| esearch | arch Project |            |            |   |                      |            |             |                                      |                         |            |   |  |
|---------|--------------|------------|------------|---|----------------------|------------|-------------|--------------------------------------|-------------------------|------------|---|--|
|         |              |            |            |   | UK Based Researchers |            |             |                                      | Japan Based Researchers |            |   |  |
|         | FY           | Start      | Finish     | Project Title   | Family Name          | First Name | Middle Name | Institute                            | Family Name             | First Name | Institute   |  |
| 1       | 2005         | 01/10/2005 | 30/09/2007 | Brane-world Gravity and Cosmology   | WANDS                | David      |             | University of Portsmouth             | MAEDA                   | Kei-Ichi   | Waseda University                                 |  |
| 2       | 2006         | 01/04/2006 | 31/03/2008 | Membrane traffic of glutamate receptors   | ROBERTS              | Peter      | J.          | University of Bristol                | YONEDA                  | Yukio      | Kanazawa University                               |  |
| 3       | 2006         | 01/04/2006 | 31/03/2008 | Overtopping Jet Imapact Hazards   | INGRAM               | David      | Mark        | Manchester Metropolitan University   | WATANABE                | Yasunori   | Hokkaido University                               |  |
| 4       | 2006         | 01/04/2006 | 31/03/2008 | Cardiovascular and body fluid regulation in fishes and marine mammals   | HAZON                | Neil       |             | University of St Andrews             | TAKEI                   | Yoshio     | The University of Tokyo                           |  |
| 5       | 2006         | 01/04/2006 | 31/03/2008 | Development and validation of statistical analysis in magnetoencephalography  | BARNES               | Gareth     |             | Aston University                     | HIRATA                  | Masayuki   | Osaka University                                  |  |
| 6       | 2006         | 01/04/2006 | 31/03/2008 | Structure and crystallization process of bioactive glasses  | STAMBOULIS           | Artemis    |             | The University of Birmingham         | MATSUYA                 | Shigeki    | Fukuoka Dental College                            |  |
| 7       | 2006         | 01/04/2006 | 31/03/2008 | Study on universality of turbulence by ultra direct numerical simulation and large-scale laboratory experiment  | DAVIDSON             | Peter      | Alan        | University of Cambridge              | KANEDA                  | Yukio      | Nagoya University                                 |  |
| 8       | 2006         | 01/04/2006 | 31/03/2008 | Cyclic nucleotide signalling in immunity  | DAVIES               | Shireen    | Anne        | University of Glasgow                | KURATA                  | Shoichiro  | Tohoku University                                 |  |
| 9       | 2006         | 01/04/2006 | 31/03/2008 | High power ultrafast holographic lasers   | DAMZEN               | Michael    | J           | Imperial College London              | OMATSU                  | Takashige  | Chiba University                                  |  |
| 10      | 2006         | 01/06/2006 | 30/10/2007 | The Painleve Equations and Monodromy Problems   | MASON                | Lionel     |             | University of Oxford                 | OHYAMA                  | Yousuke    | Osaka University                                  |  |
| 11      | 2007         | 01/04/2007 | 31/03/2009 | Development on electron beam size monitor using laser wire  | BLAIR                | Grahame    | Α.          | Royal Holloway, University of London | URAKAWA                 | Junji      | High Energy Accelerator Research<br>Organization  |  |
| 12      | 2007         | 01/04/2007 | 31/03/2009 | Analysis of positive column expansion during pulse mode operation of rare gas discharge plasmas which have potential as energy<br>efficient, mercury-free light sources | DEVONSHIRE           | Robin      |             | University of Sheffield              | JINNO                   | Masafumi   | Ehime University                                  |  |
| 13      | 2007         | 01/04/2007 | 31/03/2009 | Development of biomonitoring system for endocrine disruptors using gene expression analysis related to estrogen signaling pathway in<br>sedentary bivalve mollusks      | ROTCHELL             | Jeanette   | М           | University of Sussex                 | OSADA                   | Makoto     | Tohoku University                                 |  |
| 14      | 2007         | 01/04/2007 | 31/03/2009 | Developmen of multivariate empirical mode decomposition and its application in the modality analysis of EEG signals   | MANDIC               | Danilo     | P.          | Imperial College                     | TANAKA                  | Toshihisa  | Tokyo University of Agriculture and<br>Technology |  |
| 15      | 2007         | 01/04/2007 | 31/03/2009 | Development of advanced image registration for next-generation image guided surgery, therapy, and examination systems   | HAWKES               | David      | John        | University College of London         | MORI                    | Kensaku    | Nagoya University                                 |  |
