

List of Fellows Selected through Open Recruitment in Japan

The following list includes the names of the selected fellows, their host researchers and research themes under the first recruitment of FY 2012–2013 JSPS Postdoctoral Fellowship Program for Foreign Researchers. Under this recruitment, 913 applications were received, among which 130 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2012. An award letter will be sent to the successful candidates. Unsuccessful applicants (host researchers) will receive a notice of their approximate ranking, and will inform the candidates. Individual requests for selection results are not accepted.

Fellow			Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name			
ABDEL-RAHMAN	Mohamed	Ali	KENJI SONOMOTO	Kyushu University	Verification of super strain QU 25 as an industrial lactic acid producer with inedible biomass
ABDELKAREEM	Mohammad	Ali	NOBUYOSHI NAKAGAWA	National University Corporation Gunma University	Development of a direct alcohol fuel cell by applying nano sized carbide catalyst
AI	Bin		TANJI HOSHI	Tokyo Metropolitan University	Structural relationships between Japan and China for the maintain of the elderly healthy life.
AIJAZ	Arshad		QIANG XU	National Institute of Advanced Industrial Science and Technology	Search for new boron-carbon-nitrogen based open frameworks as hydrogen-storage materials
ALAM	Khairul		SHINICHI TAKAGI	The University of Tokyo	Theoretical study on carrier transport properties and structures of high mobility channel MOSFETs
AMIN	Mohammed	Abdullahel	KOZO TANAKA	Tohoku University	Mechanism of kinetochore-microtubule capture and aneuploidy to design novel anti-cancer drugs
ANISUZZAMAN			NAOTOSHI TSUJI	National Agriculture and Food Research Organization	Functional analyses of tick salivary gland molecules and their roles in pathogen transmission
AYEHU	Nigussie	Haregeweyn	ATSUSHI TSUNEKAWA	Tottori University	Proposing watershed management as a portfolio climate change adaptation and mitigation measure
BAI	Songling		TAKAYA MORIGUCHI	National Agriculture and Food Research Organization	Clarification of mechanism underlying improvement of coloration in apple by paper bagging treatment
BALOGUN	Emmanuel	Oluwadare	SHIGEHARU HARADA	Kyoto Institute of Technology	Development of trypanosome-specific glycerol kinase inhibitors for African trypanosomiasis
BECKER	Tracy	Celeste	MASAYOSHI NAKASHIMA	Kyoto University	Extreme behavior and design of base-isolated structures using multi-phase stiffness control devices

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BEEKMAN	Aron	Jonathan	NAOTO NAGAOSA	RIKEN	Field theoretical study of quantum many-body systems with duality
BEHERA	Kamalakanta		YUKIO OUCHI	Nagoya University	Formation and Interfacial Properties of Various Novel Types of Ionic Liquid-Based Microemulsions
BOUCHET	Helene		NOBUO MASATAKA	Kyoto University	Comparative cognitive studies on the intra- and inter-species communication of Japanese macaques
CARRERAS ESTEBAN	Joaquim		NORIKO TSUJI	National Institute of Advanced Industrial Science and Technology	A study for the role of mucosal IL-10 on inflammation and cancer
CHANDRA	Debraj		MASAYUKI YAGI	Niigata University	Development of efficient porous photoanodes for oxygen evolution by nanostructure engineering
CHEN	Xiao		FUMIO WATARI	Hokkaido University	Application of unique cell membrane permeability of carbon nanotubes for anti-cancer therapy
CHENG	Wan-Chiung		TOSHIYUKI KONO	Kyushu University	Private International Law and Cross-border Insolvency respecting Intellectual Property Rights
CHENG	Jinguang		YOSHIYA UWATOKO	The University of Tokyo	Effect of Pressure on the Critical Phenomena
CHOWDHURY	Mohammad	Shaheed Hossain	MASAO KOIKE	Shinshu University	Role of co-management policy on wildlife conservation in protected areas in Bangladesh
COCK	Andrew	Robert	JIN SATO	The University of Tokyo	political economy of natural resources and foreign aid in Southeast Asia
DALL'ARNO	Michele		MASANAO OZAWA	Nagoya University	Quantum information theoretical study of quantum measurements

