

## 9th (FY2018) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
ASHIDA Yuto	School of Science, The University of Tokyo	Criticality, Dynamics and Entanglement in Quantum Systems Coupled to Environment	<a href="https://researchmap.jp/yutoashida/?lang=english">https://researchmap.jp/yutoashida/?lang=english</a>
UEYOSHI Kodai	Graduate School of Information Science and Technology, Hokkaido University	Versatile Computer Architectures Accelerating Deep Learning Systems.	<a href="https://researchmap.jp/kod_u/?lang=english">https://researchmap.jp/kod_u/?lang=english</a>
OSAWA Yukiko	Graduate School of Science and Technology, Keio University	Integrated Design of Interface and Control Design for Realization of Remote Interactions	(Japanese Only) <a href="http://www.katsura.sd.keio.ac.jp/about_member.html">http://www.katsura.sd.keio.ac.jp/about_member.html</a>
KAWAMURA Yuta	Graduate School of Education, Kyoto University	The promotion and prevention factor of altruistic behavior: the effect of reputational concern	(Japanese Only) <a href="https://ytkm2.github.io/MyWebsite/index.html">https://ytkm2.github.io/MyWebsite/index.html</a>
KIMATA Yusuke	Graduate School of Science, Nagoya University	Analysis of the plant apical-basal axis formation by the asymmetric division of the zygote	(Japanese Only) <a href="http://www.katsura.sd.keio.ac.jp/about_member.html">http://www.katsura.sd.keio.ac.jp/about_member.html</a>
SHIRAKATA Hikari	Graduate School of Science, Hokkaido University	Theoretical studies about the co-evolution between galaxies and supermassive black holes	(Japanese Only) <a href="http://www.katsura.sd.keio.ac.jp/about_member.html">http://www.katsura.sd.keio.ac.jp/about_member.html</a>
TSUBOYAMA Kotaro	Graduate School of Frontier Sciences, The University of Tokyo	Single-molecule analysis of conformational changes in Argonaute	<a href="https://researchmap.jp/ktsuboyama/?lang=english">https://researchmap.jp/ktsuboyama/?lang=english</a>
TOBITA Takashige	Graduate School of Medicine, Tokyo Women's Medical University	Genetic analysis and development of novel therapeutic methods for dilated cardiomyopathy	(Japanese Only) <a href="https://researcher.jp/researchers/view/792359">https://researcher.jp/researchers/view/792359</a>
NAKAGAWA Tomomi	Graduate School of Humanities and Social Sciences, Okayama University	The cultural background of violence from the prehistory to the state formation period in Japan	(Japanese Only) <a href="https://researcher.jp/researchers/view/829524">https://researcher.jp/researchers/view/829524</a>
NAKAJIMA Yukari	Graduate School of Medical Sciences, Kanazawa University	The basic research in order to observe lymphatic vessels and elucidate the process of inflammation and fibrosis in the chronic Lymphedema.	<a href="https://researchmap.jp/yu_naka/?lang=english">https://researchmap.jp/yu_naka/?lang=english</a>
HAGIO Hanako	Graduate School of Bioagricultural Sciences, Nagoya University	Studies on the central visual system of fish - How do fish look at the world? -	<a href="https://researchmap.jp/hana-brain/?lang=english">https://researchmap.jp/hana-brain/?lang=english</a>
MATSUI Hiroshi	Graduate School of Human Relations, Keio University	Comparative analysis on sensory-motor and morphological basis of tool-use in crows.	<a href="https://researchmap.jp/heathrossie/?lang=english">https://researchmap.jp/heathrossie/?lang=english</a>
MURAOKA Koki	School of Engineering, The University of Tokyo	Computer-aided synthesis of zeolites	(Japanese Only) <a href="https://researcher.jp/researchers/view/742139">https://researcher.jp/researchers/view/742139</a>
MURAKAMI Tatsuya	Graduate School of Medicine, The University of Tokyo	Single-cell-resolution brain atlas for whole-brain analysis of cells	(Japanese Only) <a href="http://sys-pharm.m.u-tokyo.ac.jp/member.html">http://sys-pharm.m.u-tokyo.ac.jp/member.html</a>
MURATA Kayo	Graduate School of Music, Tokyo University of the Arts	The Development of Johann Sebastian Bach's Contrapuntal Technique up to the Cöthen Period	(Japanese Only) <a href="https://researcher.jp/researchers/view/732039">https://researcher.jp/researchers/view/732039</a>
MURATA Yuki	Graduate School of Humanities and Sociology, The University of Tokyo	The Emergence of the "One-nation-one-state" System in East-Central Europe, 1917-1922	<a href="https://researchmap.jp/yuki_murata/?lang=english">https://researchmap.jp/yuki_murata/?lang=english</a>
YASUDA Kenji	School of Engineering, The University of Tokyo	Development of Spin Physics in Magnetic Topological Insulators	(Japanese Only) <a href="https://sites.google.com/view/kenji-yasuda-jp/">https://sites.google.com/view/kenji-yasuda-jp/</a>
WATANABE Kanako	Graduate School of Engineering, Tohoku University	Control over the spatial distribution of particles via applying external stimuli	<a href="https://researchmap.jp/kanako_watanabe/?lang=english">https://researchmap.jp/kanako_watanabe/?lang=english</a>

## 8th (FY2017) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
OKAZAKI Yusuke	Graduate School of Science, Kyoto University	Diversity and Ecology of bacterioplankton inhabiting deep freshwater lakes	<a href="https://researchmap.jp/yokazaki/?lang=english">https://researchmap.jp/yokazaki/?lang=english</a>
ONODA Atsuto	Graduate School of Pharmaceutical Sciences, Tokyo University of Science	Mechanisms and effects of maternal exposure to ultrafine particle on the central nervous system of offspring	<a href="https://researchmap.jp/_atsuto-onoda/?lang=english">https://researchmap.jp/_atsuto-onoda/?lang=english</a>
