

22nd (FY2025) JSPS Prize recipients

| NAME | AFFILIATION | RESEARCH TITLE |
|-------------------|---|---|
| ITO Ayahito | Senior Assistant Professor, Graduate School of Education, Tohoku University | Unraveling the Neural Basis of Social Interaction Using the Real-World Paradigm and Social Application |
| KATAOKA Mai | Associate Professor, Research Division, International Research Center for Japanese Studies National Institutes for the Humanities | Research on the Translation, Editing and Publishing Processes of Modern Japanese Literature, and the Reception and Dissemination of that Literature in the English-speaking World |
| KANEKO Megumi | Professor, National Institute of Informatics, Research Organization of Information and Systems Professor, Graduate School of Information Science and Technology, The University of Tokyo | Research and Development to Create Energy Efficient and Smart Next-Generation Wireless Communication Systems |
| KANDA Shinji | Associate Professor, Atmosphere and Ocean Research Institute, The University of Tokyo | Discoveries of Novel Regulation of Pituitary Hormones in Fish |
| KUSUKI Yuya | Associate Professor, Institute for Advanced Study, Kyushu University | Development and Application of Novel Methods in the Interdisciplinary Area of Quantum Gravity and Quantum Many-Body Systems |
| KUMAGAI Yu | Professor, Institute for Materials Research, Tohoku University | Computational Scientific Research on Point Defects in Ceramic Materials and Creation of a Related Database |
| GOTO Yuki | Professor, Graduate School of Science, Kyoto University | Development of Artificial In Vitro Biosynthesis Systems for Pseudo-Natural Peptides |
| KONNO Hokuto | Associate Professor, the Graduate School of Mathematical Sciences, The University of Tokyo | Family Gauge Theory and Its Applications to Four-Dimensional Topology |
| SAGAWA Takahiro | Professor, School of Engineering, The University of Tokyo | Theoretical Framework and Applications of Information Thermodynamics |
| SADA AIKO | Professor, Medical Institute of Bioregulation, Kyushu University | Unraveling the Stem Cell Dynamics in Tissue Homeostasis and Aging |
| SUZUKI Kosuke | Professor, Graduate School of Frontier Sciences, The University of Tokyo | Development of Molecular Inorganic Materials with Atomic-Level Structural Control |
| SUZUKI Taiji | Professor, Graduate School of Information Science and Technology, The University of Tokyo | Development of Fundamental Theories for Deep Foundation Models |
| TAKAHASHI Nobuaki | Professor, Graduate School of Engineering, Kyoto University | Sensing and Adaptation Mechanisms for Oxygen and Oxidative Stress in Life |
| TAKEOKA Aya | Team Director, Center for Brain Science, RIKEN | Neurocircuit Mechanisms of Motor Learning and Memory Formation and Retention |
| TARUNO Akiyuki | Professor, Graduate School of Medical Science, Kyoto Prefectural University of Medicine | Discovery of the Epithelial Channel Synapse and Its Biological Functions |
| TOGASHI Yosuke | Professor, Faculty of Medicine, Dentistry and Pharmaceutical Sciences (Medicine), Okayama University Professor, OKAYAMA UNIVERSITY HOSPITAL | A Novel Mechanism of Cancer Immune Evasion via Mitochondrial Transfer |
| HASEGAWA Tomoko | Professor, Research Organization of Science and Technology, Ritsumeikan University | Research on Climate Change Mitigation and Food Security |
| HIRUMA Kei | Associate Professor, Graduate School of Arts and Sciences and the College of Arts and Sciences, The University of Tokyo | Molecular Mechanisms Underlying Fungal Strategies for Plant Colonization along the Parasitism-Mutualism Continuum |
| MATSUHISA Naoji | Associate Professor, Research Center for Advanced Science and Technology, The University of Tokyo | Stretchable Electronic Devices Using Soft Materials |
| MIURA Noriyuki | Professor, Graduate School of Information Science and Technology, The University of Osaka | Pioneering Semiconductor Computing Technology Leveraging Electromagnetic Near Field |
| MIURA Masashi | Professor / Leading Researcher, Graduate School of Science and Technology, Seikei University, Long term Visiting Researcher, Los Alamos National Laboratory, United States | Pioneering Research on the Improvement of Critical Current Density in Superconducting Thin Films |
| MIYAZONO Kengo | Associate Professor, Faculty of Humanities and Human Sciences, Hokkaido University, | Philosophical and Interdisciplinary Studies of Rationality and Irrationality |
| YAO Fumi | Associate Professor, Graduate School of Humanities and Sociology, The University of Tokyo | Studies on Sutras Embedded in the Mulasarvastivada Vinaya |
| YASUI Takao | Professor, School of Life Science and Technology, Institute of Science Tokyo | Development of a Liquid Biopsy Using Nanowires and Its Medical Applications |
| YAMAMOTO Teppei | Professor, Faculty of Political Science and Economics, Waseda University | Development and Application of Quantitative and Experimental Methods for Empirical Political Science |