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DALLA LIBERA	Fabio		HIROSHI ISHIGURO	Osaka University	Intuitive teaching of whole body humanoid robot motions based on mutual physical interaction
DANG	Zhisheng		YUZABURO OKU	Tottori University	Study on molecular mechanisms of proliferation and development of Echinococcus multilocularis
DAPAT	Clyde	Pancito	REIKO SAITO	Niigata University	Molecular Characterization of Antiviral Drug Resistant Influenza Viruses in Myanmar
DAS	Madhab	Chandra	HIROSHI KITAGAWA	Kyoto University	Gas-Pressure Control of Proton Conductivity in MOFs
DE LOS SANTOS VALLADARES	Luis		YUTAKA MAJIMA	Tokyo Institute of Technology	Development of Nanoscale Electronic Devices by Bottom-up Processes
DESHPANDE	Megha	Subhash	SHUN HIROTA	NAIST	Formation Mechanism and Function of Oligomeric Cytochrome c
DONG	Yingchao		KATSURO HAYASHI	Tokyo Institute of Technology	Key active oxygen species in nanoporous mayenite ceramics responsible for oxidation reactivity
DU	Dongning		HISASHI NARIMATSU	National Institute of Advanced Industrial Science and Technology	Study on in vivo function of core 3 O-glycans using B3gnt6 knockout mice
DU VERLE	David	Alexander	HIROSHI MAMITSUKA	Kyoto University	Inferring gene regulatory networks using time-series gene expression and network motifs
FEKIH EP LARIBI	Rym		RYOHEI TERAUCHI	Iwate Biotechnology Research Center	Isolation and use of rice genes that enhance direct seed sowing
FERREIRA	Pedro	Eduardo	OSAMU KANEKO	NAGASAKI UNIVERSITY	CALCIUM SIGNALING IN MALARIA

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FREEMAN	Stephen	Daniel	RAJ LADHER	RIKEN	Investigating the role of Sulfl in mouse inner ear development and stereocilia formation.
GETMANENKO	Alexander		YOSHITSUGU TAKEI	Kyoto University	Witten Laplacian and resurgence theory
GHOSH	Pradip		MASAKI TANEMURA	Nagoya Institute of Technology	Development of Transparent and Flexible Conductive Electrode without Using Rare Metals
GURAGAIN	Sudhina		HIROTAKA IHARA	Kumamoto University	Nonlinearly-responsive poly(ionic liquid)-grafted silica as new stationary phase for tunable HPLC
HATTORI	Ricardo	Shohei	NOBUAKI OKAMOTO	Tokyo University of Marine Science and Technology	Research on the environmental control of sex determination in fish
HEMBRY	David	Howard	ATSUSHI KAWAKITA	Kyoto University	Coevolution and codiversification in an insect-plant mutualism on remote oceanic islands
HEWAWASAM GAMAGE	Luminda	Niroshana Gunawardhana	AKIRA MANO	Tohoku University	Exploration of potential geothermal energy in major urban cities in Japan under changing climate
HINDERHOFER	Alexander		NOBUO UENO	Chiba University	Study of the interface structure and the electronic function in organic devices from molecular level
HOLLAMBY	Martin	James	TAKASHI NAKANISHI	National Institute for Materials Science	Functional C60-Containing Materials by Solvent-Induced Aggregation
HONG	Hyenjong		FUYUKI ISHIKAWA	Kyoto University	Quality Control of iPS Cells
HORN	Theara		MASAYOSHI HAYASHI	The University of Tokyo	An Analysis fo Determinants of Government Expenditure Efficiency