| 16      | 2007         | 01/04/2007 | 31/03/2009 | Photo-induced dynamics on non-rigid molecular system  | MULLER- DETHLEFS     | Klaus      |             | The University of Manchester         | FUJII                   | Masaaki    | Tokyo Institute of Technology                     |  |
| 17      | 2007         | 16/04/2007 | 31/03/2009 | Molecular mechanism of endocytic recycling pathway of plant viral movement proteins   | OPARKA               | Karl       | John        | University of Edinburgh              | NISHIMURA               | Kohji      | Shimane University                                |  |
| 18      | 2007         | 01/04/2007 | 31/03/2009 | Development of nanoparticle probes for the analysis of functions and structure of sulfated polysaccharides  | FERNIG               | David      | Garth       | University of Liverpool              | SUGAHARA                | Kazuyuki   | Hokkaido University                               |  |
| 19      | 2007         | 01/04/2007 | 31/03/2009 | A study of working memory model for random generation and its brain basis   | TURK                 | Dave       | John        | University of Aberdeen               | ITAGAKI                 | Fumihiko   | Asia University                                   |  |

|    |      |            |            |  |             | UK         | Based Researche | rs   | Japan Based Researchers |            |   |
|----|------|------------|------------|--|-------------|------------|-----------------|--|-------------------------|------------|---|
|    | FY   | Start      | Finish     | Project Title  | Family Name | First Name | Middle Name     | Institute  | Family Name             | First Name | Institute   |
| 20 | 2007 | 01/08/2007 |            | Human and their activity recognition with 3D image for nurse training  | REMAGNINO   | Paolo      |                 | Kingston University                                | YODA                    | Ikushi     | National Institute of Advanced Industrial<br>Science and Technology |
| 21 | 2007 | 01/04/2007 | 31/03/2009 | The management and maintenance of public space in Britain and Japan  | IMRIE       | Rob        | Francis         | King's College London                              | TAKAMIZAWA              | Minoru     | Yokohama National University  |
| 22 | 2007 | 01/04/2007 | 31/03/2009 | Interactional studies on assessments in museum and auction   | HEATH       | Christian  |                 | King's College London                              | YAMAZAKI                | Keiichi    | Saitama University  |
| 23 | 2008 | 01/04/2008 | 31/03/2010 | Crystal and Magnetic Structures of the Ni-Mn based Metamagnetic Shape Memory Alloys  | ZIEBECK     | Kurt       | R. A.           | Loughborough University                            | KAINUMA                 | Ryosuke    | Tohoku University   |
| 24 | 2008 | 01/04/2008 | 31/03/2010 | Precise Synthetic and Mechanistic Structural Chemistry of Aromatic Coumpounds  | WHEATLEY    | Andrew     | Edward Henry    | University of Cambridge                            | KONDO                   | Yoshinori  | Tohoku University   |
| 25 | 2008 | 01/04/2008 | 31/03/2010 | Visualization and Control of Quantized Vortices in the Crossing-Lattices State of Anisotropic Superconductors                      | BENDING     | Simon      | John            | University of Bath                                 | TAMEGAI                 | Tsuyoshi   | The University of Tokyo   |
| 26 | 2008 | 01/04/2008 | 31/03/2010 | Analysis of ascorbate-pool size regulation mechanism in plants   | SMIRNOFF    | Nicholas   |                 | University of Exeter                               | ISHIKAWA                | Takahiro   | Shimane University  |
| 27 | 2008 | 01/04/2008 | 31/03/2010 | Fabrication of tissue engineering scaffolds based on bony physiological activity of silicate ions                                  | GIBSON      | lain       | R               | University of Aberdeen                             | TSURU                   | Kanji      | Kyushu University   |
| 28 | 2008 | 01/04/2008 | 31/03/2010 | Over 100W sub-pico-second output from a phase conjugate vanadate laser   | DAMZEN      | Michael    | J               | Imperial College                                   | OMATSU                  | Takashige  | Chiba University  |
| 29 | 2008 | 01/04/2008 | 31/03/2010 | Application of Respiratory Biomechanics to Computational Madicine  | DOORLY      | Denis      | J.              | Imperial College of Science, Technology & Medicine | TANAKA                  | Gaku       | Chiba University  |
| 30 | 2008 | 01/04/2008 | 31/03/2010 | Stimulus-responsive molecular capsules via boronate esterification   | JAMES       | Tony       | David           | University of Bath                                 | KUBO                    | Yuji       | Tokyo Metropolitan University                                       |
| 31 | 2008 | 01/04/2008 | 31/03/2010 | Gravity and Cosmology in Higher Dimensions   | GIBBONS     | Gary       | W.              | Cambridge University                               | MAEDA                   | Keiichi    | Waseda University   |
| 32 | 2008 | 01/04/2008 | 31/03/2010 | Single Molecucle Biochemistry: Protein-Membrane Interaction Studied by Force Measurement and Fast-scanning Atomic force microscopy | HENDERSON   | Robert     | Michael         | University of Cambridge                            | TAKEYASU                | Kunio      | Kyoto University  |
| 33 | 2008 | 01/04/2008 | 31/03/2010 | The Studies of Strategies of Social Change using the Method of Qualitative Comparative Analysis (QCA)                              | OLSEN       | Wendy      | Kay             | University of Manchester                           | NOMIYA                  | Daishiro   | Sophia University   |