KARIYAZONO Shiho	School of Advanced Sciences, The Graduate University for Advanced Studies	The genetic basis and the biological role of fluorescent proteins in <i>Acropora</i> species	(Japanese Only) <a href="https://www.soken.ac.jp/pr/award_achievement/people/">https://www.soken.ac.jp/pr/award_achievement/people/</a>
KUMAGAI Kota	Graduate School of Engineering, Utsunomiya University	Volumetric display with holographic laser drawing	(Japanese Only) <a href="https://8card.net/p/39639284471">https://8card.net/p/39639284471</a>
KUROKI Nahoko	Graduate School of Humanities and Sciences, Ochanomizu University	Theoretical design of functional liquid mixtures by means of physicochemical simulations and machine learning	<a href="https://researchmap.jp/7000021808/?lang=english">https://researchmap.jp/7000021808/?lang=english</a>
SAITO Yu	Graduate School of Engineering, The University of Tokyo	Quantum Transport in Highly Crystalline Two-dimensional Superconductors	<a href="https://researchmap.jp/you_saito_1110/?lang=english">https://researchmap.jp/you_saito_1110/?lang=english</a>
NAKAMURO Takayuki	Graduate School of Engineering, Kyoto University	Development of Novel Synthetic Transformation Reactions with N <sub>2</sub> Extrusion	<a href="https://researchmap.jp/nakamuro/?lang=english">https://researchmap.jp/nakamuro/?lang=english</a>
NAMBA Miki	Graduate School of Social Sciences, Hitotsubashi University	Anthropological Study on Urbanization and Infrastructural Development in Vientiane Capital, Lao P.D.R.	(Japanese Only) <a href="https://8card.net/p/39639284471">https://8card.net/p/39639284471</a>
HASHIMOTO Kazuma	School of Engineering, The University of Tokyo	Obtaining Mathematical Representations for Natural Language Semantics Using Deep Learning	(Japanese Only) <a href="https://researcher.jp/researchers/view/790596">https://researcher.jp/researchers/view/790596</a>
HATAZAWA Yukino	Graduate School of Life and Environmental Sciences, Kyoto University	Elucidation of molecular mechanism of skeletal muscle metabolism, focusing on exercise and atrophy	(Japanese Only) <a href="https://researcher.jp/researchers/view/733491">https://researcher.jp/researchers/view/733491</a>
MAEDA Shunta	Graduate School of Human Sciences, Waseda University	Influence of cognitive information processing on cortisol recovery in social anxiety	<a href="https://researchmap.jp/maeda_s/?lang=english">https://researchmap.jp/maeda_s/?lang=english</a>
MATSUDA Ayaka	Graduate School of Fisheries Sciences, Hokkaido University	Diet study about small toothed whales around Japan	<a href="https://researchmap.jp/kogia-b/?lang=english">https://researchmap.jp/kogia-b/?lang=english</a>
MIURA Tatsuya	Graduate School of Mathematical Sciences, The University of Tokyo	Analysis on effects of bending, adhesion and tension energy to shapes	<a href="https://researchmap.jp/tatsuyamiura/?lang=english">https://researchmap.jp/tatsuyamiura/?lang=english</a>
MIZUMOTO Nobuaki	Graduate School of Agriculture, Kyoto University	Studies on the pattern formation algorithm of searching and construction behaviors	<a href="https://researchmap.jp/nobuakimzmt/?lang=english">https://researchmap.jp/nobuakimzmt/?lang=english</a>
Michelle Sue Jann Lee	Graduate School of Frontier Biosciences, Osaka University	Malarial parasite products cause chronic inflammatory bone loss	<a href="http://www.dma.jim.osaka-u.ac.jp/view?l=en&amp;u=10008975&amp;a2=0000044&amp;o=affiliation&amp;sm=affiliation&amp;sl=en&amp;sp=1">http://www.dma.jim.osaka-u.ac.jp/view?l=en&amp;u=10008975&amp;a2=0000044&amp;o=affiliation&amp;sm=affiliation&amp;sl=en&amp;sp=1</a>
MURATE Kosuke	Graduate School of Engineering, Nagoya University	Development of injection-seeded Terahertz-wave Parametric Generator and Applications	<a href="https://researchmap.jp/murak/?lang=english">https://researchmap.jp/murak/?lang=english</a>
MENG Xianwei	Graduate School of Human-Environment Studies, Kyushu University	Early Development of Communication Based on the Understanding of the Environmental Information and the Epistemic States of Others: An Empirical Study on Human Infants	(Japanese Only) <a href="https://pikachu1211.wixsite.com/xianwei-meng">https://pikachu1211.wixsite.com/xianwei-meng</a>
WATANABE Saori	Graduate School of Sociology, Meiji Gakuin University	Historical Analysis of Rare Diseases Policy in Japan: Public expenditure medical care by diseases-category-based model	<a href="https://researchmap.jp/saori_wata/?lang=english">https://researchmap.jp/saori_wata/?lang=english</a>

## 7th (FY2016) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
ARAZOE Hiroki	Graduate School of Engineering, The University of Tokyo	Novel applications of highly oriented graphitic carbon nitride	(Japanese Only) <a href="http://www.chembio.t.u-tokyo.ac.jp/graduate/phd.html">http://www.chembio.t.u-tokyo.ac.jp/graduate/phd.html</a>
ITO Ami	Graduate School of Science, Nagoya University	Mechanism of mitotic spindle pole focusing	(Japanese Only) <a href="https://researcher.jp/researchers/view/734301">https://researcher.jp/researchers/view/734301</a>
OGAWA (MIT SUNOBU) Yukiko	Graduate School of Engineering, Tohoku University	Development of super-magnesium alloy through novel microstructure control	<a href="https://nrid.nii.ac.jp/en/nrid/1000070814268/">https://nrid.nii.ac.jp/en/nrid/1000070814268/</a>
