

1st (FY2004) JSPS Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE
Humanities and Social Sciences	KATSUMATA, Naoya	Associate Professor, Graduate School of Human and Environmental Studies, Kyoto University	Comparative Studies on Mediterranean/Middle Eastern Cultures and Literatures from the Perspective of Medieval Hebrew Literature
	KUROSAKI, Takashi	Associate Professor, Institute of Economic Research, Hitotsubashi University	Micro-econometric Research on Economic Development
	TAGA, Gentaro	Associate Professor, Graduate School of Education, The University of Tokyo	Developmental Brain Research on Mechanism of Human Locomotion and Perception
	TAKETANI, Etsuko	Associate Professor, Graduate School of Humanities and Social Sciences, University of Tsukuba	American Studies Dealing with the Colonialistic Discourses of US Women Writers
	MURAKAMI, Ikuya	Senior Research Scientist, NTT Communication Science Laboratories, Nippon Telegraph and Telephone Corporation	Psychophysical Research on Interactions among Visual Modules
	WATANABE, Yasushi	Associate Professor, Faculty of Environmental Information, Keio University	Ethnographical Studies on the Politics of Culture and Communities in Contemporary America
Mathematics; Physical Sciences; Chemistry; Engineering Sciences	AOKI, Sinya	Professor, Graduate School of Pure and Applied Sciences, University of Tsukuba	Research on Particle Physics through Method of Lattice-gauge Theory
	ISHIHARA, Kazuaki	Professor, Graduate School of Engineering, Nagoya University	Development of Artificial Small-molecule Green Catalysts
	OHNO, Yuzo	Associate Professor, Research Institute of Electrical Communication, Tohoku University	Research on Spin Injection in Semiconductor Quantum Structure and on Electron/Nuclear Spin Properties
	KATO, Takashi	Professor, School of Engineering, The University of Tokyo	Development of Functional Materials using Self-organization
	KATORI, Hidetoshi	Associate Professor, School of Engineering, The University of Tokyo	Development of Ultra-high Precision Atomic Clock using Optical Lattices
	KOBAYASHI, Shu	Professor, Graduate School of Pharmaceutical Sciences, The University of Tokyo	Development of Environmentally Benign Reaction Processes through Restructuring of Organic Reaction Media
	SUZUKI, Toshinori	Chief Scientist, The Institute of Physical and Chemical Research (RIKEN)	Imaging of Chemical Reactions using Molecular Beam Scattering Method
	TAKEI (KOYAGUCHI), Yasuko	Associate Professor, Earthquake Research Institute, The University of Tokyo	Advances in Solid Earth Science through Research on Dynamics of Solid-liquid Composites
	HABAZAKI, Hiroki	Associate Professor, Graduate School of Engineering, Hokkaido University	Development of Nonequilibrium Functional Materials and Elucidation of Surface Reaction Mechanisms using Nonequilibrium Phases
	FUJISAWA, Toshimasa	Distinguished Technical Member, Senior Research Scientist, Supervisor, NTT Basic Research Laboratories, Nippon Telegraph and Telephone Corporation	Research on Quantum-state Control of Semiconductor Quantum Dots
MOCHIZUKI, Shinichi	Professor, Research Institute for Mathematical Sciences, Kyoto University	Research on the Arithmetic Geometry of Hyperbolic Curves, including Solution via p-adic Methods of the Grothendieck Conjecture on Anabelian Geometry	
Biological Sciences; Agricultural Sciences; Medical, Dental, Pharmaceutical Sciences	AKASHI, Koichi	Professor, Center for Cellular and Molecular Medicine, Kyusyu University Hospital	Studies on Pathway of Lineage Specification from Hematopoietic Stem Cells
	UEMURA, Tadashi	Professor, Graduate School of Biostudies, Kyoto University	Studies on Genetic Programs of Cell Polarity Underlying Multicellular Organization
	KUMANOGOH, Atsushi	Associate Professor, Research Institute for Microbial Diseases, Osaka University	Studies on Regulation of Immune Responses by Semaphorins
	KOBAYASHI, Michihiko	Professor, Graduate School of Life and Environmental Sciences, University of Tsukuba	Molecular and Functional Studies on Nitrile Metabolism and Its Application to Industrial Production
	TAKAYANAGI, Hiroshi	Professor, Tokyo Medical and Dental University, Graduate School	Studies on the Regulation of Bone Metabolism by the Immune System
	NAKAYAMA, Keiichi	Professor, Medical Institute of Bioregulation, Kyushu University	Studies on Control Mechanisms for Cell Proliferation and Cell Death in Mammals
	HASEBE, Mitsuyasu	Professor, National Institute for Basic Biology, National Institutes of Natural Sciences; Professor, School of Life Science, The Graduate University for Advanced Studies	Molecular Phylogenetic and Evolutionary Developmental Studies of Plants
	WATANABE, Naoki	Associate Professor, Graduate School of Medicine, Kyoto University	Studies on Molecular Dynamics of Actin Polymerization in Living Cells