.ref.ac.uk/impact/719C299E-39F9-4B10-9237-15C9F122B768?page=1</a>
Improving genetic diagnosis for blood disorders	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/C85C7BF5-CC1F-4A20-A988-E7F4CECD47BC?page=1">https://results2021.ref.ac.uk/impact/C85C7BF5-CC1F-4A20-A988-E7F4CECD47BC?page=1</a>
Improving Health of Homeless Through Exercise	Anglia Ruskin University	<a href="https://results2021.ref.ac.uk/impact/0BED2BF0-02DF-">https://results2021.ref.ac.uk/impact/0BED2BF0-02DF-</a>

		<a href="https://results2021.ref.ac.uk/impact/4FE9-B0BA-67A10803C763?page=1">4FE9-B0BA-67A10803C763?page=1</a>
Improving health through reductions in population sugar consumption	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/EB96EAD9-FF03-4DF6-8367-F3034DCDA175?page=1">https://results2021.ref.ac.uk/impact/EB96EAD9-FF03-4DF6-8367-F3034DCDA175?page=1</a>
Improving healthcare and animal welfare using statistical shape models	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/7E8810DC-03EA-4F0B-B0AB-D5542BC50826?page=1">https://results2021.ref.ac.uk/impact/7E8810DC-03EA-4F0B-B0AB-D5542BC50826?page=1</a>
Improving informed parental choice in prenatal screening services	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/E31BC38D-10A6-42EC-9300-14E4C1973F27?page=1">https://results2021.ref.ac.uk/impact/E31BC38D-10A6-42EC-9300-14E4C1973F27?page=1</a>
Improving Laryngectomy Clinical Practice, Patient Care, and Quality of Life Across the UK	The University of Kent	<a href="https://results2021.ref.ac.uk/impact/67CA66B4-2B60-4DE7-8496-CF48EF8CAA99?page=1">https://results2021.ref.ac.uk/impact/67CA66B4-2B60-4DE7-8496-CF48EF8CAA99?page=1</a>
Improving management of neutropenic sepsis in paediatric cancer patients	University of York	<a href="https://results2021.ref.ac.uk/impact/F7E2B461-5990-475C-9CEB-85FE2B1051D9?page=1">https://results2021.ref.ac.uk/impact/F7E2B461-5990-475C-9CEB-85FE2B1051D9?page=1</a>
Improving measurement of health outcomes for NICE appraisals	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/5E9A887C-F7C8-4A3E-ACC9-35D1B19F9D19?page=1">https://results2021.ref.ac.uk/impact/5E9A887C-F7C8-4A3E-ACC9-35D1B19F9D19?page=1</a>
Improving medical risk communication for cancer patients, clinicians and the general public during the covid-19 pandemic	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/8BD51BE0-4F24-4D76-9D59-B296D970D358?page=1">https://results2021.ref.ac.uk/impact/8BD51BE0-4F24-4D76-9D59-B296D970D358?page=1</a>
<b>Improving mental healthcare through tools for effective clinical communication</b>	<b>Queen Mary University of London</b>	<a href="https://results2021.ref.ac.uk/impact/9644C17E-D21D-40F2-AC90-7F6F3B74D38C?page=1">https://results2021.ref.ac.uk/impact/9644C17E-D21D-40F2-AC90-7F6F3B74D38C?page=1</a>
Improving obesity and metabolic risk assessment in children	London Metropolitan University	<a href="https://results2021.ref.ac.uk/impact/AE8C1AA6-8D1B-4E90-918B-8268FFA4676A?page=1">https://results2021.ref.ac.uk/impact/AE8C1AA6-8D1B-4E90-918B-8268FFA4676A?page=1</a>
Improving outcomes and minimising harm with in vitro fertilisation (IVF)	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/8E081493-A931-4F13-A425-7D9DE090565E?page=1">https://results2021.ref.ac.uk/impact/8E081493-A931-4F13-A425-7D9DE090565E?page=1</a>
<b>Improving outcomes for patients with advanced prostate cancer: practice-changing evidence for new treatments</b>	<b>The University of Birmingham</b>	<a href="https://results2021.ref.ac.uk/impact/413DB6A8-61F6-42C5-8437-E6F0D1A96289?page=1">https://results2021.ref.ac.uk/impact/413DB6A8-61F6-42C5-8437-E6F0D1A96289?page=1</a>
Improving outcomes for people with rheumatoid arthritis by facilitating and optimising early treatment regimens	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/4CA4F785-3D93-457B-AEDD-4CFE8254956F?page=1">https://results2021.ref.ac.uk/impact/4CA4F785-3D93-457B-AEDD-4CFE8254956F?page=1</a>
Improving outcomes from sudden cardiac arrest	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/F0320745-1686-47D3-">https://results2021.ref.ac.uk/impact/F0320745-1686-47D3-</a>



		<a href="https://results2021.ref.ac.uk/impact/B7B0EB55-4C09-4894-8825-F0247BD32F80?page=1">92F8-C7E4332A6215?page=1</a>
Improving patient outcomes and treatment guidelines through the study of Hepatitis C	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/B7B0EB55-4C09-4894-8825-F0247BD32F80?page=1">https://results2021.ref.ac.uk/impact/B7B0EB55-4C09-4894-8825-F0247BD32F80?page=1</a>
Improving patient safety using a behaviour change intervention	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/51CD5DE7-B8A1-4AA6-9D60-539B070782CE?page=1">https://results2021.ref.ac.uk/impact/51CD5DE7-B8A1-4AA6-9D60-539B070782CE?page=1</a>
Improving policy making via the Born in Bradford cohort	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/D4219523-83BB-4A9D-97B5-8098455E5FE5?page=1">https://results2021.ref.ac.uk/impact/D4219523-83BB-4A9D-97B5-8098455E5FE5?page=1</a>
Improving population health and reducing inequalities by empowering planning decisions to promote healthier food environments	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/74305C24-B2F7-4380-A9FF-E4887B0856EA?page=1">https://results2021.ref.ac.uk/impact/74305C24-B2F7-4380-A9FF-E4887B0856EA?page=1</a>
Improving population health by promoting physical activity through transport decision-making, policy and planning	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/0F6CF62F-9506-472E-84F9-14A05F8A9AB7?page=1">https://results2021.ref.ac.uk/impact/0F6CF62F-9506-472E-84F9-14A05F8A9AB7?page=1</a>
Improving Quality of Life and Survival Rates of Acute Myeloid Leukaemia (AML) Patients with Innovative Molecularly Guided Therapy	King's College London	<a href="https://results2021.ref.ac.uk/impact/53DB92B6-88F9-4AB2-BD80-FDD8AA1DB0CA?page=1">https://results2021.ref.ac.uk/impact/53DB92B6-88F9-4AB2-BD80-FDD8AA1DB0CA?page=1</a>
Improving quality of life for patients with Parkinson's disease	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/3962FF3A-DCDE-488F-AF3E-CB2DCB203844?page=1">https://results2021.ref.ac.uk/impact/3962FF3A-DCDE-488F-AF3E-CB2DCB203844?page=1</a>
Improving school food standards and introducing universal free school meals for infants	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/D5B11C0E-E784-4447-AEBC-84C349F44E77?page=1">https://results2021.ref.ac.uk/impact/D5B11C0E-E784-4447-AEBC-84C349F44E77?page=1</a>
Improving sexual healthcare: Collaborating with partners in practice and policy	Queen's University of Belfast	<a href="https://results2021.ref.ac.uk/impact/7E18DE96-A251-445A-8DE2-BF2AA59027AB?page=1">https://results2021.ref.ac.uk/impact/7E18DE96-A251-445A-8DE2-BF2AA59027AB?page=1</a>
Improving surveillance and control of livestock diseases in Tanzania with community, government and industry partners	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/DF413A1B-274E-499C-B160-B99B5F5605B9?page=1">https://results2021.ref.ac.uk/impact/DF413A1B-274E-499C-B160-B99B5F5605B9?page=1</a>
Improving the clinical management of HIV and Hepatic Diseases worldwide: open access digital prescribing tools to optimise the management of drug-drug interactions	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/41F3289B-0014-40C9-97A9-4E413E6B936D?page=1">https://results2021.ref.ac.uk/impact/41F3289B-0014-40C9-97A9-4E413E6B936D?page=1</a>
Improving the diagnosis and management of hypertension through self-measurement of blood pressure at home	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/EB82249F-EA54-4464-8B7A-87A5E72AA18B?page=1">https://results2021.ref.ac.uk/impact/EB82249F-EA54-4464-8B7A-87A5E72AA18B?page=1</a>

Improving the lives of people affected by bipolar disorder through improved access to psychological therapies and better understanding of bipolar experiences	The University of Lancaster	<a href="https://results2021.ref.ac.uk/impact/1DA77584-9E3F-4171-8C8D-6881EB471DE9?page=1">https://results2021.ref.ac.uk/impact/1DA77584-9E3F-4171-8C8D-6881EB471DE9?page=1</a>
Improving the management of Brain Infections in the UK and internationally	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/44E6F11A-7F42-4272-9C1E-B928C020A8A1?page=1">https://results2021.ref.ac.uk/impact/44E6F11A-7F42-4272-9C1E-B928C020A8A1?page=1</a>
Improving the management of physical health in people with severe mental illness in the UK NHS and internationally	University College London	<a href="https://results2021.ref.ac.uk/impact/706C60CC-1EB5-46E7-9A3C-C57063D6C935?page=1">https://results2021.ref.ac.uk/impact/706C60CC-1EB5-46E7-9A3C-C57063D6C935?page=1</a>
Improving the oral health of UK children in deprived communities through policy and practice change	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/EBC2035B-366D-49D7-B2D8-FEB628EC760E?page=1">https://results2021.ref.ac.uk/impact/EBC2035B-366D-49D7-B2D8-FEB628EC760E?page=1</a>
Improving the reproducibility of preclinical research through more rigorous and robust policy and practice at publishers, funders and industry	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/B6655E0A-C7E3-4D34-8B89-B1088639F43E?page=1">https://results2021.ref.ac.uk/impact/B6655E0A-C7E3-4D34-8B89-B1088639F43E?page=1</a>
Improving the response to Ebola outbreaks	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/A0051C1B-E100-45FE-94F9-F7FE51132528?page=1">https://results2021.ref.ac.uk/impact/A0051C1B-E100-45FE-94F9-F7FE51132528?page=1</a>
Improving the safety and efficiency of blood donation and transfusion	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/FE1E3918-F39F-4708-906F-4E99273F3B6D?page=1">https://results2021.ref.ac.uk/impact/FE1E3918-F39F-4708-906F-4E99273F3B6D?page=1</a>
Improving the safety and quality of healthcare using statistical analysis of routinely collected data	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/E4432929-B5C5-49F6-9374-DF2F1AD3801F?page=1">https://results2021.ref.ac.uk/impact/E4432929-B5C5-49F6-9374-DF2F1AD3801F?page=1</a>
Improving the timing and effectiveness of psychological treatment of post-traumatic stress disorder in youth	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/C2FCA979-9D8B-4A87-8D27-7BF2D2AE92C7?page=1">https://results2021.ref.ac.uk/impact/C2FCA979-9D8B-4A87-8D27-7BF2D2AE92C7?page=1</a>
Improving the transition of young people with long-term health conditions from child- to adult-oriented healthcare	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/1EC815AB-008D-4F65-9CEC-7DAFAD73957B?page=1">https://results2021.ref.ac.uk/impact/1EC815AB-008D-4F65-9CEC-7DAFAD73957B?page=1</a>
Improving the wellbeing of international women migrants and their families in Indonesia	University of Portsmouth	<a href="https://results2021.ref.ac.uk/impact/5AEAD5DD-5555-483A-9881-B165B9B42179?page=1">https://results2021.ref.ac.uk/impact/5AEAD5DD-5555-483A-9881-B165B9B42179?page=1</a>
Improving treatment and re-treatment outcomes in patients with chronic hepatitis C virus infection	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/450EE5ED-A0BA-4B34-A2F7-EB966C699A8C?page=1">https://results2021.ref.ac.uk/impact/450EE5ED-A0BA-4B34-A2F7-EB966C699A8C?page=1</a>
Improving understanding of employability and the effectiveness of employment support	University of Stirling	<a href="https://results2021.ref.ac.uk/impact/2220014D-3D8F-4227-BCF9-E64C62277813?page=1">https://results2021.ref.ac.uk/impact/2220014D-3D8F-4227-BCF9-E64C62277813?page=1</a>