KISHI Keiichi	Graduate School of Economics, Osaka University	Dynamic analysis of wage inequality and patent policy in R&D-based growth models	<a href="https://researchmap.jp/7000022568/?lang=english">https://researchmap.jp/7000022568/?lang=english</a>
KITAMURA Daichi	Graduate School of Economics, Osaka University	Multichannel blind music source separation based on nonnegative matrix factor source model	<a href="https://researchmap.jp/d-kitamura/?lang=english">https://researchmap.jp/d-kitamura/?lang=english</a>
KINOSHITA Yoshiaki	Graduate School of Science, Gakushuin University	Construction of bases for observing the swimming motility in archaea	<a href="https://researchmap.jp/Kinosita/?lang=english">https://researchmap.jp/Kinosita/?lang=english</a>
KUBOTA Shimpei	Graduate School of Medicines, The University of Tokyo	Whole-body/organ pathology of diseases caused by minority of cells with proliferative and stochastic processes	<a href="https://researchmap.jp/kubotashimpei/?lang=english">https://researchmap.jp/kubotashimpei/?lang=english</a>
GUNJI Megu	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Evolution of musculoskeletal structure of neck in artiodactyls associated with neck elongation and its genetic background	<a href="https://nrid.nii.ac.jp/en/nrid/1000070814268/">https://nrid.nii.ac.jp/en/nrid/1000070814268/</a>
KOYAMA Yuki	Graduate School of Information Science and Technology, The University of Tokyo	Development of Novel Frameworks for Computational Design Facilitation	<a href="https://koyama.xyz/index.html">https://koyama.xyz/index.html</a>
SAVAGE Patrick E.	Graduate School of Music, Tokyo University of the Arts	Measuring the cultural evolution of music : With case studies of British-American and Japanese folk, art, and popular music	<a href="https://researchmap.jp/7000024170/?lang=english">https://researchmap.jp/7000024170/?lang=english</a>
SHIHOYA Wataru	Graduate School of Pharmaceutical Sciences, Nagoya University	Crystal structures of the human endothelin type B receptor in complex with endogenous agonist endothelin-1 and clinical drugs	<a href="https://researchmap.jp/wtrshh9/?lang=english">https://researchmap.jp/wtrshh9/?lang=english</a>
FUKADA Fumi	Graduate School of Life and Environmental Science, Kyoto Prefectural University	Studies on the molecular mechanisms of cell cycle and plant infection in the plant pathogenic fungi	(Japanese Only) <a href="https://researcher.jp/researchers/view/715353">https://researcher.jp/researchers/view/715353</a>
HORI Satoshi	Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology	Materials developments of superionic conductors for next-generation energy-storage devices	(Japanese Only) <a href="https://researcher.jp/researchers/view/743653">https://researcher.jp/researchers/view/743653</a>
MASUDA Kento	Graduate School of Science, The University of Tokyo	Exploring the Architecture of Transiting Exoplanetary Systems with High-Precision Photometry	(Japanese Only) <a href="https://researcher.jp/researchers/view/714463">https://researcher.jp/researchers/view/714463</a>
MURAI Yuki	Graduate School of Arts and Sciences, The University of Tokyo	Neural mechanisms of perceptual stability in space and time	<a href="https://researchmap.jp/ymurai/?lang=english">https://researchmap.jp/ymurai/?lang=english</a>
MOCHIDA Keisuke	Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology	Molecular basis and physiological roles of autophagic degradation of the nucleus and the endoplasmic reticulum	<a href="https://nrid.nii.ac.jp/en/nrid/1000040837176/">https://nrid.nii.ac.jp/en/nrid/1000040837176/</a>
MORITA Madoka	Graduate School of Humanities and Sociology, The University of Tokyo	Between "Community Peace" and Public Order: Neighborhoods and Urban Administration in Istanbul (1730-54)	<a href="https://kaken.nii.ac.jp/en/grant/KA-KENHI-PROJECT-14J06584/">https://kaken.nii.ac.jp/en/grant/KA-KENHI-PROJECT-14J06584/</a>

## 6th (FY2015) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
ARAI Takayuki	Graduate School of Arts and Letters, Meiji University	Study of the Management and Operation in Chinese Imperial Kilns after the Song Dynasty	(Japanese Only) <a href="https://researcher.jp/researchers/view/732765">https://researcher.jp/researchers/view/732765</a>
ITO Minako	Graduate School of Medicine, Keio University	Identify the Regulator of Inflammasomes and Clarify Its Contribution to Post-ischemic Inflammation	<a href="https://researchmap.jp/ito-/?lang=english">https://researchmap.jp/ito-/?lang=english</a>
INOUE Takuya	Graduate School of Engineering, Kyoto University	High-efficient High-speed Thermal Emitters via Control of both Electronic and Photonic States	<a href="https://researchmap.jp/inoue928/?lang=english">https://researchmap.jp/inoue928/?lang=english</a>
UESAKI Maiko	Graduate School of Letters, Kyoto University	Neuronal Mechanisms Underlying Visually-Induced Sensation of Self-Motion-Investigation into Connectivity amongst Cortical Sensory Regions	(Japanese Only) <a href="https://researcher.jp/researchers/view/465319">https://researcher.jp/researchers/view/465319</a>
WU Yang	Graduate School of Humanities and Social Sciences, Okayama University	A Descriptive Study of the Verbs Expressing State, Existence, Property and Relation	(Japanese Only) <a href="https://researcher.jp/researchers/view/744073">https://researcher.jp/researchers/view/744073</a>
SATO Yasuhiro	Graduate School of Science, Kyoto University	Associational Anti-herbivore Defense in the Trichome Dimorphism of <i>Arabidopsis halleri</i> subsp. <i>gemmifera</i>	<a href="https://researchmap.jp/yassatojpn/?lang=english">https://researchmap.jp/yassatojpn/?lang=english</a>