| 34 | 2009 | 01/04/2009 | 31/03/2011 | Functional and epigenetical regulation of TRPV channels by aptamer molecules   | BEECH       | David      | J               | University of Leeds                                | Katsuhiko               | MURAKI     | AICHI GAKUIN UNIVERSITY   |
| 35 | 2009 | 01/04/2009 | 31/03/2011 | Evaluation of a novel human transmission-blocking vaccine using rodent parasites bearing Plasmodium vivax Pvs25 protein            | SINDEN      | Robert     | E               | Imperial College                                   | Shigeto                 | YOSHIDA    | Jichi Medical University  |
| 36 | 2009 | 01/04/2009 | 31/03/2011 | Development of Functional Organic Thin-Films for Solar Power Generation and Storage  | STEINKE     | Joachim    | Hans Georg      | Imperial College London                            | Takashi                 | SAGAWA     | Kyoto University  |
| 37 | 2009 | 01/04/2009 | 31/03/2011 | Black holes and other probes of accelerating phases in the Universe  | CARR        | Bernard    | John            | Queen Mary, University of London                   | Jun'Ichi                | YOKOYAMA   | The University of Tokyo   |
| 38 | 2009 | 01/04/2009 | 31/03/2011 | A role for hepatoblasts for hematopoietic stem cell expansion in human   | JONES       | Rhodri     |                 | Nottingham University Hospitals NHS Trust          | Daisuke                 | SUGIYAMA   | Kyushu University   |
| 39 | 2009 | 01/04/2009 | 31/03/2011 | Behavloural physiology of aquatic vertebrates  | MILLER      | Patrick    | J. O.           | University of St. Andrews                          | Katsufumi               | SATO       | The University of Tokyo   |

|    |      |            |            | Project Title   |             | UK         | Based Researche | rs   | Japan Based Researchers |            |   |
|----|------|------------|------------|---|-------------|------------|-----------------|--|-------------------------|------------|---|
|    | FY   | Start      | Finish     |   | Family Name | First Name | Middle Name     | Institute                                      | Family Name             | First Name | Institute   |
| 40 | 2009 | 01/04/2009 | 31/03/2011 | Synthesis and Characterization of Ferromagnetic FeCo Nanowire Encapsulated Inside Carbon Nanotubes Towards Spin Electronic Applications   | AMARATUNGA  | Gehan      | A. J.           | University of Cambridge                        | Yasuhiko                | HAYASHI    | Nagoya Institute of Technology                                      |
| 41 | 2009 | 01/04/2009 | 31/03/2011 | Collaborative analysis in exploring molecular mechanisms underlying neuronal regeneration   | HUNT        | Stephen    | Р               | University College of London (UCL)             | Hiroshi                 | KIYAMA     | Osaka City University   |
| 42 | 2009 | 01/04/2009 | 31/03/2011 | Development of Global Marine Ecosystem Observation System using Continuous Plankton Recorders   | BATTEN      | Sonia      |                 | Sir Alister Hardy Foundation for Ocean Science | Sanae                   | CHIBA      | Japan Agency for Marine-Earth Science and<br>Technology             |
| 43 | 2009 | 01/04/2009 | 31/03/2011 | Study of atomic-resolution depth-sectioning by confocal scanning transmission electron microscopy   | KIRKLAND    | Angus      |                 | UNIVERSITY OF OXFORD                           | Masaki                  | TAKEGUCHI  | National Institute for Materials Science                            |
| 44 | 2009 | 01/04/2009 | 31/03/2011 | Multivariate stylometric analysis of 19th Century British Newspapers  | SHORT       | Harold     |                 | King's College London                          | Tomoji                  | TABATA     | Osaka University  |
| 45 | 2009 | 01/04/2009 | 31/03/2011 | History, Culture, Education and Regeneration in the Coalfields of South Wales and Japan   | WILLIAMS    | Chris      | Mark            | Swansea University                             | Naoko                   | SHIMAZAKI  | Waseda University   |
| 46 | 2010 | 01/04/2010 | 31/03/2012 | Developing a new method of sediment transport speed and erosion history in semi arid grassland  | PARSONS     | Anthony    | John            | University of Sheffield                        | ONDA                    | Yuichi     | University of Tsukuba   |
| 47 | 2010 | 01/04/2010 | 31/03/2012 | A New turbulence created by fractal forcing and its application to innovative industrial mixer  | VASSILICOS  | John       | Christos        | Imperial College London                        | SAKAI                   | Yasuhiko   | Nagoya University   |
| 48 | 2010 | 01/04/2010 | 31/03/2012 | Revealing the vicient epoch of the Universe with FMOS   | DALTON      | Gavin      | Bruce           | University of Oxford                           | OHTA                    | Kouji      | Kyoto University  |
| 49 | 2010 | 01/04/2010 | 31/03/2012 | Studies on mechanism of high biological production for sustainable use of fisheries resources in the Menai Strait, UK.  | SIMPSON     | John       | н               | Bangor University                              | KIMURA                  | Shingo     | The University of Tokyo   |
| 50 | 2010 | 01/04/2010 | 31/03/2012 | Biotribological reconstruction strategy for functionally deteriorated human joints based on integrated technologies for total joint replacement, artificial cartilage and regenerated cartilage | JIN         | Zhongmin   |                 | University of Leeds                            | MURAKAMI                | Teruo      | Kyushu University   |