Improving weight management through increased access to evidence-based weight loss support	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/F4CA9699-35E7-49EA-9683-80ED480A5570?page=1">https://results2021.ref.ac.uk/impact/F4CA9699-35E7-49EA-9683-80ED480A5570?page=1</a>
Inclusive design for healthcare: creating impact in clinical practice and commercial investment by addressing barriers to innovation	The Royal College of Art	<a href="https://results2021.ref.ac.uk/impact/EA55C991-8326-4680-90DC-6D08530228ED?page=1">https://results2021.ref.ac.uk/impact/EA55C991-8326-4680-90DC-6D08530228ED?page=1</a>
Increasing the intensity of cholesterol-lowering treatment to optimise cardiovascular risk reduction in high-risk populations	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/450FA7AB-D637-4498-9FB7-C56D59161363?page=1">https://results2021.ref.ac.uk/impact/450FA7AB-D637-4498-9FB7-C56D59161363?page=1</a>
Influencing Policy Change and Informing UK Government Decisions to Combat Air Pollution and Its Health Risks	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/FCF1C32D-1432-4B46-8187-6F7DB6D4C751?page=1">https://results2021.ref.ac.uk/impact/FCF1C32D-1432-4B46-8187-6F7DB6D4C751?page=1</a>
Influencing policy, educating the public and implementing placebo research that benefits patients	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/72DB90B2-5963-41C9-9B5C-24F6AEE026CE?page=1">https://results2021.ref.ac.uk/impact/72DB90B2-5963-41C9-9B5C-24F6AEE026CE?page=1</a>
Informed management strategies and vaccination programmes for influenza, Human Papilloma Virus and COVID-19	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/3544593F-A991-41F1-8F9E-BB911E72FB0D?page=1">https://results2021.ref.ac.uk/impact/3544593F-A991-41F1-8F9E-BB911E72FB0D?page=1</a>
Informing and changing national and international public health guidelines in physical activity and jet lag.	Teesside University	<a href="https://results2021.ref.ac.uk/impact/F66E488A-D2D5-48A9-BBD9-8B241B42A86B?page=1">https://results2021.ref.ac.uk/impact/F66E488A-D2D5-48A9-BBD9-8B241B42A86B?page=1</a>
Informing and influencing a multi-stranded national approach to mental health, suicide, and self-harm prevention	Swansea University	<a href="https://results2021.ref.ac.uk/impact/6750FF74-8E58-42C4-B9BA-BFEE8C532CBB?page=1">https://results2021.ref.ac.uk/impact/6750FF74-8E58-42C4-B9BA-BFEE8C532CBB?page=1</a>
Informing government policy and promoting smoking cessation through quantifying and communicating the effects of e-cigarettes	London South Bank University	<a href="https://results2021.ref.ac.uk/impact/3B150113-8E97-42D5-9B8A-F51963695C00?page=1">https://results2021.ref.ac.uk/impact/3B150113-8E97-42D5-9B8A-F51963695C00?page=1</a>
Informing national and international government's policy responses to the 2020 SARS-CoV-2 pandemic through epidemiological intelligence	The University of Lancaster	<a href="https://results2021.ref.ac.uk/impact/FC4C6F63-5ED6-490B-96C5-855C6697BE3A?page=1">https://results2021.ref.ac.uk/impact/FC4C6F63-5ED6-490B-96C5-855C6697BE3A?page=1</a>
Informing policies and debates on breastfeeding promotion	Brunel University London	<a href="https://results2021.ref.ac.uk/impact/25DC7E4C-8A33-4D5E-AB3C-04D816A20364?page=1">https://results2021.ref.ac.uk/impact/25DC7E4C-8A33-4D5E-AB3C-04D816A20364?page=1</a>
Informing public investment for health equity: Assessing government policy impacts on health, poverty and inequality	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/0A478CA4-9B53-44A0-B076-335D6BB650BF?page=1">https://results2021.ref.ac.uk/impact/0A478CA4-9B53-44A0-B076-335D6BB650BF?page=1</a>
Informing the adoption of standardised tobacco packaging in the UK	University of Stirling	<a href="https://results2021.ref.ac.uk/impact/DAEF2CCF-2F7F-4932-8FE4-2BD0F17B0564?page=1">https://results2021.ref.ac.uk/impact/DAEF2CCF-2F7F-4932-8FE4-2BD0F17B0564?page=1</a>

Informing the UK response to COVID-19	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/F5AE0F0B-865D-46A9-918C-2EECB4111487?page=1">https://results2021.ref.ac.uk/impact/F5AE0F0B-865D-46A9-918C-2EECB4111487?page=1</a>
Informing the WHO Guideline on sugars contributed to the global introduction of limits on sugar intake	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/6807E26F-45E9-419A-993C-17CDB79A556C?page=1">https://results2021.ref.ac.uk/impact/6807E26F-45E9-419A-993C-17CDB79A556C?page=1</a>
Innovative diagnostics and therapeutic advances in the global management of lysosomal diseases.	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/585771EE-742F-4192-A825-012BA5EE5B9F?page=1">https://results2021.ref.ac.uk/impact/585771EE-742F-4192-A825-012BA5EE5B9F?page=1</a>
Innovative research has developed, evaluated and supported implementation of novel scaleable physical activity interventions for children and adults	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/DF4A799C-002A-4745-B470-BEFD3E2DF140?page=1">https://results2021.ref.ac.uk/impact/DF4A799C-002A-4745-B470-BEFD3E2DF140?page=1</a>
Innovative technologies for field ophthalmology improve access to healthcare in low- and middle-income countries and in the UK	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/1C17D074-35D4-456C-A94D-5C104BAC71E9?page=1">https://results2021.ref.ac.uk/impact/1C17D074-35D4-456C-A94D-5C104BAC71E9?page=1</a>
Inspiring science and engineering researchers: entrepreneurial career development and economic impact from the YES programme.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/731598DD-A2BC-44BF-9C84-350244E197DE?page=1">https://results2021.ref.ac.uk/impact/731598DD-A2BC-44BF-9C84-350244E197DE?page=1</a>
<b>Instantaneous Wave-free Ratio (iFR) for the Diagnosis of Coronary Heart Disease</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/40EA2862-7FC7-46D0-B039-CB5F9F9AAF12?page=1">https://results2021.ref.ac.uk/impact/40EA2862-7FC7-46D0-B039-CB5F9F9AAF12?page=1</a>
Intake24: a free and accurate online food intake measure	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/E1627C2A-EFB3-42DE-A612-2997740EFACA?page=1">https://results2021.ref.ac.uk/impact/E1627C2A-EFB3-42DE-A612-2997740EFACA?page=1</a>
Integrated radiotracer synthesis and scanning to improve patient access to state-of-the-art diagnostic PET-CT scans for cancer treatment and other healthcare advances	The University of Hull	<a href="https://results2021.ref.ac.uk/impact/6046D97C-9464-4E97-9B51-22F96ED535B0?page=1">https://results2021.ref.ac.uk/impact/6046D97C-9464-4E97-9B51-22F96ED535B0?page=1</a>
Interdisciplinary Chemistry-led research leading to new ventures in Drug Discovery, Diagnostics and Personal Care	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/1247EF33-DB7B-4E4F-9A0D-F8F5E425F01B?page=1">https://results2021.ref.ac.uk/impact/1247EF33-DB7B-4E4F-9A0D-F8F5E425F01B?page=1</a>
Introduction of Minimum Excise Tax (MET) on Tobacco	The University of Bath	<a href="https://results2021.ref.ac.uk/impact/E808780D-9DDB-41C7-A258-5C7C422AB09D?page=1">https://results2021.ref.ac.uk/impact/E808780D-9DDB-41C7-A258-5C7C422AB09D?page=1</a>
Introduction of UK gender-neutral HPV vaccination programme following mathematical and economic modelling	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/137CB68F-2BEC-486E-9F7E-876F3E328AEB?page=1">https://results2021.ref.ac.uk/impact/137CB68F-2BEC-486E-9F7E-876F3E328AEB?page=1</a>
Invention and deployment of single dose cure and chemoprotective agent for malaria	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/F96333F4-F8AC-">https://results2021.ref.ac.uk/impact/F96333F4-F8AC-</a>

		<a href="https://results2021.ref.ac.uk/impact/4372-95F9-AB2D6629ECA3?page=1">4372-95F9-AB2D6629ECA3?page=1</a>
IVAN proves that a cheaper drug (bevacizumab/Avastin) is as good as much more expensive ranibizumab (Lucentis) for neovascular age-related macular degeneration	Queen's University of Belfast	<a href="https://results2021.ref.ac.uk/impact/4A54BCF1-84B3-47D8-A33A-83CBB6D9E54C?page=1">https://results2021.ref.ac.uk/impact/4A54BCF1-84B3-47D8-A33A-83CBB6D9E54C?page=1</a>
IXICO, a King's spin out leveraging medical image data curation and analysis for improving clinical trials in neurology	King's College London	<a href="https://results2021.ref.ac.uk/impact/D2CED0A5-B51F-434E-9441-D42AB040E7BC?page=1">https://results2021.ref.ac.uk/impact/D2CED0A5-B51F-434E-9441-D42AB040E7BC?page=1</a>
IXICO: Automated Biomedical Image Analysis for Clinical Trials (pharma) and Healthcare	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/5940B2C8-A7A6-4A02-A4C4-049E7D19F441?page=1">https://results2021.ref.ac.uk/impact/5940B2C8-A7A6-4A02-A4C4-049E7D19F441?page=1</a>
King's research drives policy changes on e-cigarettes	King's College London	<a href="https://results2021.ref.ac.uk/impact/2B2508AB-CB15-489C-8041-45D9D856E2CA?page=1">https://results2021.ref.ac.uk/impact/2B2508AB-CB15-489C-8041-45D9D856E2CA?page=1</a>
<b>Lay health worker interventions to treat mental health disorders</b>	<b>London School of Hygiene and Tropical Medicine</b>	<a href="https://results2021.ref.ac.uk/impact/FEC60A0F-445E-4619-BB9E-0F20BB2440DB?page=1">https://results2021.ref.ac.uk/impact/FEC60A0F-445E-4619-BB9E-0F20BB2440DB?page=1</a>
Leeds Virtual Microscope: A new tool for pathologists diagnosing cancer	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/8EE7A91F-DFEA-4BCD-8FC0-F9882DB80C55?page=1">https://results2021.ref.ac.uk/impact/8EE7A91F-DFEA-4BCD-8FC0-F9882DB80C55?page=1</a>
LifeCurve <sup>TM</sup> software for assessing functional decline	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/7C567BBA-FFD8-4DF9-B953-3BD67025DA7B?page=1">https://results2021.ref.ac.uk/impact/7C567BBA-FFD8-4DF9-B953-3BD67025DA7B?page=1</a>
LifeLab: increasing health literacy and inspiring positive health-related lifestyle and behaviour changes among teenagers.	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/317732A8-8CA0-4AE0-9DDA-1DE8D0A60AE5?page=1">https://results2021.ref.ac.uk/impact/317732A8-8CA0-4AE0-9DDA-1DE8D0A60AE5?page=1</a>
Making HIV self-testing available to millions as a diagnostic strategy for low- and middle-income countries	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/FC7E844A-C98A-4288-9CAB-1476EEF42A05?page=1">https://results2021.ref.ac.uk/impact/FC7E844A-C98A-4288-9CAB-1476EEF42A05?page=1</a>
Making the case for sugar taxes: UK, Ireland and Mexico	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/72DDC4A9-629C-41B4-8CC2-D92F03D2BFD4?page=1">https://results2021.ref.ac.uk/impact/72DDC4A9-629C-41B4-8CC2-D92F03D2BFD4?page=1</a>
Managing conflict of interest in health governance	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/F6AD5E4A-F3F7-49C8-9561-057418626A6C?page=1">https://results2021.ref.ac.uk/impact/F6AD5E4A-F3F7-49C8-9561-057418626A6C?page=1</a>
Methods for malaria control: evaluation of vector control products to improve personal and community protection from malaria	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/49A1A962-BC66-4954-867D-F90E1103224F?page=1">https://results2021.ref.ac.uk/impact/49A1A962-BC66-4954-867D-F90E1103224F?page=1</a>



Mindfulness-based cognitive therapy as an effective alternative to medication for treating depression and preventing relapse.	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/1772DCF4-6B63-40DA-8753-587B8ABAC66B?page=1">https://results2021.ref.ac.uk/impact/1772DCF4-6B63-40DA-8753-587B8ABAC66B?page=1</a>
Minimising bacterial contamination risks for Unilever through application of microbial genomics	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/24000D1F-5257-4772-90E1-3E0AEF87E054?page=1">https://results2021.ref.ac.uk/impact/24000D1F-5257-4772-90E1-3E0AEF87E054?page=1</a>
Mitigation of the severe impact of COVID-19 on medical provision, hospitalisations and deaths in Wales through mathematical modelling	Swansea University	<a href="https://results2021.ref.ac.uk/impact/A059B0BA-02C6-4D12-AA0C-DE00E59D6D5A?page=1">https://results2021.ref.ac.uk/impact/A059B0BA-02C6-4D12-AA0C-DE00E59D6D5A?page=1</a>
Modelling in a pandemic: advising the UK response to COVID-19, and protecting enclosed communities.	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/D03D2B76-004F-4472-9821-A00927A75AC5?page=1">https://results2021.ref.ac.uk/impact/D03D2B76-004F-4472-9821-A00927A75AC5?page=1</a>
Modelling the COVID-19 pandemic to underpin national and international policy	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/0DC66FDE-DDBC-4AF8-8B22-B58AA9ADFD12?page=1">https://results2021.ref.ac.uk/impact/0DC66FDE-DDBC-4AF8-8B22-B58AA9ADFD12?page=1</a>
Modernising Drug Development Practices for Precision Dosing in Diverse Patient Populations	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/76648712-EE33-4045-8370-71015918094F?page=1">https://results2021.ref.ac.uk/impact/76648712-EE33-4045-8370-71015918094F?page=1</a>
Multi-million pound investment through discovery and development of a first-in-class inhibitor of CDK7	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/3D3FBD09-69E2-4755-859E-32198439C48C?page=1">https://results2021.ref.ac.uk/impact/3D3FBD09-69E2-4755-859E-32198439C48C?page=1</a>
Mutations in the HIV genome are used to combat drug resistance, for tracking infection, and in litigation.	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/E3EDF70A-08F1-452C-84FF-E97DBA09ADE5?page=1">https://results2021.ref.ac.uk/impact/E3EDF70A-08F1-452C-84FF-E97DBA09ADE5?page=1</a>
Mycobacterial sequence-based diagnostics improve tuberculosis services	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/B29A04D1-1194-4AAC-AFF9-BE2C83C1F7AF?page=1">https://results2021.ref.ac.uk/impact/B29A04D1-1194-4AAC-AFF9-BE2C83C1F7AF?page=1</a>
National implementation of safer and rapid, prenatal testing for genetic conditions	University College London	<a href="https://results2021.ref.ac.uk/impact/7EC64329-BB7E-404D-B023-2FE33EB42561?page=1">https://results2021.ref.ac.uk/impact/7EC64329-BB7E-404D-B023-2FE33EB42561?page=1</a>
New clinical approaches for the effective diagnosis and treatment of obsessive-compulsive and related disorders	University of Hertfordshire	<a href="https://results2021.ref.ac.uk/impact/F3647F39-D619-4535-ACB0-25DCECF6C7DF?page=1">https://results2021.ref.ac.uk/impact/F3647F39-D619-4535-ACB0-25DCECF6C7DF?page=1</a>
New clinical guidelines and specialist mental health services for bipolar women at risk of postpartum psychosis	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/61A8C03D-F948-4589-9818-D059A79D8959?page=1">https://results2021.ref.ac.uk/impact/61A8C03D-F948-4589-9818-D059A79D8959?page=1</a>
New companies formed to develop therapies that control immune system response as a result of research on protein factor H	University of St Andrews	<a href="https://results2021.ref.ac.uk/impact/DAB6C66A-6401-41EA-8789-93114A68AE85?page=1">https://results2021.ref.ac.uk/impact/DAB6C66A-6401-41EA-8789-93114A68AE85?page=1</a>