SHOJIKI Kanako	Graduate School of Engineering, Tohoku University	Metalorganic Vapor Phase Epitaxial Growth of <i>c</i> -plane InGaN Alloys and its Optical Device Applications	<a href="https://researchmap.jp/7000017851/?lang=english">https://researchmap.jp/7000017851/?lang=english</a>
SUZUKI Junji	Graduate School of Medicine, The University of Tokyo	Imaging of Intraorganellar Ca <sup>2+</sup> at Subcellular Resolution Using CEPIA	(Japanese Only) <a href="https://researcher.jp/researchers/view/793175">https://researcher.jp/researchers/view/793175</a>
TAKEKAWA Norihiro	Graduate School of Science, Nagoya University	Studies on the Stator-rotor Interaction and the Rotational Energy Conversion of the Bacterial Flagellar Motor	<a href="https://researchmap.jp/takekawan/?lang=english">https://researchmap.jp/takekawan/?lang=english</a>
TANAKA Koji	School of Engineering, The University of Tokyo	Mechanism of Self-assembly of a Transmembrane Protein Triggered by Specific Membrane Composition and Dynamics	(Japanese Only) <a href="https://researcher.jp/researchers/view/714516">https://researcher.jp/researchers/view/714516</a>
NEGISHI Yota	Graduate School of Law, Waseda University	The Control of Conventionality of Domestic Law:Constitutionalization of International Adjudication and Internationalization of Constitutional Adjudication in Implementation of Regional Human Rights Treaty	(Japanese Only) <a href="https://nrid.nii.ac.jp/ja/nrid/1000050815983/">https://nrid.nii.ac.jp/ja/nrid/1000050815983/</a>
HIRAYAMA Ryuji	Graduate School of Engineering, Chiba University	Optically Controlled Volumetric Display Achieving Ultra-High-Definition	(Japanese Only) <a href="https://researcher.jp/researchers/view/732143">https://researcher.jp/researchers/view/732143</a>
FUJIWARA Kazumasa	Graduate School of Advanced Science and Engineering, Waseda University	Mathematical Foundations of Semirelativistic Nonlinear Fields	(Japanese Only) <a href="https://researcher.jp/researchers/view/714495">https://researcher.jp/researchers/view/714495</a>
MUTO Kei	Graduate School of Science, Nagoya University	Development of New Coupling Reactions by C-H, C-O, and C-C Bond Cleavage	<a href="https://researchmap.jp/7000017499/?lang=english">https://researchmap.jp/7000017499/?lang=english</a>
YAMAMOTO Eiji	Graduate School of Science and Technology, Keio University	Investigation of Anomalous Dynamics of Water Molecules on Cell Membranes by Using Molecular Dynamics Simulations	(Japanese Only) <a href="https://researcher.jp/researchers/view/825983">https://researcher.jp/researchers/view/825983</a>
YOKOSHI Moe	Graduate School of Medicine, Osaka University	Elucidation of the Physiological Role of Ataxin-2, a Neurodegeneration-associated Protein in RNA Metabolism	<a href="https://researchmap.jp/MOE-57/?lang=english">https://researchmap.jp/MOE-57/?lang=english</a>
RYAN Joseph	Graduate School of Letters, Osaka University	Archaeological Research on the Production and Distribution of Iron Weapons in the State Formation Process of Ancient Japan	(Japanese Only) <a href="https://okayama-u-jp.academia.edu/JosephRyan">https://okayama-u-jp.academia.edu/JosephRyan</a>
WATANABE Miho	Graduate School of Environmental Science, Hokkaido University	Phylogenetic and Functional Analysis of Novel Bacteria Isolated from Aquatic Environments	<a href="https://researchmap.jp/m_watanabe/?lang=english">https://researchmap.jp/m_watanabe/?lang=english</a>

## 5th (FY2014) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
AKIBA Takuya	Graduate School of Information Science and Technology, The University of Tokyo	Unified Algorithmic Approach for Real-world Large-scale Networks	<a href="https://researchmap.jp/takiba/?lang=english">https://researchmap.jp/takiba/?lang=english</a>
UEDA Yasushi	Graduate School of Music, Tokyo University of the Arts	The Piano Education at the Conservatoire National de Musique de Paris from 1850s to 80s: Processes and Factors of Canonization of Repertory	<a href="https://researchmap.jp/yasushi_ueda/?lang=english">https://researchmap.jp/yasushi_ueda/?lang=english</a>
UNO Shinnosuke	Graduate School of Medicine, The University of Tokyo	Development of Fluorescent Probes Based on Intramolecular Spirocyclization for Live-cell Super-resolution Imaging	(Japanese Only) <a href="https://researcher.jp/researchers/view/700327">https://researcher.jp/researchers/view/700327</a>
OBATA Yuuki	Graduate School of Medical and Pharmaceutical Sciences, Chiba University	The Regulatory Mechanism of Gut Immune Homeostasis	(Japanese Only) <a href="https://researcher.jp/researchers/view/732467">https://researcher.jp/researchers/view/732467</a>
KUBO Takahiro	Graduate School of Agriculture, Kyoto University	Social Scenario Analysis toward Coexistence between Human and Wildlife	<a href="https://researchmap.jp/tkubo/?lang=english">https://researchmap.jp/tkubo/?lang=english</a>
KUMAGAI Shogo	Graduate School of Environmental Studies, Tohoku University	Feedstock Recycling of Hard-to-Recycle Polymeric Materials	<a href="https://researchmap.jp/7000012617/?lang=english">https://researchmap.jp/7000012617/?lang=english</a>
KUMAZAKI Kaoru	Graduate School of Science, The University of Tokyo	Structural Basis for Sec-independent Membrane Protein Insertion by YidC	(Japanese Only) <a href="https://researcher.jp/researchers/view/664138">https://researcher.jp/researchers/view/664138</a>