| 51 | 2010 | 01/04/2010 | 31/03/2012 | Visualizing analysis of neuro-transmitter release mechanisms at neuro-muscular junctions  | CUNNANE     | Thomas     | С               | University of Oxford                           | TERAMOTO                | Noriyoshi  | Kyushu University   |
| 52 | 2010 | 01/04/2010 | 31/03/2012 | Development of Laser muSR Method and Investigation of Novel Excited Electronic State in Materials   | PRATT       | Francis    | Laurence        | Rutherford-Appleton Laboratory                 | WATANABE                | Isao       | RIKEN   |
| 53 | 2010 | 01/04/2010 | 31/03/2012 | Dynamics of adaptive genes in environmental cline - Nature of natural selection in wild Arabidopsis populations   | BURKE       | Terry      |                 | University of Sheffield                        | TANAKA                  | Kenta      | University of Tsukuba   |
| 54 | 2010 | 01/04/2010 | 31/03/2011 | Distributed Generation Capacity Choice under Competition, Uncertainty, and Operational Flexibility  | SIDDIQUI    | Afzal      | Saeed           | University College London                      | TAKASHIMA               | Ryuta      | Chiba Institute of Technology                                       |
| 55 | 2011 | 01/04/2011 | 31/03/2013 | Dynamics of Amino Acid Molecules on Solid Surfaces  | WEIGHTMAN   | Peter      |                 | University of Liverpool                        | TANAKA                  | Masatoshi  | Yokohama National University  |
| 56 | 2011 | 01/04/2011 | 31/03/2013 | High through-put function analysis of neural chemicals on cellular biosensing with data analysis through chemometrics   | BESSANT     | Conrad     |                 | Cranfield University                           | HARUYAMA                | Tetsuya    | Kyushu Institute of Technology                                      |
| 57 | 2011 | 01/04/2011 | 31/03/2012 | Simultaneous development of next-generation ultra- hiresolution global climate model and regional weather model   | NIKIFORAKIS | Nikolaos   |                 | University of Cambridge                        | SATOMURA                | Takehiko   | Kyoto University  |
|    | 2011 | 01/04/2011 | 31/03/2013 | Revealing processes controlling long-distance lateral magma transport within earth's crust by studying extensive dyke system  | TAYLOR      | Rex        |                 | National Oceanography Centre, Southampton      | ISHIZUKA                | Osamu      | National Institute of Advanced Industrial<br>Science and Technology |
| 59 | 2011 | 01/04/2011 | 31/03/2013 | Analyses of new viral antigen of human T cell leukemia virus type 1 and development of new vaccine  | BANGHAM     | Charles    |                 | Imperial College, London                       | MATSUOKA                | Masao      | Kyoto University  |

|    |      |            |            | Project Title   |             | UK         | Based Researcher | s   | Japan Based Researchers |            |   |
|----|------|------------|------------|---|-------------|------------|------------------|---|-------------------------|------------|---|
|    | FY   | Start      | Finish     |   | Family Name | First Name | Middle Name      | Institute   | Family Name             | First Name | Institute   |
| 60 | 2011 | 01/04/2011 | 31/03/2013 | Collagen-templated preparation of silica-titania nanotubes and their biomedical applications  | STAMBOULIS  | Artemis    |                  | University of Birmingham  | OSAKA                   | Akiyoshi   | Okayama University                                      |
| 61 | 2011 | 01/04/2011 | 31/03/2013 | Integrated multiscale simulation of pulmonary respiration from nasal cavity to alveoli.   | SCHROTER    | Robert     |                  | Imperial College London   | SERA                    | Toshihiro  | Osaka University  |
| 62 | 2011 | 01/04/2011 | 31/03/2013 | Development of novel image processing method based on large-scale medical image database  | RUECKERT    | Daniel     |                  | Imperial College London   | MORI                    | Kensaku    | Nagoya University                                       |
| 63 | 2011 | 01/04/2011 | 31/03/2013 | System biological analysis of biosynthesis and redox regulation of plant ascorbate  | SMIRNOFF    | Nicholas   |                  | University of Exeter  | ISHIKAWA                | Takahiro   | Shimane University                                      |
|    | 2011 | 01/04/2011 | 31/03/2013 | North Atlantic - North Pacific comparison of long-term ecosystem change based on the international initiative of marine ecosystem monitoring                                  | BATTEN      | Sonia      |                  | Sir Alister Hardy Foundation for Ocean Science  | CHIBA                   | Sanae      | Japan Agency for Marine-Earth Science and<br>Technology |
| 65 | 2011 | 01/04/2011 | 31/03/2013 | Development of Econometric Method for Macro-Panel Data  | HADRI       | Kaddour    | Kaddour          | Queen's University Belfast  | KUROZUMI                | Eiji       | Hitotsubashi University                                 |
| 66 | 2012 | 01/04/2012 | 31/03/2014 | Analysis of a new generation antiepileptic drug that interacts with synaptic vesicle 2A protein in presynaptic tarminal   | STEPHENS    | Gary       |                  | The University of Reading   | MOCHIDA                 | Sumiko     | Tokyo Medical University                                |
| 67 | 2012 | 01/04/2012 | 31/03/2014 | Development of Three-dimensional Human Placental Trophoblast Barriers and Their Application for Nanoparticle Toxicity Assay<br>System   | CASE        | Charles    |                  | University of Bristol   | AKASHI                  | Mitsuru    | Osaka University  |