New generation seasonal influenza vaccines	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/E9785952-E070-432A-A8BF-B01A369C53A9?page=1">https://results2021.ref.ac.uk/impact/E9785952-E070-432A-A8BF-B01A369C53A9?page=1</a>
New LED flicker parameters change industry standards, improve lighting design and safeguard health and wellbeing.	The University of Essex	<a href="https://results2021.ref.ac.uk/impact/AE7811B6-D079-4FBF-8192-F17FFB7D9BDF?page=1">https://results2021.ref.ac.uk/impact/AE7811B6-D079-4FBF-8192-F17FFB7D9BDF?page=1</a>
Next generation growth factors for regenerative medicine	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/BA39579E-7DA3-4299-8201-AE481FAFE714?page=1">https://results2021.ref.ac.uk/impact/BA39579E-7DA3-4299-8201-AE481FAFE714?page=1</a>
<b>Nightstar: Improving vision and creating world's largest retinal gene therapy company</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/F694BCB6-D376-4FC1-8188-470EF0C62FBC?page=1">https://results2021.ref.ac.uk/impact/F694BCB6-D376-4FC1-8188-470EF0C62FBC?page=1</a>
Novel atomic force microscopy delivers major benefits for industry and healthcare	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/CE445E85-80DA-4989-8C1E-AEDF57E24DD5?page=1">https://results2021.ref.ac.uk/impact/CE445E85-80DA-4989-8C1E-AEDF57E24DD5?page=1</a>
Novel implantable drug delivery system for neurological conditions creates jobs and improves quality of life	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/5EDE5405-FA3C-447E-A683-1DF963DCEFDA?page=1">https://results2021.ref.ac.uk/impact/5EDE5405-FA3C-447E-A683-1DF963DCEFDA?page=1</a>
Novel molecular serotyping technology advances worldwide pneumococcal vaccine impact and development	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/7D4C0BF8-498F-4D76-A34D-D7F7DD1FC543?page=1">https://results2021.ref.ac.uk/impact/7D4C0BF8-498F-4D76-A34D-D7F7DD1FC543?page=1</a>
Novel Resuscitation Protocols for Patients with Severe Trauma: Optimising Treatment and Reducing Mortality from Major Bleeding	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/7D20D498-8636-4EC3-B20D-090158D3B27F?page=1">https://results2021.ref.ac.uk/impact/7D20D498-8636-4EC3-B20D-090158D3B27F?page=1</a>
OMass Therapeutics: New technology for drug discovery with economic benefit to the UK	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/427A7CA5-91BD-4997-92EB-E75C62525C42?page=1">https://results2021.ref.ac.uk/impact/427A7CA5-91BD-4997-92EB-E75C62525C42?page=1</a>
Opening a window on the metabolome: A novel sterol analysis technology for the diagnosis and treatment\monitoring of inborn errors of metabolism	Swansea University	<a href="https://results2021.ref.ac.uk/impact/EDFEE366-FD3C-4C9F-96E5-8B585E7FA38D?page=1">https://results2021.ref.ac.uk/impact/EDFEE366-FD3C-4C9F-96E5-8B585E7FA38D?page=1</a>
OPM\MEG: Commercialisation of an optically pumped magnetometer magnetoencephalography (OPM\MEG) system for human brain imaging	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/13BECDF3-A76B-4A88-B7D1-3CB64C55DDCD?page=1">https://results2021.ref.ac.uk/impact/13BECDF3-A76B-4A88-B7D1-3CB64C55DDCD?page=1</a>
Optimised human cell products to improve therapy development	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/CE1F2F5E-97E0-47B3-BF9A-46EB5AD4DBFC?page=1">https://results2021.ref.ac.uk/impact/CE1F2F5E-97E0-47B3-BF9A-46EB5AD4DBFC?page=1</a>
Optimising antibiotic prescribing in children	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/A34C3947-6C30-430A-A778-5852C5E73AA3?page=1">https://results2021.ref.ac.uk/impact/A34C3947-6C30-430A-A778-5852C5E73AA3?page=1</a>

<b>Optimising diagnosis of treatable autoimmune disorders of the central nervous system</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/BEE63579-B74B-4A2C-87D6-91B00236699B?page=1">https://results2021.ref.ac.uk/impact/BEE63579-B74B-4A2C-87D6-91B00236699B?page=1</a>
Optimising malaria treatment with artemisinins	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/A26CA63C-5677-4FB8-9E8E-A26DCFFA8EA4?page=1">https://results2021.ref.ac.uk/impact/A26CA63C-5677-4FB8-9E8E-A26DCFFA8EA4?page=1</a>
Optimising outcomes for people with venous leg ulcers	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/1D278B74-0A27-4223-A396-F84CF0B26EE5?page=1">https://results2021.ref.ac.uk/impact/1D278B74-0A27-4223-A396-F84CF0B26EE5?page=1</a>
Optimising the health benefits of polyphenol-rich food products.	The University of Reading	<a href="https://results2021.ref.ac.uk/impact/50D297A2-6C7C-4CE5-B7FE-099FDA73ACAC?page=1">https://results2021.ref.ac.uk/impact/50D297A2-6C7C-4CE5-B7FE-099FDA73ACAC?page=1</a>
Optimising treatment regimens for patients with acute myeloid leukaemia	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/6ED0E866-BD17-4401-8E0C-AC212EFCECB8?page=1">https://results2021.ref.ac.uk/impact/6ED0E866-BD17-4401-8E0C-AC212EFCECB8?page=1</a>
OrganOx: Organ preservation to improve liver transplantation	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/04E4C17C-D5B9-4373-81A6-B51C1E161DC4?page=1">https://results2021.ref.ac.uk/impact/04E4C17C-D5B9-4373-81A6-B51C1E161DC4?page=1</a>
Origami diagnostic tests enable rapid, low-cost diagnosis of infectious diseases in low- and middle-income countries	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/26A18C96-6C9D-4D8B-BB18-EEF90B8C7BA5?page=1">https://results2021.ref.ac.uk/impact/26A18C96-6C9D-4D8B-BB18-EEF90B8C7BA5?page=1</a>
Orthopaedic implant analysis changed which joint implants were used and how they are monitored	University College London	<a href="https://results2021.ref.ac.uk/impact/8F84482E-ADDC-4D82-97FE-993EB52A9560?page=1">https://results2021.ref.ac.uk/impact/8F84482E-ADDC-4D82-97FE-993EB52A9560?page=1</a>
Oxford Biodynamics: EpiSwitch™ chromosomal biomarkers for genomic stratification and personalised medicine	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/592052D3-5301-4C4F-9437-75267F3887CC?page=1">https://results2021.ref.ac.uk/impact/592052D3-5301-4C4F-9437-75267F3887CC?page=1</a>
Oxford Expression Technologies Ltd: making the baculovirus expression system accessible for protein production, diagnostic assays and vaccine development	Oxford Brookes University	<a href="https://results2021.ref.ac.uk/impact/592E639F-52C5-4077-AD2D-3CCAD23F8100?page=1">https://results2021.ref.ac.uk/impact/592E639F-52C5-4077-AD2D-3CCAD23F8100?page=1</a>
<b>Oxford Nanopore: Nucleic acid sequencing and diagnostics on any scale from laboratory to point of care</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/262D0804-6378-48CA-93C8-5F47F0D7BD2B?page=1">https://results2021.ref.ac.uk/impact/262D0804-6378-48CA-93C8-5F47F0D7BD2B?page=1</a>
Oxitec: pest and pathogen control with genetic modification technologies	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/68C10D3E-B467-4122-A07A-A9A8CA9A2F95?page=1">https://results2021.ref.ac.uk/impact/68C10D3E-B467-4122-A07A-A9A8CA9A2F95?page=1</a>
PARP inhibition in BRCA-mutated cancer: improved survival for ovarian, breast, pancreatic and prostate cancer patients	The Institute of Cancer Research	<a href="https://results2021.ref.ac.uk/impact/8269D635-2494-4236-9BC8-E2504CF0FE39?page=1">https://results2021.ref.ac.uk/impact/8269D635-2494-4236-9BC8-E2504CF0FE39?page=1</a>



PARP inhibitors as a therapeutic to treat BRCA-defective cancers	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/E885FCB6-0986-4644-9E29-2BD76D3645E9?page=1">https://results2021.ref.ac.uk/impact/E885FCB6-0986-4644-9E29-2BD76D3645E9?page=1</a>
Pathogen whole-genome sequencing transforms healthcare-associated infection and outbreak management	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/F59FB334-CC83-4A37-B631-C29EFF19E1D5?page=1">https://results2021.ref.ac.uk/impact/F59FB334-CC83-4A37-B631-C29EFF19E1D5?page=1</a>
Peptest, a quick and simple test for reflux	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/6A22FB73-4769-4210-9EBF-D50932CA494F?page=1">https://results2021.ref.ac.uk/impact/6A22FB73-4769-4210-9EBF-D50932CA494F?page=1</a>
Personalised Breast Cancer Care	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/F0A4E4B4-E3A9-493E-A0C7-19D12A862C12?page=1">https://results2021.ref.ac.uk/impact/F0A4E4B4-E3A9-493E-A0C7-19D12A862C12?page=1</a>
Pioneering pharmacogenomics for maximising the benefit:harm ratio of drugs	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/C5C8472B-5A09-470D-8DEE-A36B85D07BC8?page=1">https://results2021.ref.ac.uk/impact/C5C8472B-5A09-470D-8DEE-A36B85D07BC8?page=1</a>
Planning and delivering the control and elimination of neglected tropical diseases: the impact of model-based geostatistics	The University of Lancaster	<a href="https://results2021.ref.ac.uk/impact/524003A9-585E-45A8-A844-A99CA3635279?page=1">https://results2021.ref.ac.uk/impact/524003A9-585E-45A8-A844-A99CA3635279?page=1</a>
Policy impacts of the Self-Controlled Case Series method in epidemiology	The Open University	<a href="https://results2021.ref.ac.uk/impact/868BC61E-3AA9-4371-A36F-51226B8EC738?page=1">https://results2021.ref.ac.uk/impact/868BC61E-3AA9-4371-A36F-51226B8EC738?page=1</a>
<b>Post-hypoxic cooling reduces mortality and improves long-term outcomes in infants</b>	<b>University of Bristol</b>	<a href="https://results2021.ref.ac.uk/impact/B7BE9534-BF71-4BD0-A463-FCCEDD9FA328?page=1">https://results2021.ref.ac.uk/impact/B7BE9534-BF71-4BD0-A463-FCCEDD9FA328?page=1</a>
POWeR - cost effective online support for weight management	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/08743A0A-B72F-4163-87BB-5ABAAE501812?page=1">https://results2021.ref.ac.uk/impact/08743A0A-B72F-4163-87BB-5ABAAE501812?page=1</a>
Preterm and sick babies: Improving care standards and interventions in the UK and internationally	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/04D1EF2F-61F2-46E2-A686-75386C5E9B69?page=1">https://results2021.ref.ac.uk/impact/04D1EF2F-61F2-46E2-A686-75386C5E9B69?page=1</a>
Preventing access to highly lethal pesticides and harmful media content to reduce suicides and self-harm worldwide	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/05594546-666C-4381-A591-B16A6B4E4367?page=1">https://results2021.ref.ac.uk/impact/05594546-666C-4381-A591-B16A6B4E4367?page=1</a>
Preventing child abuse globally through research-driven parenting programmes	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/CF426347-1CB2-4320-AFEC-528CE840379D?page=1">https://results2021.ref.ac.uk/impact/CF426347-1CB2-4320-AFEC-528CE840379D?page=1</a>
<b>Preventing deaths from heroin and other opioid overdose with Take Home Naloxone</b>	<b>King's College London</b>	<a href="https://results2021.ref.ac.uk/impact/B5376E41-5CDF-477B-8069-D574507817A1?page=1">https://results2021.ref.ac.uk/impact/B5376E41-5CDF-477B-8069-D574507817A1?page=1</a>