SATO Honami	Graduate School of Sciences, Kyushu University	Large Impact Event and Its Environmental Effects in the Triassic	<a href="https://researchmap.jp/hsat/?lang=english">https://researchmap.jp/hsat/?lang=english</a>
SUGIURA Sho	Graduate School of Science, The University of Tokyo	New Formulation of Statistical Physics Based on Thermal Pure Quantum States	(Japanese Only) <a href="https://researcher.jp/researchers/view/700409">https://researcher.jp/researchers/view/700409</a>
SUZUKI Wakana	Graduate School of Human Sciences, Osaka University	Resistance and Accommodation: the Ethnography of Regenerative Medicine	<a href="https://researchmap.jp/swakana/?lang=english">https://researchmap.jp/swakana/?lang=english</a>
TATSUMI Masako	Graduate School of Humanities and Sciences, Ochanomizu University	Research on Inheritance and Shobunjo in Medieval Japan	(Japanese Only) <a href="https://researcher.jp/researchers/view/835928">https://researcher.jp/researchers/view/835928</a>
TANAKA Sota	Graduate School of Humanities and Sociology, The University of Tokyo	A Study on Hentai Kambun	<a href="https://researchmap.jp/soTANAKA/?lang=english">https://researchmap.jp/soTANAKA/?lang=english</a>
NAKAHATA Masaki	Graduate School of Science, Osaka University	Functional Supramolecular Materials Based on Stimuli-responsive Macroscopic Self-assembly	<a href="https://researchmap.jp/masakinakahata/?lang=english">https://researchmap.jp/masakinakahata/?lang=english</a>
NAKAMURA Kyohei	Graduate School of Medicine, Tohoku University	Natural Killer Cell Death Mediated by Intercellular Communication, Trogocytosis	<a href="https://www.curecancer.com.au/our-researchers/dr-kyohei-nakamura">https://www.curecancer.com.au/our-researchers/dr-kyohei-nakamura</a>
HAYAKAWA Takashi	Graduate School of Science, Kyoto University	Elucidation of Mechanism of Molecular Evolution and Ecological Adaptation of the Bitter Taste Receptor Gene Repertoire in Primates	<a href="https://researchmap.jp/7000011384/?lang=english">https://researchmap.jp/7000011384/?lang=english</a>
MAGATA Fumie	Graduate School of Animal Husbandry, Obihiro University of Agriculture and Veterinary Medicine	Mechanism of the Negative Impact of Endotoxin on Ovarian Functions Associated with Endometritis in Dairy Cows	<a href="https://nrid.nii.ac.jp/en/nrid/1000050635208/">https://nrid.nii.ac.jp/en/nrid/1000050635208/</a>
MASHIMA Izumi	Graduate School of Dentistry, Health Sciences University of Hokkaido	Development of Molecular Biological Control Method for Oral Biofilm at Early Stage	<a href="https://researchmap.jp/izumimashima/?lang=english">https://researchmap.jp/izumimashima/?lang=english</a>
LI Guangqin	Graduate School of Science, Kyoto University	Creation of Innovative Function by Hybrid of Metal Nanoparticles and Metal-organic Frameworks	<a href="http://ce.sysu.edu.cn/zh-hans/teacher/834">http://ce.sysu.edu.cn/zh-hans/teacher/834</a>

## 4th (FY2013) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
IIMA Mami	Graduate School of Medicine, Kyoto University	The Development of a New Non-invasive Diagnostic Tool for Investigating Breast Cancer Using Diffusion Weighted MRI	<a href="https://researchmap.jp/7000011350/?lang=english">https://researchmap.jp/7000011350/?lang=english</a>
OHUE Masahito	Graduate School of Information Science and Engineering, Tokyo Institute of Technology	A Protein-protein Interaction Network Prediction Method Based on Tertiary Structure Information	<a href="https://researchmap.jp/ohuem/?lang=english">https://researchmap.jp/ohuem/?lang=english</a>
KUMAZOE Motofumi	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University	Molecular Mechanisms of Epigallocatechin-gallate-induced Cancer-specific Cell Death	<a href="https://researchmap.jp/kmz/?lang=english">https://researchmap.jp/kmz/?lang=english</a>
KOHNO Nanase	Graduate School of Science, Hiroshima University	Unified Study of Kinetics and Dynamics on the Elementary Processes in Collisions of Vibrationally Excited Molecules	(Japanese Only) <a href="https://researcher.jp/researchers/view/705854">https://researcher.jp/researchers/view/705854</a>
KOBAYASHI Atsushi	Graduate School of ASian and AFrican Area Studies, Kyoto University	The Role of Intra-Southeast Asian Trade for the Development of Regional Economy in the 19th Century	<a href="https://researchmap.jp/7000023040/?lang=english">https://researchmap.jp/7000023040/?lang=english</a>
KOMURA Mizuki	Graduate School of Economics, Nagoya University	Public Policy Analysis of Family Bargaining	<a href="https://researchmap.jp/kmrmzk/?lang=english">https://researchmap.jp/kmrmzk/?lang=english</a>
NAKAHATA Yoshihisa	School of Life Science, The Graduate University for Advanced Studies	Activation-Dependent Spatial Dynamics of Postsynaptic Glycine Receptors	<a href="https://nrid.nii.ac.jp/en/nrid/1000050726536/">https://nrid.nii.ac.jp/en/nrid/1000050726536/</a>
HAMAMUKI Nao	Graduate School of Mathematical Sciences, The University of Tokyo	Crystal Growth Phenomena and Hamilton-Jacobi Equations	<a href="https://researchmap.jp/hnao/?lang=english">https://researchmap.jp/hnao/?lang=english</a>
FUKAYA Takashi	Graduate School of Frontier Sciences, The University of Tokyo	Analysis of MicroRNA-mediated Gene Silencing	<a href="https://researchmap.jp/ufukaya/?lang=english">https://researchmap.jp/ufukaya/?lang=english</a>
FURUICHI Noritoshi	Graduate School of Arts and Sciences, The University of Tokyo	Sociology of Young Entrepreneurs in Japan	(Japanese Only) <a href="https://www.furuichi-noritoshi.com/">https://www.furuichi-noritoshi.com/</a>