| 68 | 2012 | 01/04/2012 | 31/03/2014 | Fabrication of Innovative Functional Materials of Organic-Inorganic Polyoxometalate Hybrids   | CRONIN      | Leroy      |                  | University of Glasgow   | AKUTAGAWA               | Tomoyuki   | Tohoku University                                       |
| 69 | 2012 | 01/04/2012 | 31/03/2014 | Research on pathophysiology and mechanisms to develop carbonyl stress-related psychiatric disorders   | THORNALLEY  | Paul       |                  | Clinical Sciences Research<br>Institute, Warwick Medical SchoolSchool, University of<br>Warwick | ARAI                    | Makoto     | Tokyo Metropolitan Institute of Medical<br>Science      |
| 70 | 2012 | 01/04/2012 | 31/03/2014 | Topological vorticity dynamics in the physical and biological sciences  | MOFFATT     | Henry      |                  | University of Cambridge   | FUKUMOTO                | Yasuhide   | Kyushu University                                       |
| 71 | 2012 | 01/04/2012 | 31/03/2014 | Magnetic activities of the Sun and the stars probed by the new-generation oscillation data  | KURTZ       | Donald     |                  | University of Central Lancashire  | SHIBAHASHI              | Hiromoto   | The University of Tokyo                                 |
| 72 | 2012 | 01/04/2012 | 31/03/2014 | Study on Wire Electrical Discharge Slicing of Single Crystals   | CLARE       | Adam       |                  | University of Nottingham  | KUNIEDA                 | Masanori   | The University of Tokyo                                 |
| 73 | 2012 | 01/04/2012 | 31/03/2014 | Positional cloning of a Striga resistant QTL in rice.   | SCHOLES     | Julie      |                  | University of Sheffield   | HORI                    | Kiyosumi   | National Institute of Agrobiological Sciences           |
| 74 | 2012 | 01/04/2012 | 31/03/2014 | Optical-field structure analysis and dynamics of nanophotonic materials   | PAPOFF      | Francesco  |                  | University of Strathclyde   | ОКАМОТО                 | Hiromi     | National Institutes of Natural Sciences                 |
| 75 | 2012 | 01/04/2012 | 31/03/2014 | Development of a novel malaria transmission blocking vaccine based on a non-infectious insect viral vector  | SINDEN      | Robert     |                  | Imperial College  | YOSHIDA                 | Shigeto    | Kanazawa University                                     |
| 76 | 2013 | 01/03/2014 | 29/02/2016 | Studies on molecular mechanisms of thermogenesis in plants.   | MOORE       | Anthony    | L.               | University of Sussex  | ІТО                     | Kikukatsu  | Iwate University  |
| 77 | 2013 | 01/11/2013 | 30/10/2015 | Turning medical image collection into anatomical knowledge wisdom based on image recognition and understanding and its application to computer-assisted diagnosis and surgery | RUECKERT    | Daniel     |                  | Imperial College London   | MORI                    | Kensaku    | Nagoya University                                       |
| 78 | 2014 | 01/07/2014 | 30/06/2016 | Development of malaria bivalent vaccine effective both for protection and transmission-blocking   | SINDEN      | Robert     | E                | Imperial College London   | YOSHIDA                 | Shigeto    | Kanazawa University                                     |
| 79 | 2014 | 01/09/2014 | 31/08/2016 | Behavloral endocrinology in sea mammals using blood- sampling data logger   | HALL        | Ailsa      | Jane             | Stottish Oceans Institute, University of St Andrews   | TAKEI                   | Yoshio     | The University of Tokyo                                 |

|    |      |            |            |   | UK Based Researchers |            |             |  |             | Japan Based Researchers |   |  |  |
|----|------|------------|------------|---|----------------------|------------|-------------|--|-------------|-------------------------|---|--|--|
|    | FY   | Start      | Finish     | Project Title   | Family Name          | First Name | Middle Name | Institute                                      | Family Name | First Name              | Institute   |  |  |
| 80 | 2014 | 01/11/2014 | 31/10/2016 | Evaluation of the process of rice domestication: plant molecular genetics meets archaeobotany   | FULLER               | Dorian     | Q           | University College London                      | ISHIKAWA    | Ryo                     | Kobe University                                   |  |  |
| 81 | 2014 | 01/07/2014 | 30/06/2016 | Assessment of surgical rhinoplastic intervention using computational thermo-fluid dynamics  | DOORLY               | Denis      | J.          | Imperial College London                        | TANAKA      | Gaku                    | Chiba University                                  |  |  |
| 82 | 2014 | 01/11/2014 | 31/03/2016 | Crosstalk between the regulation system for oxygen homeostasis and radioresistance in cancer cells  | MUSCHEL              | Ruth       | J           | University of Oxford                           | HARADA      | Hiroshi                 | Kyoto University                                  |  |  |
| 83 | 2014 | 01/07/2014 | 30/06/2016 | Water and Cities in Ancient Iraq through the Analysis of Clay Tablets   | ALTAWEEL             | Mark       |             | University College London                      | WATANABE    | Chikako                 | OSAKA GAKUIN UNIVERSITY                           |  |  |