Preventing meningococcal transmission and disease by promoting immunisation of university students in the UK.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/ECB13AFE-31A0-4D14-BBFF-8C40CC3AC1A4?page=1">https://results2021.ref.ac.uk/impact/ECB13AFE-31A0-4D14-BBFF-8C40CC3AC1A4?page=1</a>
Preventing newborn mortality due to syphilis	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/ECE18518-EAA0-4D46-B1A5-24977A903166?page=1">https://results2021.ref.ac.uk/impact/ECE18518-EAA0-4D46-B1A5-24977A903166?page=1</a>
Preventing preeclampsia and preterm births through more effective risk prediction and treatment	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/A6F4C18B-C8B2-4E1C-A012-AE8412527698?page=1">https://results2021.ref.ac.uk/impact/A6F4C18B-C8B2-4E1C-A012-AE8412527698?page=1</a>
Preventing Stillbirth and Improving the Quality of Care After a Baby Dies	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/64D78314-EFEC-46C9-9F64-235C933EA494?page=1">https://results2021.ref.ac.uk/impact/64D78314-EFEC-46C9-9F64-235C933EA494?page=1</a>
Preventing the progression of latent TB in HIV patients.	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/4DC49620-78ED-4922-B8A5-DDE865A30B3C?page=1">https://results2021.ref.ac.uk/impact/4DC49620-78ED-4922-B8A5-DDE865A30B3C?page=1</a>
Preventing transmission of NCD risk across generations: impact on clinical practice, health policy and the health literacy of young people	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/E03827B0-F2F0-4F01-8F0A-8B0CF1AA0311?page=1">https://results2021.ref.ac.uk/impact/E03827B0-F2F0-4F01-8F0A-8B0CF1AA0311?page=1</a>
Preventing unnecessary shoulder surgeries to reduce patient risk and save healthcare resources	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/01BC4650-719E-4ECF-A45D-ADAACC7A074D?page=1">https://results2021.ref.ac.uk/impact/01BC4650-719E-4ECF-A45D-ADAACC7A074D?page=1</a>
Prevention and Management of Surgical Site Infections: Informing UK and International Standards and Improving Clinical Approaches	The University of Huddersfield	<a href="https://results2021.ref.ac.uk/impact/C9AEAC4A-BFE8-46D4-913C-0C7A57B481A9?page=1">https://results2021.ref.ac.uk/impact/C9AEAC4A-BFE8-46D4-913C-0C7A57B481A9?page=1</a>
Prevention of Recurrent Major Depression with Mindfulness-Based Cognitive Therapy	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/ADF41E7F-D001-412A-BF71-9AE28BC6BDB9?page=1">https://results2021.ref.ac.uk/impact/ADF41E7F-D001-412A-BF71-9AE28BC6BDB9?page=1</a>
Promoting child cognitive and socio-emotional development in conditions of adversity.	The University of Reading	<a href="https://results2021.ref.ac.uk/impact/79BF11D4-EAA4-40D9-A32B-FD6FE26DA1AB?page=1">https://results2021.ref.ac.uk/impact/79BF11D4-EAA4-40D9-A32B-FD6FE26DA1AB?page=1</a>
PROSPER transforms global debate on the value of glasses for workers, improving productivity and well-being	Queen's University of Belfast	<a href="https://results2021.ref.ac.uk/impact/6FDD4604-4C7B-4D05-8188-270FBFC530C9?page=1">https://results2021.ref.ac.uk/impact/6FDD4604-4C7B-4D05-8188-270FBFC530C9?page=1</a>
<b>Prostate Cancer Screening trial informs guidelines, reduces harms to men from overdetection and avoids unnecessary health service costs internationally</b>	<b>University of Bristol</b>	<a href="https://results2021.ref.ac.uk/impact/1031CCD1-935D-4814-BB97-EA0996BDF129?page=1">https://results2021.ref.ac.uk/impact/1031CCD1-935D-4814-BB97-EA0996BDF129?page=1</a>
PROTACs: a revolutionary technology underpinning spin-out Amphista Therapeutics, and attracting inward	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/B2AC7052-C479-4FD6-8E9D-7A28D2149F52?page=1">https://results2021.ref.ac.uk/impact/B2AC7052-C479-4FD6-8E9D-7A28D2149F52?page=1</a>

investment, industry partnerships, and reagent sales		
<b>ProtecT study: Enabling men to make better prostate cancer screening and treatment choices</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/CD416266-892D-4D9B-B47B-FD016AEEF1EF?page=1">https://results2021.ref.ac.uk/impact/CD416266-892D-4D9B-B47B-FD016AEEF1EF?page=1</a>
Protecting children's health through new tobacco and e-cigarette laws	Cardiff University	<a href="https://results2021.ref.ac.uk/impact/E7801719-3AD2-4AF2-8E8F-5C021A14D333?page=1">https://results2021.ref.ac.uk/impact/E7801719-3AD2-4AF2-8E8F-5C021A14D333?page=1</a>
<b>Protecting human health from infectious diseases in low-resource settings</b>	<b>University of Brighton</b>	<a href="https://results2021.ref.ac.uk/impact/9BF2CD0C-74EA-469A-8EBB-76287F4723DA?page=1">https://results2021.ref.ac.uk/impact/9BF2CD0C-74EA-469A-8EBB-76287F4723DA?page=1</a>
Protecting Sport by Improving the World Anti-Doping Agency's Capability for Assessing Doping Prevalence	Kingston University	<a href="https://results2021.ref.ac.uk/impact/E078E238-6818-4320-A025-EBD79A014392?page=1">https://results2021.ref.ac.uk/impact/E078E238-6818-4320-A025-EBD79A014392?page=1</a>
Providing Reliable Foundations for Health Policy Decisions	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/C0DC5878-E271-4BDE-B78C-DEFDAF727CAE?page=1">https://results2021.ref.ac.uk/impact/C0DC5878-E271-4BDE-B78C-DEFDAF727CAE?page=1</a>
Providing the evidence base for national policies and interventions towards eliminating podocniosis	University of Sussex	<a href="https://results2021.ref.ac.uk/impact/AC571E97-84A7-4B43-8153-CA97C3CE89E0?page=1">https://results2021.ref.ac.uk/impact/AC571E97-84A7-4B43-8153-CA97C3CE89E0?page=1</a>
Pseudotype Viruses: A Translational Platform Facilitating the Development, Testing and Application of Therapeutics, Vaccines and Diagnostics for Emerging Viruses of Global Concern	The University of Kent	<a href="https://results2021.ref.ac.uk/impact/8935AFC9-B829-452F-8EF5-DFA878C25FF9?page=1">https://results2021.ref.ac.uk/impact/8935AFC9-B829-452F-8EF5-DFA878C25FF9?page=1</a>
PsyMaptic: a population prediction tool used by all NHS commissioners to design and provide early intervention services for people with psychotic illnesses according to population need	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/AB9A35F6-A805-4CAA-A467-96532815361B?page=1">https://results2021.ref.ac.uk/impact/AB9A35F6-A805-4CAA-A467-96532815361B?page=1</a>
Putting long-term care in low and middle income countries on the global policy agenda	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/08134EC2-7834-4FEE-AAF5-AED89788FE86?page=1">https://results2021.ref.ac.uk/impact/08134EC2-7834-4FEE-AAF5-AED89788FE86?page=1</a>
Quantifying childhood TB burden to increase funding and access to treatment.	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/76796C2C-E42E-48E9-8648-A655CE053738?page=1">https://results2021.ref.ac.uk/impact/76796C2C-E42E-48E9-8648-A655CE053738?page=1</a>
QuantMRI: Quantitative MRI for healthcare, pharmaceuticals and nutrition	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/89A2CC5B-C9D7-4406-8F47-CD183F733FA5?page=1">https://results2021.ref.ac.uk/impact/89A2CC5B-C9D7-4406-8F47-CD183F733FA5?page=1</a>
Radical advance in treating age-related macular degeneration leading to global impact in prevention of blindness	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/97113965-67E9-4D07-960E-6D09D91CF2CC?page=1">https://results2021.ref.ac.uk/impact/97113965-67E9-4D07-960E-6D09D91CF2CC?page=1</a>

Raising cultural awareness and understanding of the neurobiology of laughter	University College London	<a href="https://results2021.ref.ac.uk/impact/B8A24F2C-36EC-41B0-9D12-1D6BA24550D2?page=1">https://results2021.ref.ac.uk/impact/B8A24F2C-36EC-41B0-9D12-1D6BA24550D2?page=1</a>
Raising the international quality of osteoarthritis management in primary care	University of Keele	<a href="https://results2021.ref.ac.uk/impact/64B11D47-39C0-4779-BBB2-D422101569FF?page=1">https://results2021.ref.ac.uk/impact/64B11D47-39C0-4779-BBB2-D422101569FF?page=1</a>
Rapid and robust clinical diagnosis of childhood brain tumours for improved patient outcomes	University of Northumbria at Newcastle	<a href="https://results2021.ref.ac.uk/impact/76230B5D-90FE-4DA3-8055-796C0EA2F4E6?page=1">https://results2021.ref.ac.uk/impact/76230B5D-90FE-4DA3-8055-796C0EA2F4E6?page=1</a>
Rapid diagnostic pathways reduce unnecessary hospital admissions for suspected acute coronary syndromes	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/7C78D869-8B2D-4A8D-A7DC-48FC7F589BA3?page=1">https://results2021.ref.ac.uk/impact/7C78D869-8B2D-4A8D-A7DC-48FC7F589BA3?page=1</a>
Rapid response modelling of the COVID-19 pandemic	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/62683783-E990-458C-8141-0652609F5884?page=1">https://results2021.ref.ac.uk/impact/62683783-E990-458C-8141-0652609F5884?page=1</a>
Re-animating school biology lessons through teaching with living flies	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/9AC185A8-D484-4E72-A1CD-4EB22C49827C?page=1">https://results2021.ref.ac.uk/impact/9AC185A8-D484-4E72-A1CD-4EB22C49827C?page=1</a>
<b>Real-time pathogen genome sequencing to inform outbreak response</b>	<b>The University of Birmingham</b>	<a href="https://results2021.ref.ac.uk/impact/D1C5AC68-E70B-4CD3-A26D-F960D294651C?page=1">https://results2021.ref.ac.uk/impact/D1C5AC68-E70B-4CD3-A26D-F960D294651C?page=1</a>
<b>Real-time surveillance to improve situational awareness of COVID-19: the REACT study</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/EE8AE278-B0A5-4B20-94C0-4858273FA796?page=1">https://results2021.ref.ac.uk/impact/EE8AE278-B0A5-4B20-94C0-4858273FA796?page=1</a>
<b>RECOVERY Trial: Global adoption of effective COVID-19 treatments to save lives</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/D4AF1256-CE89-4003-A4F9-BDB57C10D87A?page=1">https://results2021.ref.ac.uk/impact/D4AF1256-CE89-4003-A4F9-BDB57C10D87A?page=1</a>
<b>RECOVERY Trial: Global adoption of effective COVID-19 treatments to save lives</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/1C4CAF3B-6C0D-432A-B8A5-A4D4279498A8?page=1">https://results2021.ref.ac.uk/impact/1C4CAF3B-6C0D-432A-B8A5-A4D4279498A8?page=1</a>
Recurrent Pregnancy Loss: informing clinical management and professional guidance, and improving patient care through advocacy and awareness	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/E567889A-9461-4A5E-9247-89111A538413?page=1">https://results2021.ref.ac.uk/impact/E567889A-9461-4A5E-9247-89111A538413?page=1</a>
Reduced falls and improved physical, mental and social health of older adults - implementation and adoption of the Falls Management Exercise (FaME) programme	Glasgow Caledonian University	<a href="https://results2021.ref.ac.uk/impact/FB530E35-7447-4169-B735-184E65D1DD0F?page=1">https://results2021.ref.ac.uk/impact/FB530E35-7447-4169-B735-184E65D1DD0F?page=1</a>
Reducing alcohol-related harm through "Dry January"	University of Sussex	<a href="https://results2021.ref.ac.uk/impact/5D668442-4E93-4C89-B921-47B84EAA5960?page=1">https://results2021.ref.ac.uk/impact/5D668442-4E93-4C89-B921-47B84EAA5960?page=1</a>