HEIANZA Yoriko	Graduate School of Comprehensive Human Science, University of Tsukuba	Development of Optimal Strategies for Predicting and Screening Risk of Type2 Diabetes in Japanese Individuals	(Japanese Only) <a href="https://researcher.jp/researchers/view/793193">https://researcher.jp/researchers/view/793193</a>
MATSUSHITA Takashi	Graduate School of Letters, Hokkaido University	Research of Contemporary Russian Literature after the Dissolution of USSR	(Japanese Only) <a href="https://researcher.jp/researchers/view/742665">https://researcher.jp/researchers/view/742665</a>
MIYAKE Fusa	Graduate School of Science, Nagoya University	Reconstruction of Cosmic-ray Intensity in the Past from Measurements of Radiocarbon in Tree Rings	<a href="https://researchmap.jp/7000016528/?lang=english">https://researchmap.jp/7000016528/?lang=english</a>
MUKAI Hiromi	The United Graduate School of Agricultural Sciences, Kagoshima University	Studies on Parent-Embryo Interaction and Its Communication Mechanism in Subsocial Stink Bugs	<a href="https://researchmap.jp/mukaihiromi/?lang=english">https://researchmap.jp/mukaihiromi/?lang=english</a>
MOCHIZUKI Kenji	School of Physical Sciences, The Graduate University for Advanced Studies	Theoretical Study on the Molecular Mechanism of Ice Melting and the Local Structure of Aqueous Solution	<a href="https://researchmap.jp/kenjimochizuki/?lang=english">https://researchmap.jp/kenjimochizuki/?lang=english</a>
MORIMOTO Yuya	Graduate School of Information Science and Technology, The University of Tokyo	Construction of Robotic Actuator by In Vitro Reconstruction of Tissue Structure	<a href="https://researchmap.jp/y-morimo/?lang=english">https://researchmap.jp/y-morimo/?lang=english</a>
YAMASAKI Seiji	Graduate School of Pharmaceutical Sciences, Osaka University	Drug Development Against Resistant Bacterial Infections Using the Structural-functional Information of Multidrug Efflux Pumps	<a href="https://researchmap.jp/yamasakis-eiji/?lang=english">https://researchmap.jp/yamasakis-eiji/?lang=english</a>
LIANG Yong	Graduate School of Engineering, Kyoto University	Beam-steering Photonic-crystal Lasers	(Japanese Only) <a href="https://researcher.jp/researchers/view/701294">https://researcher.jp/researchers/view/701294</a>

### 3rd (FY2012) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
Humanities and Social Sciences	HIOKI, Takayuki	Graduate School of Humanities and Sociology, The University of Tokyo	Study of kabuki in bakumatsu (late Edo period) and Meiji era	<a href="https://researchmap.jp/7000007305/?lang=english">https://researchmap.jp/7000007305/?lang=english</a>
	HISAYAMA, Yuho	Graduate School of Human and Environmental Studies, Kyoto University	History of the Concept of "Geist" in the German-speaking World from 1750 to 1850	<a href="https://researchmap.jp/7000012401/?lang=english">https://researchmap.jp/7000012401/?lang=english</a>
	FUKUDA, Maki	Graduate School of Law, Nagoya University	Legal History of Pardon in France	<a href="https://researchmap.jp/7000006315/?lang=english">https://researchmap.jp/7000006315/?lang=english</a>
	YAMAMOTO, Kentaro	Graduate School of Human-Environment Studies, Kyushu University	Elucidation of the mechanism of temporal processing in the brain based on hierarchical processing of motion information	<a href="https://researchmap.jp/7000015407/?lang=english">https://researchmap.jp/7000015407/?lang=english</a>
Science, Mathematics and Engineering	SAKAZAKI, Takatoshi	Graduate School of Environmental Science, Hokkaido University	Quest for the unified picture of diurnal variability in the troposphere and stratosphere	<a href="https://researchmap.jp/takatoshi_sakazaki/?lang=english">https://researchmap.jp/takatoshi_sakazaki/?lang=english</a>
	TAKAYAMA, Akari	Graduate School of Science, Tohoku University	Ultrahigh-resolution spin-resolved ARPES study of two-dimensional Rashba electron system	<a href="https://researchmap.jp/70722338/?lang=english">https://researchmap.jp/70722338/?lang=english</a>
	TAKIDA, Yuma	Graduate School of Engineering, Osaka City University	Development of Doubly-Resonant Terahertz-Wave Parametric Sources Using High -Efficiency Conversion Technique	(Japanese Only) <a href="https://researcher.jp/researchers/view/718101">https://researcher.jp/researchers/view/718101</a>
	TSUKIZAKI, Ryudo	School of Engineering, The University of Tokyo	Plasma Diagnostics inside the Microwave Discharge Ion Engine and The Enhancement of its Thrust Force	<a href="https://nrid.nii.ac.jp/en/nrid/1000070720697/">https://nrid.nii.ac.jp/en/nrid/1000070720697/</a>
	MIYAJIMA, Daigo	School of Engineering, The University of Tokyo	Development of Novel Soft Materials Based on Hydrogen Bondings	<a href="https://researchmap.jp/daigo miyajima/?lang=english">https://researchmap.jp/daigo miyajima/?lang=english</a>
Biological and Medical Sciences	OKUDA, Satoshiro	Graduate School of Science, Nagoya University	Study of the mechanism of pollen tube guidance by identification of attractant peptide LUREs and their receptors	(Japanese Only) <a href="https://researcher.jp/researchers/view/107092">https://researcher.jp/researchers/view/107092</a>
	KATAYAMA, Kota	Graduate School of Engineering, Nagoya Institute of Technology	FTIR Study of Primate Color Visual Pigments	<a href="https://researchmap.jp/7000024859/?lang=english">https://researchmap.jp/7000024859/?lang=english</a>