| 84 | 2014 | 01/07/2014 | 30/06/2016 | Developments of superconducting bulks and magnetizing techniques for the application to superconducting motors  | CARDWELL             | David      | Anthony     | University of Cambridge                        | FUJISHIRO   | Hiroyuki                | Iwate University                                  |  |  |
| 85 | 2014 | 01/07/2014 |            | Direct Visualization of Nanoparticle-based Self-Organized Structure by Construction of 3D Electron-Density Map and Investigation of the Structure-induced Novel Functions               | UNGAR                | Goran      |             | The University of Sheffield                    | KANIE       | Kiyoshi                 | Tohoku University                                 |  |  |
| 86 | 2015 | 01/10/2015 |            | Study of wild behaviors of partially hyperbolic dynamics  | TURAEV               | Dmitry     |             | Imperial College London                        | ASAOKA      | Masayuki                | Kyoto University                                  |  |  |
| 87 | 2015 | 01/07/2015 | 30/06/2017 | Establishment of the sensitive detection system of MMP13/collagenase in the metastasis for terminal cancer diagnosis  | NAGASE<br>MURAYAMA   | Hideaki    |             | University of Oxford                           | INADA       | Masaki                  | Tokyo University of Agriculture and<br>Technology |  |  |
| 88 | 2015 | 01/07/2015 | 30/06/2017 | Interpersonal Regret and its Function: A UK-Japan comparison with psychophysiological/ neural measurement   | IMURATAMA            | Kou        |             | University of Reading                          | KOMITA      | Asuka                   | Hiroshima University                              |  |  |
| 89 | 2015 | 01/07/2015 | 31/03/2017 | Molecular pathogenesis of human armyloidosis revealed by the synergistic interaction of protein science and animal models   | BELLOTTI             | Vittorio   |             | University College London Division of Medicine | NAIKI       | Hironobu                | University of Fukui                               |  |  |
| 90 | 2015 | 01/07/2015 | 30/06/2017 | Integrative Structural Biology with hybrid approach   | WESTHEAD             | David      | К           | The University of Leeds                        | NAKAMURA    | Haruki                  | Osaka University                                  |  |  |
| 91 | 2015 | 01/07/2015 | 31/03/2017 | Development of Thermally-activated Delayed Fluorescence Molecules based on a Unprecedented Skeletal Rearrangement and Their<br>Application to OLED Materials                            | MONKMAN              | Andrew     |             | Durham University                              | MINAKATA    | Satoshi                 | Osaka University                                  |  |  |
| 92 | 2016 | 01/04/2016 |            | Quantum network technology with trapped on and photonic frequency conversion  | KELLER               | Matthias   |             | University of Sussex                           | IMOTO       | Nobuyuki                | Osaka University                                  |  |  |
| 93 | 2016 | 01/04/2016 | 31/03/2018 | Development of composite materials with new functions   | LEROY                | Cronin     |             | University of Glasgow                          | OSHIO       | Hiroki                  | University of Tsukuba                             |  |  |
| 94 | 2016 | 01/04/2016 | 31/03/2018 | Exploration of Topological Electronic Materials   | CHEN                 | Yulin      |             | Oxford University                              | SASAGAWA    | Takao                   | Tokyo Institute of Technology                     |  |  |
| 95 | 2016 | 01/04/2016 | 31/03/2018 | Oncological Diagnostic and Interventional Assistance System Based on Multi-modality Medical Image Processing  | SCHNABEL             | Julia      |             | King's College London                          | MORI        | Kensaku                 | Nagoya University                                 |  |  |
| 96 | 2016 | 01/04/2016 | 31/03/2018 | Development and function of thymic medullary epithelial cells   | ANDERSON             | Graham     |             | University of Birmingham                       | TAKAHAMA    | Yousuke                 | Tokushima University                              |  |  |
| 97 | 2016 | 01/04/2016 | 31/03/2018 | Integrated Electronic Systems Between Metal-oxide Nanoclusters & pi-molecules; Exploring Frontier of Molecular- based Electronic Materials  | CRONIN               | Leroy      |             | University of Glasgow                          | TSUNASHIMA  | Ryo                     | Yamaguchi University                              |  |  |
| 98 | 2016 | 01/04/2016 | 31/03/2018 | Improvements of room-temperature-magnetoresistance material by means of spin-orbit interaction  | BOOTHROYD            | Andrew     | Т           | University of Oxford                           | YAMAURA     | Kazunari                | National Institute for Materials Science          |  |  |
| 99 | 2017 | 01/04/2017 | 31/03/2019 | Molecular Mechanisms Underlying Malignant Progression and Radioresistance of Cancer Cells; An Interdisciplinary Research<br>Combining Radiation Tumor Biology and Mathematical Analysis | HAMMOND              | Ester      | М           | University of Oxford                           | HARADA      | Hiroshi                 | Kyoto University                                  |  |  |

|     |      |            |            |  |                       | Based Researcher    | s           | Japan Based Researchers                         |             |            |   |
|-----|------|------------|------------|--|-----------------------|---------------------|-------------|---|-------------|------------|---|