Reducing and replacing saturated fats in milk: evidence of the benefits to human health and the environment shapes government and food industry policy and practice.	The University of Reading	<a href="https://results2021.ref.ac.uk/impact/EEFA0A3D-4BA8-4419-8C28-836E06B41EED?page=1">https://results2021.ref.ac.uk/impact/EEFA0A3D-4BA8-4419-8C28-836E06B41EED?page=1</a>
Reducing breast and ovarian cancer occurrences in women at high risk	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/AF220B65-4A28-4213-83CB-15F82A714838?page=1">https://results2021.ref.ac.uk/impact/AF220B65-4A28-4213-83CB-15F82A714838?page=1</a>
Reducing cardiovascular deaths through blood pressure telemonitoring in primary care	Edinburgh Napier University	<a href="https://results2021.ref.ac.uk/impact/7E1BD1E2-29F1-4A99-B09D-99EABFFF2E6F?page=1">https://results2021.ref.ac.uk/impact/7E1BD1E2-29F1-4A99-B09D-99EABFFF2E6F?page=1</a>
Reducing death from critical congenital heart defects in newborn babies using pulse oximetry screening	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/CCB7B2E9-1DE7-4A0E-AA01-40997F66608A?page=1">https://results2021.ref.ac.uk/impact/CCB7B2E9-1DE7-4A0E-AA01-40997F66608A?page=1</a>
Reducing diabetes by informing the creation, content and development of the NHS Diabetes Prevention Programme	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/EBA83ADF-20A5-49A0-B90E-D2C7F54CE46E?page=1">https://results2021.ref.ac.uk/impact/EBA83ADF-20A5-49A0-B90E-D2C7F54CE46E?page=1</a>
Reducing harm and saving lives in situations of substance misuse	University of South Wales	<a href="https://results2021.ref.ac.uk/impact/9D59A352-B266-4086-9A0D-E16A87CB47DE?page=1">https://results2021.ref.ac.uk/impact/9D59A352-B266-4086-9A0D-E16A87CB47DE?page=1</a>
<b>Reducing harm from biopsy in men with suspected prostate cancer</b>	<b>The University of Sheffield</b>	<a href="https://results2021.ref.ac.uk/impact/3D16B3EC-43E9-471D-BBCA-C4F68B7F06EF?page=1">https://results2021.ref.ac.uk/impact/3D16B3EC-43E9-471D-BBCA-C4F68B7F06EF?page=1</a>
Reducing HIV infections in key vulnerable populations by informing Scottish, UK and wider European prevention policy and practice.	Glasgow Caledonian University	<a href="https://results2021.ref.ac.uk/impact/B9447B40-0320-4813-9B3A-D050981D79B9?page=1">https://results2021.ref.ac.uk/impact/B9447B40-0320-4813-9B3A-D050981D79B9?page=1</a>
<b>Reducing HIV-associated mortality in sub Saharan Africa by improving the prevention and management of cryptococcal meningitis</b>	<b>Liverpool School of Tropical Medicine</b>	<a href="https://results2021.ref.ac.uk/impact/A43C7C34-34F9-4383-A142-84C3AA960642?page=1">https://results2021.ref.ac.uk/impact/A43C7C34-34F9-4383-A142-84C3AA960642?page=1</a>
Reducing infant deaths from rotavirus diarrhoea in sub-Saharan Africa	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/396DBE80-C15F-4532-B846-B954B0FF7152?page=1">https://results2021.ref.ac.uk/impact/396DBE80-C15F-4532-B846-B954B0FF7152?page=1</a>
Reducing Malaria Prevalence in Africa Through New Classes of Insecticide-Treated Nets.	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/3D394336-3113-4AA3-AF83-8AB429132A1C?page=1">https://results2021.ref.ac.uk/impact/3D394336-3113-4AA3-AF83-8AB429132A1C?page=1</a>
Reducing medication errors by research-led improvements to frameworks and policies for safer use of medication in hospitals	University College London	<a href="https://results2021.ref.ac.uk/impact/F943CC63-7011-40CA-930E-66BAE6BBF732?page=1">https://results2021.ref.ac.uk/impact/F943CC63-7011-40CA-930E-66BAE6BBF732?page=1</a>
Reducing noise exposures to improve cardiovascular health	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/FF4E8197-2B7C-413C-9482-B7B34E70F89D?page=1">https://results2021.ref.ac.uk/impact/FF4E8197-2B7C-413C-9482-B7B34E70F89D?page=1</a>



Reducing risks of preterm death and improving developmental outcomes with delayed cord clamping	University of Brighton	<a href="https://results2021.ref.ac.uk/impact/0A3F1105-7F16-404A-A52E-379C8DE95E63?page=1">https://results2021.ref.ac.uk/impact/0A3F1105-7F16-404A-A52E-379C8DE95E63?page=1</a>
Reducing the burden of viral hepatitis globally	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/045A3D4A-B1B9-484C-9153-3E4DA1BAE856?page=1">https://results2021.ref.ac.uk/impact/045A3D4A-B1B9-484C-9153-3E4DA1BAE856?page=1</a>
Reducing the disease burden of tropical snakebite	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/CD408873-557A-4661-9879-F1F3FBF01F10?page=1">https://results2021.ref.ac.uk/impact/CD408873-557A-4661-9879-F1F3FBF01F10?page=1</a>
Reducing the health burden of aflatoxins through policy and capacity building in sub-Saharan Africa	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/B6092AC4-1188-4553-AFB1-8449D14B6313?page=1">https://results2021.ref.ac.uk/impact/B6092AC4-1188-4553-AFB1-8449D14B6313?page=1</a>
Reducing the impact of suicide through responsible and ethical reporting	Bournemouth University	<a href="https://results2021.ref.ac.uk/impact/0B25C14D-6CAA-4B25-94AD-2C1AD2505463?page=1">https://results2021.ref.ac.uk/impact/0B25C14D-6CAA-4B25-94AD-2C1AD2505463?page=1</a>
Reducing Waterborne Superbug Dissemination Around the World	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/B0AF3BB0-89D2-4394-A1BC-C3E1A4C5356A?page=1">https://results2021.ref.ac.uk/impact/B0AF3BB0-89D2-4394-A1BC-C3E1A4C5356A?page=1</a>
Reduction of antibiotic use and methicillin-resistant Staphylococcus aureus (MRSA) in livestock agriculture	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/22A571BE-EAF6-40DA-89C9-AD62F5A05CA8?page=1">https://results2021.ref.ac.uk/impact/22A571BE-EAF6-40DA-89C9-AD62F5A05CA8?page=1</a>
Remission of type 2 diabetes using a low calorie diet	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/3B4D2BF4-7246-48D6-9186-1C4B12ADD165?page=1">https://results2021.ref.ac.uk/impact/3B4D2BF4-7246-48D6-9186-1C4B12ADD165?page=1</a>
Research into stem cell biology leads to an engagement programme that increases patients', educators' and the public's understanding of current and potential applications of stem cells.	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/B655CD5F-FBD6-4EC3-98EA-2561BE74AB39?page=1">https://results2021.ref.ac.uk/impact/B655CD5F-FBD6-4EC3-98EA-2561BE74AB39?page=1</a>
Research on drug-resistant bacteria in the environment and their impact on human health has shaped policy and practice at a national and international level	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/B59056C7-6A11-448F-B81E-17BBCB603EF5?page=1">https://results2021.ref.ac.uk/impact/B59056C7-6A11-448F-B81E-17BBCB603EF5?page=1</a>
Research-led policy influence on Bioethics in genome editing and human reproduction	The University of Bath	<a href="https://results2021.ref.ac.uk/impact/D2B51EB2-B094-460C-B670-D5109B5B2373?page=1">https://results2021.ref.ac.uk/impact/D2B51EB2-B094-460C-B670-D5109B5B2373?page=1</a>
Reshaping the treatment of traumatic brain injury	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/54D3480B-14F0-4ED2-90CE-E1DE91E01438?page=1">https://results2021.ref.ac.uk/impact/54D3480B-14F0-4ED2-90CE-E1DE91E01438?page=1</a>
Resolving the genetic basis, diagnosis and treatment of serious disorders of energy balance and metabolism.	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/85FBCABA-83EB-">https://results2021.ref.ac.uk/impact/85FBCABA-83EB-</a>

		<a href="https://results2021.ref.ac.uk/impact/422B-B7BB-DCCA1AD9692E?page=1">422B-B7BB-DCCA1AD9692E?page=1</a>
Reversal in recommended standard of care of treating immobile stroke patients prevents deep vein thrombosis and improves survival after stroke	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/7A0A5ABA-E158-490B-80FE-C371C230B70B?page=1">https://results2021.ref.ac.uk/impact/7A0A5ABA-E158-490B-80FE-C371C230B70B?page=1</a>
<b>Revolutionising the understanding of childhood food allergy to halt the epidemic</b>	<b>King's College London (KCL)</b>	<a href="https://results2021.ref.ac.uk/impact/85B63F1B-99A2-4DE0-BCC3-607119041E35?page=1">https://results2021.ref.ac.uk/impact/85B63F1B-99A2-4DE0-BCC3-607119041E35?page=1</a>
<b>Revolutionising the understanding of childhood food allergy to halt the epidemic</b>	<b>King's College London</b>	<a href="https://results2021.ref.ac.uk/impact/1DF57E10-077F-4902-AC7A-B02E7F813881?page=1">https://results2021.ref.ac.uk/impact/1DF57E10-077F-4902-AC7A-B02E7F813881?page=1</a>
Risk assessment and suicide prevention: Improving skills and confidence of frontline workers internationally through STORM training	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/28495A06-735F-46DC-8129-41AC1FAF09A3?page=1">https://results2021.ref.ac.uk/impact/28495A06-735F-46DC-8129-41AC1FAF09A3?page=1</a>
Rolling programme of research, centred on the National Joint Registry, to improve the outcomes of hip and knee replacements worldwide	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/3E63B611-7C39-48E9-BC99-A813D1B55551?page=1">https://results2021.ref.ac.uk/impact/3E63B611-7C39-48E9-BC99-A813D1B55551?page=1</a>
Safer use of high-risk medicines through data-driven quality improvement initiatives	University of Strathclyde	<a href="https://results2021.ref.ac.uk/impact/B7D03B8A-A28B-4A98-B16A-76C197DBECE2?page=1">https://results2021.ref.ac.uk/impact/B7D03B8A-A28B-4A98-B16A-76C197DBECE2?page=1</a>
Save a Life for Scotland: Improving bystander cardiopulmonary resuscitation rates and increasing survival in Scotland after out-of-hospital cardiac arrest	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/806911BE-18FE-4C4B-B262-4485B05DC29D?page=1">https://results2021.ref.ac.uk/impact/806911BE-18FE-4C4B-B262-4485B05DC29D?page=1</a>
Saving lives and money: encouraging male circumcision to prevent HIV	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/43028113-0B9C-4662-9E24-6E065D52F111?page=1">https://results2021.ref.ac.uk/impact/43028113-0B9C-4662-9E24-6E065D52F111?page=1</a>
Saving lives by increasing international investment for malaria control and elimination	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/6FA85C72-78C8-4684-B1E9-A8366F9462E8?page=1">https://results2021.ref.ac.uk/impact/6FA85C72-78C8-4684-B1E9-A8366F9462E8?page=1</a>
Saving patients across England from hazardous prescribing through the implementation of a pharmacist led intervention, PINCER.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/D5E716DE-9F8D-4874-AFC9-3DC552E74656?page=1">https://results2021.ref.ac.uk/impact/D5E716DE-9F8D-4874-AFC9-3DC552E74656?page=1</a>
Second-generation Inhibin B biomarker assay: impact on male fertility testing and diagnosis and monitoring remission of ovarian granulosa cell cancer	Oxford Brookes University	<a href="https://results2021.ref.ac.uk/impact/0C69F1A1-0D50-44BB-8543-02B70EC2EEF6?page=1">https://results2021.ref.ac.uk/impact/0C69F1A1-0D50-44BB-8543-02B70EC2EEF6?page=1</a>
Secukinumab becomes the first interleukin-17A inhibitor approved for psoriatic arthritis	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/EC80728E-9B15-4ABC-A399-7B5BCBD485AB?page=1">https://results2021.ref.ac.uk/impact/EC80728E-9B15-4ABC-A399-7B5BCBD485AB?page=1</a>