	KATO, Hideaki	School of Science, The University of Tokyo	X-ray crystallographic analysis of a light-gated cation channel, channelrhodopsin	<a href="https://researchmap.jp/hideakikato/?lang=english">https://researchmap.jp/hideakikato/?lang=english</a>
	KODA, Keiko	Interdisciplinary Graduate School of Science and Technology, Shinshu University	Ecological studies to conserve the endangered lycaenid butterflies living in Satoyama	<a href="https://researchmap.jp/Keiko-Koda/?lang=english">https://researchmap.jp/Keiko-Koda/?lang=english</a>
	SATO, Yuya	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Elucidation of the relation between oxygen, electron, and life, through the metabolism of an evolutionarily-ancient bacterium	<a href="https://researchmap.jp/yuyasato/?lang=english">https://researchmap.jp/yuyasato/?lang=english</a>
	TOHYAMA, Shugo	School of Medicine, Keio University	Distinct Metabolic Flow Enables Large-Scale Purification of Pluripotent Stem Cell-Derived Cardiomyocytes	<a href="https://researchmap.jp/stohyama/?lang=english">https://researchmap.jp/stohyama/?lang=english</a>
	TOMINAGA, Akiyoshi	The United Graduate School of Agricultural Sciences, Kagoshima University	Investigation of the molecular bases of advanced symbiotic nitrogen fixation activity in leguminous plants and rhizobium, and the application to crop	<a href="https://researchmap.jp/7000019799/?lang=english">https://researchmap.jp/7000019799/?lang=english</a>

## 2nd (FY2011) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
Humanities and Social Sciences	KANO, Fumihito	Graduate School of Science, Kyoto University	A Comparative Eye-Tracking Study in Four Genera of Hominid: Face and Scene Scanning	<a href="https://researchmap.jp/7000009617/?lang=english">https://researchmap.jp/7000009617/?lang=english</a>
	SAKAMOTO, Hiroaki	Graduate School of Economics, Kyoto University	Economic Analysis of Climate Change with Agent Heterogeneity and Impact Uncertainty	<a href="https://nrid.nii.ac.jp/en/nrid/1000080758996/">https://nrid.nii.ac.jp/en/nrid/1000080758996/</a>
	HAYASHI, Eiichi	Graduate School of Economics, Keio University	The Social History of a Japanese Soldier Who Stayed Behind-Modern Japan of Southeast Asian History-	<a href="https://researchmap.jp/ee1/?lang=english">https://researchmap.jp/ee1/?lang=english</a>
	YATSUNAMI, Ren	Graduate School of Law, Kyushu University	Rules on International Trust	<a href="https://researchmap.jp/7000007624/?lang=english">https://researchmap.jp/7000007624/?lang=english</a>
Science, Mathematics and Engineering	ITO, Hideto	Graduate School of Science, Hokkaido University	Construction of Specific Catalytic Environment by Semihollow-Shaped Triethynylphosphine Ligand and Its Application to Transition Metal-Catalyzed Reaction	<a href="https://researchmap.jp/itohideto/?lang=english">https://researchmap.jp/itohideto/?lang=english</a>
	GONGYO, Yoshinori	Graduate School of Mathematical Sciences, The University of Tokyo	Minimal Models and Abundance	<a href="https://researchmap.jp/yoshinorigongyo/?lang=english">https://researchmap.jp/yoshinorigongyo/?lang=english</a>
	TAKIGAWA, Aki	School of Science, The University of Tokyo	Formation and Evolution of Alumina Dust around Evolved Stars: Toward the Next Stage of Astromineralogy	<a href="https://researchmap.jp/7000011329/?lang=english">https://researchmap.jp/7000011329/?lang=english</a>
	YAMAZAKI, Dai	School of Engineering, The University of Tokyo	A Physically-Based Modeling of Large-Scale Flooding in Continental Rivers of the World	<a href="https://researchmap.jp/bigasmountain/?lang=english">https://researchmap.jp/bigasmountain/?lang=english</a>
	YAMAMOTO, Koji	Graduate School of Engineering Science, Osaka University	Development of Novel Carbon-Carbon Bond Formations with Elimination of Dihydrogen	<a href="https://researchmap.jp/koji_yamamoto/?lang=english">https://researchmap.jp/koji_yamamoto/?lang=english</a>
	YOSHIDA, Yuichi	Graduate School of Informatics, Kyoto University	Sublinear-Time Algorithms for Graphs and Constraint Satisfaction Problems	<a href="https://researchmap.jp/yyoshida/?lang=english">https://researchmap.jp/yyoshida/?lang=english</a>
Biological and Medical Sciences	ISHII, Kenichi	Graduate School of Pharmaceutical Sciences, The University of Tokyo	Research on Regulatory Systems of Innate Immunity and Establishment of Immune-Related Disease Model in the Silkworm <i>Bombyx mori</i>	<a href="https://researchmap.jp/kenishi2/?lang=english">https://researchmap.jp/kenishi2/?lang=english</a>
	KAMIOKI, Masayoshi	Graduate School of Science, Rikkyo University	Nocturnal Song in Birds: The Costs and Benefits of Acoustic Communication in the Darkness	(Japanese Only) <a href="https://researcher.jp/researchers/view/700376">https://researcher.jp/researchers/view/700376</a>
	KOYAMA, Masako	Graduate School of Science, Nagoya University	Structural Basis for CRM1-Mediated Nuclear Export	<a href="https://researchmap.jp/koyama.masako/?lang=english">https://researchmap.jp/koyama.masako/?lang=english</a>
	TAKAHARA, Mitsuyoshi	Graduate School of Medicine, Osaka University	Establishment of Optimal Statistical Models for Assessing the Risk of Atherosclerotic Disease	<a href="https://researchmap.jp/takaharamitsuyoshi/?lang=english">https://researchmap.jp/takaharamitsuyoshi/?lang=english</a>
	NAKAYAMA, Shouta	Graduate School of Veterinary Medicine, Hokkaido University	Assessment of Toxicological Effects of Environmental Pollutants on the Wildlife in Africa	<a href="https://researchmap.jp/snakayama/?lang=english">https://researchmap.jp/snakayama/?lang=english</a>