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HOSSAIN	Md.	Golbar	JYOJI YAMATE	Osaka Prefecture University	Pathogenesis of biliary fibrosis and its therapeutic strategy, based on macrophage functions
HOWARD	Matthew	Jacob, William	YOSHIHIKO NAKAMURA	The University of Tokyo	Dealing with Context and Embodiment Heterogeneity in Behaviour Imitation and Transfer
HUANG	Chao-Hua		YASUO KAWAGUCHI	National Institutes of Natural Sciences	Local circuit inhibitions on pyramidal cell types connecting distant cortical areas
HUANG	Haiping		YOSHIYUKI KABASHIMA	Tokyo Institute of Technology	Statistical Mechanical Approach to Massive Probabilistic Inference
JANG	Yeonhee		TSUYOSHI KOBAYASHI	Nara Women's University	Research on bridge presentations of links
JANG	Kyoung Won		TSUYOSHI MISAWA	Kyoto University	Study on Advanced Radiation Detection Techniques by the Optical Fiber Detector
JANUNE	Danilo	Donizetti Januario	MASAHARU TAKIGAWA	Okayama University	Role of CCN3 in determining fate of chondrocytes and its medical utility
JHA	Somnath		TADASHI OCHIAI	Osaka University	Unification of Non-commutative Iwasawa Theory and Deformation theoretic Iwasawa theory
JIANG	Lei		MORITOSHI IINO	Osaka City University	Molecular identification and functional analysis of UV-B-specific signaling components in rice
JIANG	Zedong		TATSUYA ODA	NAGASAKI UNIVERSITY	Structure-activity relationship on polysaccharides isolated from marine algae
KAFER	Georgia	Rose	NORIO NAKATSUJI	Kyoto University	Investigating functional changes during differentiation in pluripotent cell chromosomal architecture

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KAN	Sek-Bik Jennifer		KEIJI MARUOKA	Kyoto University	Redox Organocatalysis as a New Strategy for Chemical Synthesis
KANG	Lan		HANBIN GE	Meijo University	Seismic Evaluation of Steel Bridge Structures Accounting for Effects of Extremely Low-Cycle Fatigue
KANOO	Prakash		SUSUMU KITAGAWA	Kyoto University	Photo-responsive porous coordination polymers having light induced guest adsorption functions
KHANNA	Rohit		HIROAKI TAKADAMA	Chubu University	Formation of wear resistant surface layer on metals for artificial joints
KOLI	Anar		YUTAKA TSUJINAKA	University of Tsukuba	The Global Environmental Policy Network: The Question of Power and Influence of Japan in the arena
KULKEAW	Kasem		DAISUKE SUGIYAMA	Kyushu University	Analysis on globin synthesis by X, a novel acetylation regulator
KWON	Bongsuk		SHINYA NISHIBATA	Tokyo Institute of Technology	The fluid limit and stability problems in hyperbolic conservation laws
LEE	Changhee		MINORU SAKAMOTO	National Institutes for the Humanities	Establishment of chronology of the Korean Bronze Age by radiocarbon dating
LEE	Hyunyong		AKIHIRO NAKAO	The University of Tokyo	Development of P2P Traffic Control Technique based on Network Performance Manipulation
LI	Mao		KATSUHIKO ARIGA	National Institute for Materials Science	Electrochemical Coupling Layer-by-Layer (EC-LbL) Assembly for Preparation of Functionalized Films
LI	Hua		KAZUHIKO HIRAKAWA	The University of Tokyo	Physics and realization of high-performance terahertz quantum cascade lasers

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LIANG	Haozhao		TAKASHI NAKATSUKASA	RIKEN	Covariant finite amplitude method for charge-exchange reactions in deformed nuclei
LIN	Miao-Hsia		YASUSHI ISHIHAMA	Kyoto University	Identification of virulence-induced signals of pathogenic bacteria by quantitative phosphoproteomics
LU	Xin-You		FRANCO NORI	RIKEN	Quantum information based on coherence and interference effects in solid-state media
LUO	Pingping		KAORU TAKARA	Kyoto University	Integrated assessment of water-related disasters under extreme events
MAHMOUD SOLYMAN	Ashraf	Abdellahi	SHUJI HISANO	Kyoto University	A Study on Agricultural Policies and Food Security in Egypt
MAI VAN	Cong		HITOSHI TANAKA	Tohoku University	Risk modelling and risk based adaptation towards tsunami induced coastal hazards
MALAHALLI	Vijaya Kumar	Shankare Gowda	TAKEHIKO ISHIKAWA	The Institute of Space and Astronautical Science, Japan Aerospace	Research on the metastable phases and property of oxide materials with containerless processing
MAO	Jirong		SHIGEHIRO NAGATAKI	Kyoto University	Theoretical Study on Radiation Mechanism of Gamma-Ray Bursts
MEHTA	Sanjay	Kumar	TOSHITAKA TSUDA	Kyoto University	A Study on the variations of the tropical tropopause by using high-precision satellite data
MENG	Xiang	Ning	RYOSUKE SUZUKI	Hokkaido University	System Design of Thermoelectric Generation Combining Computational Fluid Dynamics and Heat Transfer
MIN	Jungwon		HITOSHI MITSUHASHI	KEIO UNIVERSITY	Organizational and Social Systems with High Receptivity for Warning