Securing equitable policy and practice for HIV pre-exposure prophylaxis (PrEP) in the UK	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/D4B827C9-F29B-42E7-A6BB-E6F325707C3A?page=1">https://results2021.ref.ac.uk/impact/D4B827C9-F29B-42E7-A6BB-E6F325707C3A?page=1</a>
Shaping policy and practice for type 2 diabetes prevention in the UK	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/96F65710-26F9-4321-8001-A8AE7E237F38?page=1">https://results2021.ref.ac.uk/impact/96F65710-26F9-4321-8001-A8AE7E237F38?page=1</a>
Shaping the future of robotic surgical systems for rectal cancer	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/2C0217E1-4971-4577-861E-F72FB259D387?page=1">https://results2021.ref.ac.uk/impact/2C0217E1-4971-4577-861E-F72FB259D387?page=1</a>
Shaping UK national policy to reduce the rate of COVID-19 transmission in care homes	University College London	<a href="https://results2021.ref.ac.uk/impact/D83DE44B-DD7A-4E8E-8B0F-48CF919E1847?page=1">https://results2021.ref.ac.uk/impact/D83DE44B-DD7A-4E8E-8B0F-48CF919E1847?page=1</a>
Shaping WHO vaccine policy recommendations with mathematical modelling	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/CA141443-E651-4AB7-8D25-7D8730E21EF0?page=1">https://results2021.ref.ac.uk/impact/CA141443-E651-4AB7-8D25-7D8730E21EF0?page=1</a>
Sickle Cell Disease: Globalising and extending population screening and black and ethnic minority health	King's College London	<a href="https://results2021.ref.ac.uk/impact/DA4C7089-04DC-40B8-9DA7-D8382A8349E2?page=1">https://results2021.ref.ac.uk/impact/DA4C7089-04DC-40B8-9DA7-D8382A8349E2?page=1</a>
Sit Less, Stand and Move More: Prevention of Chronic Disease by Reducing Sedentary Behaviour	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/CF691C1B-896B-4811-BC96-FE7B44E4010E?page=1">https://results2021.ref.ac.uk/impact/CF691C1B-896B-4811-BC96-FE7B44E4010E?page=1</a>
Smartphone technology for innovative targeted treatment of poor vision and blindness	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/9E93FE01-DF94-4300-8AF9-D0F39A5DC87D?page=1">https://results2021.ref.ac.uk/impact/9E93FE01-DF94-4300-8AF9-D0F39A5DC87D?page=1</a>
Social enterprise as a health and well-being 'intervention': the impacts on policy and practice	Glasgow Caledonian University	<a href="https://results2021.ref.ac.uk/impact/639D8392-1EA6-40A2-8A8B-C9D0C3EEE9D2?page=1">https://results2021.ref.ac.uk/impact/639D8392-1EA6-40A2-8A8B-C9D0C3EEE9D2?page=1</a>
Specialist cancer services improve outcomes for Teenagers and Young Adults with cancer	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/77754C62-E757-4875-9CD3-6E7D73446482?page=1">https://results2021.ref.ac.uk/impact/77754C62-E757-4875-9CD3-6E7D73446482?page=1</a>
Spending Healthcare Resources Wisely	University of York	<a href="https://results2021.ref.ac.uk/impact/64DE1C24-C7ED-4316-868A-C9A87DEB945D?page=1">https://results2021.ref.ac.uk/impact/64DE1C24-C7ED-4316-868A-C9A87DEB945D?page=1</a>
Spin out Exonate generates investment and job creation through the development of a revolutionary eye drop treatment for neovascular eye disease.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/A7E09B3B-8644-4C9D-83BD-CAE1DAF6BB32?page=1">https://results2021.ref.ac.uk/impact/A7E09B3B-8644-4C9D-83BD-CAE1DAF6BB32?page=1</a>
<b>Stars in their eyes: gene therapy for degenerative eye disease</b>	<b>Imperial College London</b>	<a href="https://results2021.ref.ac.uk/impact/C8270BB3-EFB3-4A1B-8888-DD578E2C536D?page=1">https://results2021.ref.ac.uk/impact/C8270BB3-EFB3-4A1B-8888-DD578E2C536D?page=1</a>

Statistical Expert Witness work in Medical and Life Expectancy Litigations	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/5E07B187-6035-49C0-93A3-7B1671399B3D?page=1">https://results2021.ref.ac.uk/impact/5E07B187-6035-49C0-93A3-7B1671399B3D?page=1</a>
Statistics research underpins methodological standards and design tools for efficient and informative trial of healthcare interventions	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/9E420851-3763-4C39-A1AD-21E2D036C499?page=1">https://results2021.ref.ac.uk/impact/9E420851-3763-4C39-A1AD-21E2D036C499?page=1</a>
Stimulating debate, changing practice and influencing policy in tackling drug-related deaths in the UK, Europe and USA	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/E2E11BFE-0C4B-41EB-9CA3-11518ADA7BC1?page=1">https://results2021.ref.ac.uk/impact/E2E11BFE-0C4B-41EB-9CA3-11518ADA7BC1?page=1</a>
Stopping the use of diaphragm pacing for patients with ALS	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/280FBF0F-49C6-4083-B031-A6494FF52AB5?page=1">https://results2021.ref.ac.uk/impact/280FBF0F-49C6-4083-B031-A6494FF52AB5?page=1</a>
Strengthening effective clinical practice and integrated disease management in primary care in low and middle income countries	The University of East Anglia	<a href="https://results2021.ref.ac.uk/impact/2671D560-75A6-4FCA-90BB-3AC9BFE7BD27?page=1">https://results2021.ref.ac.uk/impact/2671D560-75A6-4FCA-90BB-3AC9BFE7BD27?page=1</a>
Strengthening global and national policies on performance-based and innovative health financing in low-income and fragile settings	Queen Margaret University, Edinburgh	<a href="https://results2021.ref.ac.uk/impact/E308FE5F-07EF-4AF6-83ED-D7739AF32F51?page=1">https://results2021.ref.ac.uk/impact/E308FE5F-07EF-4AF6-83ED-D7739AF32F51?page=1</a>
Successful elimination of second-hand smoke in Scottish prisons through a comprehensive smoking ban	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/9F386B58-F55C-40A0-AD66-D407FC43E22D?page=1">https://results2021.ref.ac.uk/impact/9F386B58-F55C-40A0-AD66-D407FC43E22D?page=1</a>
Successfully tackling serious fungal diseases to transform global population health	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/4FF05820-7760-4F7F-A74E-B499E45D3886?page=1">https://results2021.ref.ac.uk/impact/4FF05820-7760-4F7F-A74E-B499E45D3886?page=1</a>
Sudden Unexplained Death in the Young: Enabling diagnosis and promoting preventative interventions	St. George's, University of London	<a href="https://results2021.ref.ac.uk/impact/6EC915FF-25BA-45E8-A983-02EDD16DBAFC?page=1">https://results2021.ref.ac.uk/impact/6EC915FF-25BA-45E8-A983-02EDD16DBAFC?page=1</a>
Supercomputer-based data analysis used to develop effective Ebola containment strategies and healthcare guidance for survivors	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/0240EA21-1368-420D-99E3-4E27110F0133?page=1">https://results2021.ref.ac.uk/impact/0240EA21-1368-420D-99E3-4E27110F0133?page=1</a>
Supporting tobacco control decision making for improved health and economic productivity	Brunel University London	<a href="https://results2021.ref.ac.uk/impact/13E042AA-D486-4D2B-9AC7-DCB8D8F07072?page=1">https://results2021.ref.ac.uk/impact/13E042AA-D486-4D2B-9AC7-DCB8D8F07072?page=1</a>
Sustaining remote and rural healthcare services	University of the Highlands and Islands	<a href="https://results2021.ref.ac.uk/impact/ACD2BBAD-DEBB-4EE0-BB73-56C3DA76E4D9?page=1">https://results2021.ref.ac.uk/impact/ACD2BBAD-DEBB-4EE0-BB73-56C3DA76E4D9?page=1</a>
Tackling cardiac rhythm abnormalities to extend and improve quality of life	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/533D177A-14A9-41DB-AF08-CFC2556A8FDF?page=1">https://results2021.ref.ac.uk/impact/533D177A-14A9-41DB-AF08-CFC2556A8FDF?page=1</a>

Targeted therapy in juvenile idiopathic arthritis-associated uveitis has reduced visual impairment and changed practice globally	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/86B29E22-3A55-4168-B1DB-D164D7FD7380?page=1">https://results2021.ref.ac.uk/impact/86B29E22-3A55-4168-B1DB-D164D7FD7380?page=1</a>
The 100,000 Genomes Project: Developing New National Infrastructure for Whole-Genome Sequencing	Queen Mary University of London	<a href="https://results2021.ref.ac.uk/impact/B332EE78-40A7-44BB-9509-5F72C3F41CAC?page=1">https://results2021.ref.ac.uk/impact/B332EE78-40A7-44BB-9509-5F72C3F41CAC?page=1</a>
The Behaviour Change Wheel - more effective interventions in national and international health policy	University College London	<a href="https://results2021.ref.ac.uk/impact/0D557671-C620-4B56-B368-FC2FD37A0EA5?page=1">https://results2021.ref.ac.uk/impact/0D557671-C620-4B56-B368-FC2FD37A0EA5?page=1</a>
The Child Feeding Guide: improving parental feeding practices, child eating behaviour and the knowledge of healthcare practitioners	Aston University	<a href="https://results2021.ref.ac.uk/impact/091489C4-FA9F-4ECC-9801-0CB2091343BE?page=1">https://results2021.ref.ac.uk/impact/091489C4-FA9F-4ECC-9801-0CB2091343BE?page=1</a>
The COMET (Core Outcome Measures in Effectiveness Trials) Initiative establishes international standard in clinical trials policy, guidance and patient participation	The University of Liverpool	<a href="https://results2021.ref.ac.uk/impact/A98045C4-BC89-474C-A318-A6E64170C257?page=1">https://results2021.ref.ac.uk/impact/A98045C4-BC89-474C-A318-A6E64170C257?page=1</a>
The development and implementation of evidence-based cognitive-behavioural therapy for eating disorders in routine clinical practice	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/1A02DB1A-7C4C-42F3-AA69-E09099F0683C?page=1">https://results2021.ref.ac.uk/impact/1A02DB1A-7C4C-42F3-AA69-E09099F0683C?page=1</a>
The development of a real-time NanoBRET ligand-binding assay resulted in its successful commercialisation and implementation by global pharma.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/660BC46B-A930-4AA9-BD24-7D82574629FE?page=1">https://results2021.ref.ac.uk/impact/660BC46B-A930-4AA9-BD24-7D82574629FE?page=1</a>
The European Xenopus Resource Centre: supporting the 3Rs, enhancing the efficiency of biomedical research and improving the diagnosis of rare genetic diseases	University of Portsmouth	<a href="https://results2021.ref.ac.uk/impact/8419B41A-757D-41ED-86AF-05A1C24973E4?page=1">https://results2021.ref.ac.uk/impact/8419B41A-757D-41ED-86AF-05A1C24973E4?page=1</a>
The Four Mountains Test: Assessing Hippocampal Function in Health and Disease with Applications to Drug Evaluation and Space Medicine	University of York	<a href="https://results2021.ref.ac.uk/impact/606EB276-316A-4B57-ACAB-1E424FDC24AF?page=1">https://results2021.ref.ac.uk/impact/606EB276-316A-4B57-ACAB-1E424FDC24AF?page=1</a>
<b>The Friendship Bench: a community based intervention to reduce depression, developed in villages in Zimbabwe</b>	<b>King's College London</b>	<a href="https://results2021.ref.ac.uk/impact/5D92829B-7D6A-44E6-8FC8-73FA8F53DFD0?page=1">https://results2021.ref.ac.uk/impact/5D92829B-7D6A-44E6-8FC8-73FA8F53DFD0?page=1</a>
The HeadStart Learning Programme: evidencing changes to policy and practice for young people's mental health and wellbeing	University College London	<a href="https://results2021.ref.ac.uk/impact/BE9BA06E-EC EB-422B-9FB5-659FE4106001?page=1">https://results2021.ref.ac.uk/impact/BE9BA06E-EC EB-422B-9FB5-659FE4106001?page=1</a>
The health and commercial impacts of research informing the development of the Cordella™ Heart Failure System	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/F6EF4E7E-4ABE-4AC7-8BFD-738704FB67A6?page=1">https://results2021.ref.ac.uk/impact/F6EF4E7E-4ABE-4AC7-8BFD-738704FB67A6?page=1</a>

The health effects of air pollution: driving policy and legislative change to improve air quality and protect public health.	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/895DF45A-8C79-45DB-A9A6-7778DFEF8A50?page=1">https://results2021.ref.ac.uk/impact/895DF45A-8C79-45DB-A9A6-7778DFEF8A50?page=1</a>
The impact of compassion-based interventions on mental health	University of Derby	<a href="https://results2021.ref.ac.uk/impact/DBB71B7A-1EEA-45E8-A97E-F6762CAD5812?page=1">https://results2021.ref.ac.uk/impact/DBB71B7A-1EEA-45E8-A97E-F6762CAD5812?page=1</a>
The impact of research on work, stress and wellbeing on influencing employment policies and public campaigns on improving working conditions	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/4B236741-2FAC-4CA5-A6EF-DC6FB2D16A95?page=1">https://results2021.ref.ac.uk/impact/4B236741-2FAC-4CA5-A6EF-DC6FB2D16A95?page=1</a>
<b>The impact of user centred design research on health, wealth and innovation culture.</b>	<b>Cardiff Metropolitan University</b>	<a href="https://results2021.ref.ac.uk/impact/7604F52E-60D3-44EB-A2C6-60F985EFCB3B?page=1">https://results2021.ref.ac.uk/impact/7604F52E-60D3-44EB-A2C6-60F985EFCB3B?page=1</a>
The Invention of Samuraciclib, a Highly Selective CDK-7 Inhibitor, the Formation of Carrick Therapeutics and Clinical Trials on Treating Patients with Resistant Cancers	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/C9EB244C-5718-4614-9A24-E494057695C4?page=1">https://results2021.ref.ac.uk/impact/C9EB244C-5718-4614-9A24-E494057695C4?page=1</a>
The mental health of military personnel, veterans and their families: informing policy, interventions and investment	King's College London	<a href="https://results2021.ref.ac.uk/impact/88325207-ECC0-4721-AEF0-3DF994820E6D?page=1">https://results2021.ref.ac.uk/impact/88325207-ECC0-4721-AEF0-3DF994820E6D?page=1</a>
The miRBase microRNA database – driving the development of commercial microRNA research tools, diagnostics and therapeutics	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/94D73568-4A2B-430C-B1B7-041CDD5696B4?page=1">https://results2021.ref.ac.uk/impact/94D73568-4A2B-430C-B1B7-041CDD5696B4?page=1</a>
The Nanoimager – from a physics lab to COVID-19 testing via spin-out success	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/C30022B1-3EEA-43E4-9963-EAEC0815A93F?page=1">https://results2021.ref.ac.uk/impact/C30022B1-3EEA-43E4-9963-EAEC0815A93F?page=1</a>
The National Surveys of Sexual Attitudes and Lifestyles (Natsal): shaping sexual health policy and practice and enhancing public dialogue around sex.	University College London	<a href="https://results2021.ref.ac.uk/impact/FDDAA28F-0565-4229-86B7-F9B63205DD3E?page=1">https://results2021.ref.ac.uk/impact/FDDAA28F-0565-4229-86B7-F9B63205DD3E?page=1</a>
<b>The Oxford-AstraZeneca COVID-19 vaccine</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/52CF7A8D-5F6B-45BF-80B5-E4783723FD58?page=1">https://results2021.ref.ac.uk/impact/52CF7A8D-5F6B-45BF-80B5-E4783723FD58?page=1</a>
The SF-6D: An internationally adopted measure for assessing the cost-effectiveness of healthcare interventions	The University of Sheffield	<a href="https://results2021.ref.ac.uk/impact/BAFB3790-6C6A-4DE8-8E9D-C14604853455?page=1">https://results2021.ref.ac.uk/impact/BAFB3790-6C6A-4DE8-8E9D-C14604853455?page=1</a>
The strategic and policy impact of adolescent health research at national, European and international levels	University of St Andrews	<a href="https://results2021.ref.ac.uk/impact/24A1FFE4-8830-431C-9B8E-31D361A6E67A?page=1">https://results2021.ref.ac.uk/impact/24A1FFE4-8830-431C-9B8E-31D361A6E67A?page=1</a>