|     | FY   | Start      | Finish     | Project Title  | Family Name           | First Name          | Middle Name | Institute                                       | Family Name | First Name | Institute   |
| 100 | 2017 | 01/04/2017 | 31/03/2019 | Controlling collective motions in active matter  | TURNER                | Matthew             | Simon       | University of Warwick                           | YAMAMOTO    | Ryoichi    | Kyoto University                                  |
| 101 | 2017 | 01/04/2017 | 31/03/2019 | Novel multifunctional hydroxide particles for correlative imaging in biomedical applications   | POOLOGASUNDAR AMPILLA | Gowsihan            |             | The University of Manchester                    | TOKUDOME    | Yasuaki    | Osaka Prefecture University                       |
| 102 | 2017 | 01/04/2017 | 31/03/2019 | Analysis of antigen-specific CD4T cell responses against foot- and-mouth disease virus using bovine MHC II tetramer                  | CHARLESTON            | Bryan               |             | Pirbright Institute                             | NORIMINE    | Junzo      | University of Miyazaki                            |
| 103 | 2017 | 01/04/2017 | 31/03/2019 | Foraging ecology and social interaction of marine top predators  | O'Malley MILLER       | Patrick             | James       | University of St Andrews                        | SATO        | Katsufumi  | The University of Tokyo                           |
| 104 | 2018 | 01/04/2018 | 31/03/2020 | Green syntheses of nanoparticles for optical biomedical applications   | CRITCHLEY             | Kevin               |             | University of Leeds                             | TANAKA      | Masayoshi  | Tokyo Institute of Technology                     |
| 105 | 2018 | 01/04/2018 | 31/03/2020 | Direction sensitive dark matter search with a gaseous tracking detector.   | SPOONER               | Neil John<br>Curwen |             | University of Sheffield                         | MIUCHI      | Kentaro    | University of Sheffield                           |
| 106 | 2018 | 01/04/2018 | 31/03/2020 | Fundamental Insights into Advanced Functional Carbon-based Materials as Fe-N-C Electrocatalysts for the Oxygen Reduction<br>Reaction | ISMAIL                | Mohammed            |             | Sheffield University                            | LYTH        | Stephen    | Kyushu University                                 |
| 107 | 2018 | 01/04/2018 | 31/03/2020 | Retooling rice immunity for resistance against rice blast disease  | KAMOUN                | Sophien             |             | The Sainsbury Laboratory • Sophien Kamoun Group | TERAUCHI    | Ryohei     | Kyoto University                                  |
| 108 | 2018 | 01/04/2018 | 31/03/2020 | A novel modelling technique to understand the impact of the Gulf Stream and Kuroshio on climate                                      | CZAJA                 | Amaud               |             | Imperial College, London                        | NONAKA      | Masami     | The Sainsbury Laboratory                          |
| 109 | 2018 | 01/11/2018 | 31/10/2020 |  | FULLER                | Dorian              | Q           | University College London                       | ISHIKAWA    | Ryo        | Kobe University                                   |
| 110 | 2018 | 01/04/2018 |            | Development of advanced endoscopic surgery assistance system based on anatomical servoing  | STOYANOV              | Danail              |             | University College London                       | MORI        | Kensaku    | Nagoya University                                 |
| 111 | 2018 | 01/04/2018 | 31/03/2020 | Crack Morphometrics  | GOEHRING              | Lucas               |             | Nottingham Trent University                     | NAKAHARA    | Akio       | NIHON UNIVERSITY                                  |
| 112 | 2019 | 01/04/2019 | 31/03/2021 | Transforming functional bacterial communities: how does horizontal genetic transfer impact the functional society of bacteria?       | WIPAT                 | Anil                |             | Newcastle University                            | YOSHIDA     | Ken-Ichi   | Kobe University                                   |
| 113 | 2019 | 01/04/2019 | 31/03/2021 | Model membrane platforms for light-harvesting  | ADAMS                 | Peter               |             | University of Leeds                             | MORIGAKI    | Kenichi    | Kobe University                                   |
| 114 | 2019 | 01/04/2019 | 31/03/2021 | Development of Imaging Probes for Genome Dynamics  | BULL                  | Steven              |             | University of Bath                              | KIKUCHI     | Kazuya     | Osaka University                                  |
| 115 | 2019 | 01/04/2019 | 31/03/2021 | The role of particle shape and surface friction on interlocking phenomenon for granular materials                                    | NADIMI                | Shahraki            | Sadegh      | University of Leeds                             | OTSUBO      | Masahide   | The University of Tokyo                           |
| 116 | 2019 | 01/04/2019 | 31/03/2021 | Nano-pixel image sensor based on plasmon-assisted phase transition   | FANG                  | Xu                  |             | SouthamptonUniversity                           | KUBO        | Wakana     | Tokyo University of Agriculture and<br>Technology |
| 117 | 2019 | 01/04/2019 | 31/03/2021 | UK-Japan tokamak plasma merging experiments for fusion application of high-power reconnection heating                                | GRYAZNEVICH           | Mikhail             |             | Tokamak Energy Ltd                              | ONO         | Yasushi    | The University of Tokyo                           |
