JFY2016 Awardees
Up to Yen 5 million ($45,000)/year for up to 3 years

Project	PI	Synopsis	Collaborators
Research on the description and interpretation of evidence in the policy making process	Yuya KAJIKAWA Associate Prof. School of Environment and Society, Tokyo Institute of Technology	In order to efficiently and effectively promote R&D that brings innovations in technology, policy making based on objective evidence is indispensable. Compared with technology such as data analysis or computer simulations that "create" evidence, technology and systems that "utilize" evidence are insufficient. As a result, evidence is not adequately reflected in policy making and assessment. This project features policies on technological innovation especially energy technology and analyzes kinds of evidence and the processes by which such evidence is collected, made, utilized and passed on. In addition, by systematically studying research on the theory of decision-making and its evidence in an organization, we aim to build a framework for enhancing the effects of policy through the use of evidence.	School of Environment and Society, Tokyo Institute of Technology Policy Alternative Research Institute, the University of Tokyo
A Pioneering ELSI approach that promotes advanced biosciences	Jusaku MINARI Assistant Prof. Graduate School of Medicine, Osaka University	While expectations for technological innovation and its practical applications in the field of advanced biosciences have grown, issues concerning its dual-use and ethical, legal, and social implications (ELSI) have been raised. Viewing the advanced biosciences in terms of a simple good versus evil dichotomy, disorganized regulatory control over systems and excessive precautions brought on by guidelines of widely varying interpretation hamper R&D's progress towards innovation. Building on the "proactionary" principle (which values freedom of innovation) while heeding social considerations, objectivity and transparency; this project broaches personal genome research, genome-editing technologies and synthetic biology in search of a bioethical framework that reflects the values of Japanese society and proposes a combined model of ethics for open innovation and policy formation.	Osaka University Kyoto University Tohoku University Hospital Kyoto University of Art & Design Hokkaido University Hirosaki University Hitotsubashi University National Defense Medical College
Academic research on the expanded use of regenerative medicine from	Yoshimi YASHIRO Program-specific Associate Prof. Uehiro Research Division for iPS	In Japan, in order to adjust to the aging society and reduce the medical care cost, promoting researches on regenerative medicine such as stem cells, iPS cells, and biomaterials is being stressed. However, it has been pointed out that the high expense of putting it into practice and making it widely available may be obstacles. To advance R&D on regenerative medicine efficiently and effectively so that the fruits of it can be shared	Center for iPS Cell Research and Application, Kyoko University Faculty of Medicine, Osaka University Faculty of Medicine, Faculty of Global Science Studies, Yamaguchi University

the cost perspective	Cell Ethics, Center for iPS Cell Research and Application, Kyoto University	with people, it is essential to accumulate and analyze the detailed data on its cost structure. By analyzing case studies of products and technologies of regenerative medicine that are becoming practically available and carrying out a survey of the stakeholders, this project collects data about putting regenerative medicine into practical use and information about its expenses, performs cost performance analyses on R&D and treatments. This project aims to advance sustainable R&D on the basis of the current financial situation of medical insurance, build an informational base for providing medical treatments and devise an evaluation model.	Faculty of Letters, Kyoto University Faculty of Arts and Literature, Seijo University Supported by: The Japanese Society for Regenerative Medicine, Japan Tissue Engineering Co., Ltd. and others