The transformation of perinatal mental health care	King's College London	<a href="https://results2021.ref.ac.uk/impact/4739C692-983E-4ACB-AB5F-28FEB9F1E598?page=1">https://results2021.ref.ac.uk/impact/4739C692-983E-4ACB-AB5F-28FEB9F1E598?page=1</a>
The value of natural environments for human health: transforming regional, national and international environmental and health policy	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/53E59EBF-D875-4097-A6EC-82FDC7DF65BA?page=1">https://results2021.ref.ac.uk/impact/53E59EBF-D875-4097-A6EC-82FDC7DF65BA?page=1</a>
The Zika virus emergency: informing the international response	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/FF77C5EE-32F3-4EFC-BB01-EC2724D890C1?page=1">https://results2021.ref.ac.uk/impact/FF77C5EE-32F3-4EFC-BB01-EC2724D890C1?page=1</a>
Therapeutic and commercial translation of skeletal stem cells for new approaches to orthopaedic treatment	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/73D887ED-22A4-46CC-8DD0-53DDF1927824?page=1">https://results2021.ref.ac.uk/impact/73D887ED-22A4-46CC-8DD0-53DDF1927824?page=1</a>
Timely detection of outbreaks of infectious diseases	The Open University	<a href="https://results2021.ref.ac.uk/impact/BF7B33CE-80D2-4AE6-A948-D764A26C12D4?page=1">https://results2021.ref.ac.uk/impact/BF7B33CE-80D2-4AE6-A948-D764A26C12D4?page=1</a>
Touch for Life	Liverpool John Moores University	<a href="https://results2021.ref.ac.uk/impact/17594F44-A613-454D-B15B-209C76325219?page=1">https://results2021.ref.ac.uk/impact/17594F44-A613-454D-B15B-209C76325219?page=1</a>
Towards global elimination of Hepatitis C: Bristol research informs prevention and treatment strategies	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/77E28B00-5A4E-4400-B1C5-259D0A5E22A6?page=1">https://results2021.ref.ac.uk/impact/77E28B00-5A4E-4400-B1C5-259D0A5E22A6?page=1</a>
Tranexamic acid treatment for patients with major trauma	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/6D63AD2C-6DE0-4797-B41C-269A9B9A362E?page=1">https://results2021.ref.ac.uk/impact/6D63AD2C-6DE0-4797-B41C-269A9B9A362E?page=1</a>
Transformative Care for Idiopathic Intracranial Hypertension	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/785BF09E-3021-46EC-A1B8-9FBC41445631?page=1">https://results2021.ref.ac.uk/impact/785BF09E-3021-46EC-A1B8-9FBC41445631?page=1</a>
Transforming access to palliative care for underserved groups	King's College London	<a href="https://results2021.ref.ac.uk/impact/32F1C5BB-1F06-4D0B-B8BA-EA5FBEB6592A?page=1">https://results2021.ref.ac.uk/impact/32F1C5BB-1F06-4D0B-B8BA-EA5FBEB6592A?page=1</a>
Transforming access to sensitive personal data \- Enhancing data infrastructure, access and capacity for policy development	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/D8928FCD-61BB-4C02-95E4-70747FD29C4B?page=1">https://results2021.ref.ac.uk/impact/D8928FCD-61BB-4C02-95E4-70747FD29C4B?page=1</a>
Transforming Amish healthcare services through genomic research	University of Exeter	<a href="https://results2021.ref.ac.uk/impact/AF54FDF4-D9C8-4F8F-8F7E-EE307C610BA3?page=1">https://results2021.ref.ac.uk/impact/AF54FDF4-D9C8-4F8F-8F7E-EE307C610BA3?page=1</a>
Transforming Autism Treatment Worldwide: the Manchester-led Paediatric Autism Communication Therapy (PACT)	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/276854F7-F799-4DD7-A6DC-7C53A372E46E?page=1">https://results2021.ref.ac.uk/impact/276854F7-F799-4DD7-A6DC-7C53A372E46E?page=1</a>



Transforming cancer care and improving the lives of cancer survivors	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/74043DA6-261E-4915-83A0-637CA9627D93?page=1">https://results2021.ref.ac.uk/impact/74043DA6-261E-4915-83A0-637CA9627D93?page=1</a>
Transforming clinical management of inherited human diseases	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/41C3C0D8-15F0-4593-898D-3289272B5915?page=1">https://results2021.ref.ac.uk/impact/41C3C0D8-15F0-4593-898D-3289272B5915?page=1</a>
Transforming clinical management of inherited human neurological disease	The University of Leeds	<a href="https://results2021.ref.ac.uk/impact/430BE47C-33F4-4131-8E35-C4A661556DF7?page=1">https://results2021.ref.ac.uk/impact/430BE47C-33F4-4131-8E35-C4A661556DF7?page=1</a>
Transforming clinical understanding and the practice of health professionals through the Interrelated BA in Medical Humanities	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/02948DC1-52AF-4EBD-B950-0D93E96B610B?page=1">https://results2021.ref.ac.uk/impact/02948DC1-52AF-4EBD-B950-0D93E96B610B?page=1</a>
Transforming emphysema treatment: first-in-man to clinical commissioning of Bronchoscopic Lung Volume Reduction.	Imperial College London	<a href="https://results2021.ref.ac.uk/impact/3154505E-9D36-4786-8392-4F9FB7CB4EA4?page=1">https://results2021.ref.ac.uk/impact/3154505E-9D36-4786-8392-4F9FB7CB4EA4?page=1</a>
Transforming genomic selection in commercial breeding programmes for pigs, dairy goats and poultry	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/B95B1310-EB49-43CE-A8AB-1CB181CFB910?page=1">https://results2021.ref.ac.uk/impact/B95B1310-EB49-43CE-A8AB-1CB181CFB910?page=1</a>
<b>Transforming global HIV prevention strategies and the lives of millions of people living with HIV.</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/82CAA712-0AE3-4179-A12D-6B50156DEA6F?page=1">https://results2021.ref.ac.uk/impact/82CAA712-0AE3-4179-A12D-6B50156DEA6F?page=1</a>
Transforming musculoskeletal therapies and services in primary care	University of Keele	<a href="https://results2021.ref.ac.uk/impact/78C30C6D-1A18-41F2-9B25-F6B3715E42C2?page=1">https://results2021.ref.ac.uk/impact/78C30C6D-1A18-41F2-9B25-F6B3715E42C2?page=1</a>
Transforming national and international clinical practice in the treatment of resistant hypertension	University College London	<a href="https://results2021.ref.ac.uk/impact/D39DB937-4D2D-468B-8204-ED787961B3AA?page=1">https://results2021.ref.ac.uk/impact/D39DB937-4D2D-468B-8204-ED787961B3AA?page=1</a>
Transforming patient outcome of pulmonary aspergillosis with better and faster diagnosis and therapy	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/8782B815-041C-4EA6-B98B-E98BEEF44F3E?page=1">https://results2021.ref.ac.uk/impact/8782B815-041C-4EA6-B98B-E98BEEF44F3E?page=1</a>
Transforming public health policy and guidelines on the surveillance and treatment of obesity in children and young people in the UK and USA	Teesside University	<a href="https://results2021.ref.ac.uk/impact/4AEB7D68-BF22-4A4E-A6D8-90797CA27218?page=1">https://results2021.ref.ac.uk/impact/4AEB7D68-BF22-4A4E-A6D8-90797CA27218?page=1</a>
Transforming supportive cancer care for patients and families in Northern Ireland.	Queen's University of Belfast	<a href="https://results2021.ref.ac.uk/impact/F8C95C71-8B97-4172-9F73-2F459DD6D15A?page=1">https://results2021.ref.ac.uk/impact/F8C95C71-8B97-4172-9F73-2F459DD6D15A?page=1</a>
Transforming the care of children and adults with nephrotic syndrome throughout the world	University of Bristol	<a href="https://results2021.ref.ac.uk/impact/E8442984-9C3E-4CA1-96D3-B01530D8B4EE?page=1">https://results2021.ref.ac.uk/impact/E8442984-9C3E-4CA1-96D3-B01530D8B4EE?page=1</a>



Transforming the diagnosis and management of bronchiectasis	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/441B2D12-9878-4B10-879F-D3AC833D986C?page=1">https://results2021.ref.ac.uk/impact/441B2D12-9878-4B10-879F-D3AC833D986C?page=1</a>
<b>Transforming the diagnosis and treatment of ATTR amyloidosis: from a rare untreatable disease to a common remediable disorder</b>	<b>University College London</b>	<a href="https://results2021.ref.ac.uk/impact/A40C15CE-0C8D-47A1-AD02-10C3ACE75C6A?page=1">https://results2021.ref.ac.uk/impact/A40C15CE-0C8D-47A1-AD02-10C3ACE75C6A?page=1</a>
Transforming the diagnostic pathway for men at risk of prostate cancer by the introduction of magnetic resonance imaging (MRI)	University College London	<a href="https://results2021.ref.ac.uk/impact/7464144A-2559-42E1-83AE-5E8497CB3873?page=1">https://results2021.ref.ac.uk/impact/7464144A-2559-42E1-83AE-5E8497CB3873?page=1</a>
Transforming the management of people with inherited eye diseases: a paradigm for the implementation of genomic medicine	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/8CD3E4B6-D896-47A6-81BB-770A682EA451?page=1">https://results2021.ref.ac.uk/impact/8CD3E4B6-D896-47A6-81BB-770A682EA451?page=1</a>
<b>Transforming the treatment and prevention of HIV-associated cryptococcal meningitis</b>	<b>St. George's, University of London</b>	<a href="https://results2021.ref.ac.uk/impact/A8052133-C114-4B10-9258-56BF41456A0D?page=1">https://results2021.ref.ac.uk/impact/A8052133-C114-4B10-9258-56BF41456A0D?page=1</a>
Transforming the use of Arterial Spin Labelling for clinical practice globally	University College London	<a href="https://results2021.ref.ac.uk/impact/837950FF-AE46-43BE-9130-12D94D682D3F?page=1">https://results2021.ref.ac.uk/impact/837950FF-AE46-43BE-9130-12D94D682D3F?page=1</a>
<b>Transforming therapeutic outcomes of fatal Duchenne Muscular Dystrophy with genetic medicines</b>	<b>Royal Holloway, University of London</b>	<a href="https://results2021.ref.ac.uk/impact/36AC5E5A-00BE-490E-ADB3-AA163FBE77E0?page=1">https://results2021.ref.ac.uk/impact/36AC5E5A-00BE-490E-ADB3-AA163FBE77E0?page=1</a>
Translation and commercialization of a bacteria resistant coated urinary catheter: From Discovery to Society.	The University of Nottingham	<a href="https://results2021.ref.ac.uk/impact/61EC95C2-BB8A-4C91-B485-DECAA2E108B7?page=1">https://results2021.ref.ac.uk/impact/61EC95C2-BB8A-4C91-B485-DECAA2E108B7?page=1</a>
Treatment and control of malaria in pregnancy: Improved policy guidelines and practice	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/2FC0EA86-DC57-47AF-B7F0-F8AB0A146984?page=1">https://results2021.ref.ac.uk/impact/2FC0EA86-DC57-47AF-B7F0-F8AB0A146984?page=1</a>
Treatment stratification for childhood medulloblastoma patients	University of Newcastle upon Tyne	<a href="https://results2021.ref.ac.uk/impact/8E0CF951-9F42-46E5-B7EB-22BCB6C581C4?page=1">https://results2021.ref.ac.uk/impact/8E0CF951-9F42-46E5-B7EB-22BCB6C581C4?page=1</a>
Tuberculosis: testing and implementing innovative treatments	University of St Andrews	<a href="https://results2021.ref.ac.uk/impact/AA9D9620-42AF-427A-9573-DC667856CB27?page=1">https://results2021.ref.ac.uk/impact/AA9D9620-42AF-427A-9573-DC667856CB27?page=1</a>
Typhoid vaccine introduction improves childhood health and disease control	University of Oxford	<a href="https://results2021.ref.ac.uk/impact/A90CD76E-DEA5-48BE-B8D1-E0C3C43AE9E1?page=1">https://results2021.ref.ac.uk/impact/A90CD76E-DEA5-48BE-B8D1-E0C3C43AE9E1?page=1</a>
UK dietary sources of Iodine: Impact on product reformulation, policy and public awareness	The University of Surrey	<a href="https://results2021.ref.ac.uk/impact/C47930F7-600B-4193-B823-98F6220BAEE2?page=1">https://results2021.ref.ac.uk/impact/C47930F7-600B-4193-B823-98F6220BAEE2?page=1</a>