| 118 | 2019 | 01/04/2019 | 31/03/2021 | Highly-Usable High-Level Bidirectional Programming Language  | WANG                  | Meng                |             | University of Bristol                           | MATSUDA     | Kazutaka   | Tohoku University                                 |
| 119 | 2020 | 01/04/2020 | 31/03/2022 | Development of ordered metal/carbon catalysts by cooperation of theoretical calculation and experiment                               | TOMMASO               | Devis               |             | Queen Mary University of London                 | NISHIHARA   | Hirotomo   | Tohoku University                                 |
| 120 | 2020 | 01/04/2020 | 31/03/2022 | Design CeO2 supported catalysts for selective NH3 oxidation towards fertilizer production  | WANG                  | Feng                |             | University College London (UCL)                 | TANAKA      | Tsunehiro  | Kyoto University                                  |
| 121 | 2020 | 01/04/2020 | 31/03/2022 | Radiation induced defects in space photovoltaic systems  | HIRST                 | Louise              |             | University of Cambridge                         | IMAIZUMI    | Mitsuru    | Japan Aerospace Exploration Agency                |
| 122 | 2020 | 01/04/2020 | 31/03/2022 | Understanding selective catalyst poisoning and deactivation with automated experiments and machine learning                          | CHERKASOV             | Nikolay             |             | University of Warwick                           | ASANO       | Shusaku    | Kyushu University                                 |
| 123 | 2020 | 01/04/2020 | 31/03/2022 | Generalized tau functions and cluster structures for birational difference equations   | HONE                  | Andrew              |             | University of Kent                              | WILLOX      | Ralph      | the University of Tokyo                           |
| 124 | 2020 | 01/04/2020 | 31/03/2022 | Design of Enantioselective Supramolecular Organo-sulfur Catalysts Based on Catenanes and Rotaxanes                                   | GOLDUP                | Steve               |             | University of Southampton                       | SHIRAKAWA   | Seiji      | Nagasaki University                               |
| 125 | 2020 | 01/04/2021 | 31/03/2023 | Development of next-generation malaria vaccine for infants   | BLAGBOROUGH           | Andrew              | M           | University of Cambridge                         | YOSHIDA     | Shigeto    | Kanazawa University                               |
| 126 | 2020 | 01/04/2021 | 31/03/2023 | Design CeO2 supported catalysts for selective NH3 oxidation towards fertilizer production  | WANG                  |                     | Ryan        | University College London                       | TANAKA      | Tsunehiro  | Kyoto University                                  |
|     |      |            |            | Design GeO2 supported Galaysis for selective NH3 oxidation towards refulizer production  | WAING                 | Feng                | Kydli       | University College London                       | TANAKA      | suneniro   | Nyoto oniversity                                  |

|     |      |            |            |   | UK Based Researchers |             |             |                         |             | Japan Based Researchers |   |  |
|-----|------|------------|------------|---|----------------------|-------------|-------------|-------------------------|-------------|-------------------------|---|--|
|     | FY   | Start      | Finish     | Project Title   | Family Name          | First Name  | Middle Name | Institute               | Family Name | First Name              | Institute   |  |
| 127 | 2020 | 01/04/2021 | 31/03/2023 | Mechanochromic rotaxane-crosslinked polymers for fundamental studies of elastomers that are both strong and tough                                 | BOULATOV             | Roman       |             | University of Liverpool | AOKI        | Daisuke                 | Tokyo Institute of Technology                       |  |
| 128 | 2020 | 01/04/2021 | 31/03/2023 | Automated analysis of gene network underpinning phenotypic plasticity of horned turban using<br>mathematical models                               | MOULTON              | Derek       |             | University of Oxford    | SATO        | Atsuko                  | Ochanomizu University                               |  |
| 129 | 2020 | 01/04/2021 | 31/03/2023 | In-Operando multi-mode X-ray imaging of batteries   | CONNOLLEY            | Thomas      |             | Diamond Light Source    | SUZUKI      | Kousuke                 | National University Corporation<br>Gunma University |  |
| 130 | 2020 | 01/04/2021 | 31/03/2023 | Acquisition and development of strategic skill knowledge for executive function in adults and children  | JARROLD              | Christopher |             | University of Bristol   | SAITO       | Satoru                  | Kyoto University                                    |  |
| 131 | 2020 | 01/04/2021 |            | Anatomical data amplification of large-scale medical image database and its application to medical diagnosis and therapeutic procedure assistance | GLOCKER              | Ben         |             | Imperial College London | MORI        | Kensaku                 | Nagoya University                                   |  |

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