	NISHIE, Mami	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University	Studies on Lantibiotic Biosynthesis and Mode of Action for Novel Peptide Designing	(Japanese Only) <a href="https://researcher.jp/researchers/view/665534">https://researcher.jp/researchers/view/665534</a>
	HASEGAWA, Yuko	School of Engineering, The University of Tokyo	The Regulatory Mechanisms of Xist RNA in X-Chromosome Inactivation	<a href="https://researchmap.jp/geogrp_acta/?lang=english">https://researchmap.jp/geogrp_acta/?lang=english</a>



## 1st (FY2010) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of June, 2019)
Humanities and Social Sciences	ICHIKAWA, Akira	Graduate School of Letters, Nagoya University	An Archaeological Study on the Societies of Classic Period of Mesoamerica and Its Formation Processes	<a href="https://researchmap.jp/ichiaki5/?lang=english">https://researchmap.jp/ichiaki5/?lang=english</a>
	TAKAGISHI, Haruto	Graduate School of Letters, Hokkaido University	The Role of Theory of Mind in Altruistic Behavior	<a href="https://researchmap.jp/read0139940/?lang=english">https://researchmap.jp/read0139940/?lang=english</a>
	TAKEMURA, Hiromasa	Graduate School of Arts and Sciences, The University of Tokyo	Psychophysical Study for Visual Motion Processing Based on Spatial and Temporal Interaction of Visual Signal	<a href="https://researchmap.jp/hiromasatakemura/?lang=english">https://researchmap.jp/hiromasatakemura/?lang=english</a>
	NISHIDA, Ai	Graduate School of Foreign Language Studies, Kobe City University of Foreign Studies	Old Tibetan Divination Manuscripts from Central Asia	<a href="https://researchmap.jp/ai_nishida/?lang=english">https://researchmap.jp/ai_nishida/?lang=english</a>
	NISHIMOTO, Noa	Graduate School of Asian and African Area Studies, Kyoto University	A Descriptive Study of the Antandroy Dialect of Malagasy	<a href="https://researchmap.jp/7000009399/?lang=english">https://researchmap.jp/7000009399/?lang=english</a>
	YOSHIE, Michiko	Graduate School of Arts and Sciences, The University of Tokyo	Psychophysiological Study of the Effects of Social-Evaluative Stress on Motor Performance in Pianists	<a href="https://researchmap.jp/michiko_yoshie/?lang=english">https://researchmap.jp/michiko_yoshie/?lang=english</a>
Science, Mathematics and Engineering	UCHIDA, Ken-ichi	Graduate School of Science, Tohoku University	Exploration of Fundamental Physics and Application Technology on Thermo-Spin Effects	<a href="https://researchmap.jp/ken-ichi_uchida/?lang=english">https://researchmap.jp/ken-ichi_uchida/?lang=english</a>
	KITAJIMA, Masaaki	Graduate School of Engineering, The University of Tokyo	Molecular Epidemiological Analysis of Pathogenic Viruses in Water Environments and Control Risk of Infection	<a href="https://researchmap.jp/read0148899/?lang=english">https://researchmap.jp/read0148899/?lang=english</a>
	SASADA, Makiko	Graduate School of Mathematical Sciences, The University of Tokyo	Hydrodynamic Limits for Systems of Non-Gradient Type	<a href="https://nrid.nii.ac.jp/en/nrid/100000609042/">https://nrid.nii.ac.jp/en/nrid/100000609042/</a>
	NOBUKAWA, Masayoshi	Graduate School of Science, Kyoto University	X-Ray Study of the Galactic Center Region with Suzaku	<a href="https://researchmap.jp/7000009054/?lang=english">https://researchmap.jp/7000009054/?lang=english</a>
	YANAGISAWA, Shuichi	Graduate School of Science, Nagoya University	Arene-Assembling Reactions through Direct C-H Bond Functionalization	<a href="http://synth.chem.nagoya-u.ac.jp/wordpress/member/alumni/%E6%9F%B3%E6%BE%A4%E3%80%80%E5%91%A8%E4%B8%80?lang=en">http://synth.chem.nagoya-u.ac.jp/wordpress/member/alumni/%E6%9F%B3%E6%BE%A4%E3%80%80%E5%91%A8%E4%B8%80?lang=en</a>
Biological and Medical Sciences	IKENAGA, Naoki	Graduate School of Medical Sciences, Kyushu University	Development of the Selective Stromal-Directed Therapies Targeting the Specific Pancreatic Stellate Cells Enhancing the Progression of Pancreatic Cancer	(Japanese Only) <a href="https://researcher.jp/researchers/view/724793">https://researcher.jp/researchers/view/724793</a>
	SEKI, Tomohisa	Graduate School of Medicine, Keio University	Generation of Induced Pluripotent Stem Cells from Human Terminally Differentiated Circulating T Cells	<a href="https://researchmap.jp/tomohisaseki/?lang=english">https://researchmap.jp/tomohisaseki/?lang=english</a>
	NAKAI, Ryosuke	Graduate School of Biosphere Science, Hiroshima University	Phylogeographic Analysis of Microorganisms in the Arctic and Antarctic Polar Regions	<a href="https://researchmap.jp/rnakai/?lang=english">https://researchmap.jp/rnakai/?lang=english</a>
	HORIE, Masayuki	Graduate School of Medicine, Osaka University	Endogenous Non-Retroviral RNA Virus Elements in Mammalian Genomes	<a href="https://researchmap.jp/masayuki_horie/?lang=english">https://researchmap.jp/masayuki_horie/?lang=english</a>
	YAMAGISHI, Yuya	Graduate School of Science, The University of Tokyo	Analysis of the Function and the Localization Mechanism of the Conserved Protein Shugoshin	(Japanese Only) <a href="https://researcher.jp/researchers/view/148932">https://researcher.jp/researchers/view/148932</a>
	YOSHIDA, Ayako	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Structural Biology on Amino Acid Kinases Involved in Amino Acid Biosynthesis	(Japanese Only) <a href="https://researcher.jp/researchers/view/593421">https://researcher.jp/researchers/view/593421</a>