Uncovering a causative link between recombinant interferon beta therapy and thrombotic microangiopathy leads to international safety alerts and risk mitigation measures	University of Edinburgh	<a href="https://results2021.ref.ac.uk/impact/C6479EC0-446A-455D-803F-F21C52754AB7?page=1">https://results2021.ref.ac.uk/impact/C6479EC0-446A-455D-803F-F21C52754AB7?page=1</a>
Uncovering and addressing gaps in care for adolescents with HIV	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/55E909C2-5219-49AE-A664-1B24D726C068?page=1">https://results2021.ref.ac.uk/impact/55E909C2-5219-49AE-A664-1B24D726C068?page=1</a>
<b>Underpinning Evidence for Traffic Control Schemes in the UK and Internationally to Improve Air Quality and Health</b>	<b>King's College London</b>	<a href="https://results2021.ref.ac.uk/impact/F19C81C7-A7D8-47E1-9360-FDF0292E0A0C?page=1">https://results2021.ref.ac.uk/impact/F19C81C7-A7D8-47E1-9360-FDF0292E0A0C?page=1</a>
Understanding behaviour during crises to inform national emergency preparedness and response	King's College London	<a href="https://results2021.ref.ac.uk/impact/360E19C1-7D12-4E34-8879-F565A43E2655?page=1">https://results2021.ref.ac.uk/impact/360E19C1-7D12-4E34-8879-F565A43E2655?page=1</a>
Understanding disease spill-over from wildlife to improve public health outcomes in a changing world	University College London	<a href="https://results2021.ref.ac.uk/impact/F7EA6490-3678-4710-9954-4BB545EBC6BD?page=1">https://results2021.ref.ac.uk/impact/F7EA6490-3678-4710-9954-4BB545EBC6BD?page=1</a>
Understanding polypharmacy: improving multiple medication regimes for older people.	Aston University	<a href="https://results2021.ref.ac.uk/impact/50E6B9FF-B798-408E-ABA0-FDDF1268E088?page=1">https://results2021.ref.ac.uk/impact/50E6B9FF-B798-408E-ABA0-FDDF1268E088?page=1</a>
Understanding the burden of chronic pain and enhancing service provision through improved pain management.	University of Aberdeen	<a href="https://results2021.ref.ac.uk/impact/5B1F23FC-AEBF-4293-A9D6-50DDBFBCD913?page=1">https://results2021.ref.ac.uk/impact/5B1F23FC-AEBF-4293-A9D6-50DDBFBCD913?page=1</a>
<b>Understanding the transmission and control of COVID-19</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/078D2F7F-DD28-47BB-A61F-79D27BCF82F3?page=1">https://results2021.ref.ac.uk/impact/078D2F7F-DD28-47BB-A61F-79D27BCF82F3?page=1</a>
Uptake of evidence-based, early childhood, caregiver-training interventions to improve children's development in low- and middle-income countries (LMIC).	Bangor University	<a href="https://results2021.ref.ac.uk/impact/361A641D-D81B-4EB3-ABDC-5046C4F8E4FA?page=1">https://results2021.ref.ac.uk/impact/361A641D-D81B-4EB3-ABDC-5046C4F8E4FA?page=1</a>
<b>Urgent secondary prevention after transient ischaemic attacks and minor stroke</b>	<b>University of Oxford</b>	<a href="https://results2021.ref.ac.uk/impact/A36947E8-8EC2-48D4-BC26-F36E544EB8AB?page=1">https://results2021.ref.ac.uk/impact/A36947E8-8EC2-48D4-BC26-F36E544EB8AB?page=1</a>
US Clinical Approval for Neurological Treatment	The University of Kent	<a href="https://results2021.ref.ac.uk/impact/F8759502-526B-473D-814B-821E0075774E?page=1">https://results2021.ref.ac.uk/impact/F8759502-526B-473D-814B-821E0075774E?page=1</a>
Use of bevacizumab in common and rare eye diseases	University of Southampton	<a href="https://results2021.ref.ac.uk/impact/8FE309C7-AA6B-4835-9AB6-CC06329F6923?page=1">https://results2021.ref.ac.uk/impact/8FE309C7-AA6B-4835-9AB6-CC06329F6923?page=1</a>
Use of population-based health informatics research to improve care for patients with cardio-metabolic diseases	University of Dundee	<a href="https://results2021.ref.ac.uk/impact/E66402B9-D084-">https://results2021.ref.ac.uk/impact/E66402B9-D084-</a>

		<a href="https://results2021.ref.ac.uk/impact/445F-BBA4-EE81C21B2C94?page=1">415F-BBA4-EE81C21B2C94?page=1</a>
Use of virtual observed therapy to transform global tuberculosis control and treatment adherence in vulnerable TB patients.	University College London	<a href="https://results2021.ref.ac.uk/impact/AAAACF1A-FFCB-4CB1-AD5F-8474561CE7A0?page=1">https://results2021.ref.ac.uk/impact/AAAACF1A-FFCB-4CB1-AD5F-8474561CE7A0?page=1</a>
Using Economics to Inform Budget Allocation in Global Health.	University of York	<a href="https://results2021.ref.ac.uk/impact/C487CE95-326A-40FF-AA76-D48B7A79BB53?page=1">https://results2021.ref.ac.uk/impact/C487CE95-326A-40FF-AA76-D48B7A79BB53?page=1</a>
Using mathematical modelling to inform policy decisions on vaccination	London School of Hygiene and Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/5B011C64-7C01-4F56-846D-134F5EAE23C2?page=1">https://results2021.ref.ac.uk/impact/5B011C64-7C01-4F56-846D-134F5EAE23C2?page=1</a>
Using Participatory and Co-design Processes to Improve User Experiences for Health and Care Services across Scotland	Glasgow School of Art.	<a href="https://results2021.ref.ac.uk/impact/1AD82175-3BE8-4156-9F04-6CEFF927509F?page=1">https://results2021.ref.ac.uk/impact/1AD82175-3BE8-4156-9F04-6CEFF927509F?page=1</a>
Using plasma technology to extend food shelf-life and for safe, powerful decontamination	University of Glasgow	<a href="https://results2021.ref.ac.uk/impact/D8A1F9B0-F535-4540-A202-734C2B5952F8?page=1">https://results2021.ref.ac.uk/impact/D8A1F9B0-F535-4540-A202-734C2B5952F8?page=1</a>
Using sound not surgery: a new ultrasound approach improves accuracy for assessing the spread of lung cancer.	University of Cambridge	<a href="https://results2021.ref.ac.uk/impact/4672058D-C102-45E9-A808-BAA215F18F07?page=1">https://results2021.ref.ac.uk/impact/4672058D-C102-45E9-A808-BAA215F18F07?page=1</a>
Using suboptimal livers to save lives in transplant surgery	The University of Birmingham	<a href="https://results2021.ref.ac.uk/impact/5E6F4454-03F5-4905-B2E6-DBE3176C3C25?page=1">https://results2021.ref.ac.uk/impact/5E6F4454-03F5-4905-B2E6-DBE3176C3C25?page=1</a>
Using the science of reading to change literacy policy and practice	Royal Holloway, University of London	<a href="https://results2021.ref.ac.uk/impact/FFFE8AE7-A8DB-4786-9E25-B020F856AB99?page=1">https://results2021.ref.ac.uk/impact/FFFE8AE7-A8DB-4786-9E25-B020F856AB99?page=1</a>
Using Virtual Reality for the Benefit of Patients and Medical Practitioners	Sheffield Hallam University	<a href="https://results2021.ref.ac.uk/impact/96A05B73-2093-4289-88E5-62AB12296583?page=1">https://results2021.ref.ac.uk/impact/96A05B73-2093-4289-88E5-62AB12296583?page=1</a>
<b>Vaccination to reduce the global burden of invasive pneumococcal disease (IPD) and pneumonia in communities</b>	<b>London School of Hygiene and Tropical Medicine</b>	<a href="https://results2021.ref.ac.uk/impact/957A1E62-2972-45C5-B6C6-B84BF7361627?page=1">https://results2021.ref.ac.uk/impact/957A1E62-2972-45C5-B6C6-B84BF7361627?page=1</a>
VariantValidator: a novel, open-access and user-friendly software to improve genetic diagnosis	The University of Leicester	<a href="https://results2021.ref.ac.uk/impact/468B016B-F2A7-4C7C-AA80-C2E30600A39B?page=1">https://results2021.ref.ac.uk/impact/468B016B-F2A7-4C7C-AA80-C2E30600A39B?page=1</a>
What keeps us sharp? Increasing public awareness of the lifestyle factors promoting brain health	Heriot-Watt University	<a href="https://results2021.ref.ac.uk/impact/D987737A-EA54-46C3-A759-1B008B86F014?page=1">https://results2021.ref.ac.uk/impact/D987737A-EA54-46C3-A759-1B008B86F014?page=1</a>
Working towards the elimination of sleeping sickness through vector control	Liverpool School of Tropical Medicine	<a href="https://results2021.ref.ac.uk/impact/06B37958-6B20-">https://results2021.ref.ac.uk/impact/06B37958-6B20-</a>

		<a href="https://results2021.ref.ac.uk/impact/4A5B-9F9C-E0B0CFFF1D3D?page=1">4A5B-9F9C-E0B0CFFF1D3D?page=1</a>
World's first effective treatment to prevent psychosis has been implemented as standard treatment in NHS mental health services across England	The University of Manchester	<a href="https://results2021.ref.ac.uk/impact/8DABBD21-1979-4D8E-ADF6-C85031BEF1AE?page=1">https://results2021.ref.ac.uk/impact/8DABBD21-1979-4D8E-ADF6-C85031BEF1AE?page=1</a>
Youth Mental Health Policy and Service Reform: Regional, National and International Impact	The University of Warwick	<a href="https://results2021.ref.ac.uk/impact/5198D88D-AE2E-4EEF-BB98-7B4C77576C13?page=1">https://results2021.ref.ac.uk/impact/5198D88D-AE2E-4EEF-BB98-7B4C77576C13?page=1</a>

## Annex 2: Image References

1. **Cycling Policy:** Yukiko Matsuoka (June 2012) *Cycling in London* [Photograph] Flickr <https://www.flickr.com/photos/yukikomatsuoka/11664926105>
2. **Covid-19 vaccine:** VCU Capital News Service, *Covid-19 vaccine* – [Photograph] Art Writ <https://www.flickr.com/photos/vcucns/6792819478/>
3. **Covid-19 policy:** Pippa Fowles / No 10 Downing Street. (Jan 2021), *Covid-19 Press Conference with CSA, Sir Patrick Vallance* [Photograph]. No10 Flickr <https://www.flickr.com/photos/number10gov/50881220738>
4. **Prostate cancer:** Tara Winstead, (April 2021), *Blue Ribbon Symbol for Prostate Cancer Beside a Syringe on White Surface* [Photograph]. Pexels. <https://www.pexels.com/photo/a-blue-ribbon-symbol-for-prostate-cancer-beside-a-syringe-on-white-surface-7723609/>
5. **Friendship bench project:** Costa Juta, (Oct 2022), *Friendship Bench Grandmother and client having a problem-solving therapy session on the Friendship Bench in Harare*, [Photograph], Authors permission, <https://commons.wikimedia.org/wiki/File:Friendship-Bench-Zimbabwe.jpg>
6. **Neurodegenerative diseases:** Andrew Janson, Butson Lab, University of Utah, (August 2018), *Artistic rendering of deep brain stimulation (DBS)* [Clinical brain scan rendered using Blender software] <https://directorsblog.nih.gov/2019/08/01/the-amazing-brain-deep-brain-stimulation/>
7. **Heart Disease:** Mart Production, (Mar 2021), *Medical Practitioner Looking Through Patient's Records* [Photograph], Pexels, <https://www.pexels.com/photo/photo-of-medical-practitioner-looking-through-patient-s-records-7089619/>
8. **Air pollution:** Pixabay, (May 2017), *London Electric Towers during Golden Hour* [Stock Image] Pexel, <https://www.pexels.com/photo/air-air-pollution-climate-change-dawn-221012/>
9. **Glaucoma:** International Centre for Eye Health,(n.d.), *Epiretinal Membrane, Community eye health* [Stock Image] Flickr, <https://www.flickr.com/photos/communityeyehealth/7603595472/>
10. **Freeline therapeutics team:** Royal Free Hospital NHS Trust, (July 2022), *Professor Pratima Chowdary with the haemophilia team* [Photograph], <https://www.royalfree.nhs.uk/news-media/news/new-gene-therapy-could-reduce-bleeding-risk-for-haemophilia-patients/>