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MISHRA	Puneet		TOMONOBU NAKAYAMA	National Institute for Materials Science	High temperature superconductivity in single-atomic metal layers on diamond substrates
MOHAMMAD	Yasser	Farouk Othman	TOYOAKI NISHIDA	Kyoto University	Fluid Imitation Learning Using A Hybrid Interactive Robotic Architecture
NGUYEN	Vu	Tuan	MASATO AKIBA	National Agriculture and Food Research Organization	Effect of structural changes of surface sugar chains on attachment and survival of Campylobacter
OH	Jeongbae		KEN-ICHI OHBUCHI	Tohoku University	Formation and Decrease Mechanism of Koreans' Prejudices against Japanese People
OH	Sung Yong		KENSEI TOBINAI	NCC	Correlation of behavior of MALT lymphoma with molecular pathogenesis and tumor microenvironment
OLIVEIRA	Daniel	C	TADAFUMI ADSCHIRI	Tohoku University	Development of a Novel Hybrid Engine Based on Energy Conversion by Magnetic Biomolecular Motor
OROZBAEV	Rustam	Talapkerovich	TAKAO HIRAJIMA	Kyoto University	Deep fluids study on the HP-UHP metamorphic rocks formed in the extremely low geothermal gradient
PACHAKKIL KALARI THOTATHIL	Babil		SHINSUKE YAMANAKA	Japan International Research Center for Agricultural Sciences	Molecular and cytological genetic studies on diversity of Yam genetic resources
PENG	Hao		TORU HOYA	The University of Tokyo	Study on the History of Sino-Japanese Relations in the Early Modern Period based on Chinese Archives
PERICAS GLEIM	Miquel		SATOSHI MATSUOKA	Tokyo Institute of Technology	Programming Models for High Performance Computing
PHILLIPS	Brian	Michael	YOZO FUJINO	The University of Tokyo	Enhancement of real-time hybrid simulation and its application to seismic performance improvement

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PHITAK	Thanyaluck		KEN KITAJIMA	Nagoya University	Elucidation of metabolic cycle and functions of novel sulfated sialic acids
PICHE	Mathieu		HARUMI HOTTA	Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology	Impact on autonomic nerve functions of chronic back pain originating from the thoracic spine
PODOLSKIY	Evgeny	Andreevich	SHIN SUGIYAMA	Hokkaido University	Ice flow mechanisms of a calving glacier in Patagonia
POONJARERNSILP	Chantamane		HAJIME TAMON	Kyoto University	Development of low-cost synthesis method of metal/nanocarbon hybrid catalysts for biofuel production
QIAN	Xufang		HIROMI YAMASHITA	Osaka University	Design of visible-light photocatalysts with well-defined nanostructures enhanced by nano-metal SPR
QIAO	Wei		YU-YOU LI	Tohoku University	Upgrading of the co-fermentation of sewage sludge and food waste by combing thermal treatment
QIU	Renhua		NOBUAKI KAMBE	Osaka University	Creation of New Acid-Base Pair Catalysts for C-Heteroatom Bond Cleavage and Synthetic Application
QIU	Huajun		MINGWEI CHEN	Tohoku University	Novel nanoporous metal-based hybrid nanostructures for electrochemical energy storage
RAHMAN	Ismail	Md. Mofizur	HIROSHI HASEGAWA	Kanazawa University	A new technique for recovery of rare metals in landfill waste using molecular recognition technology
RELLAN-ALVAREZ	Ruben		JIAN FENG MA	Okayama University	Identification of transporters involved in long-distance transport of iron in rice
SELABOINA	Appannababu		KATSUHISA NISHIO	Japan Atomic Energy Agency	Cross-section determination for super-heavy elements by measuring the heavy-ion induced fission

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SHEN	Zheyu		NOBUHIRO NISHIYAMA	The University of Tokyo	Development of smart drug delivery system equipped with environment-sensitivity and targetability
SHIN	Sohee		SHINICHI DEMURA	Kanazawa University	A comprehensive fall prevention system for the community-dwelling elderly
SHIRSATH	Sagar	Eknathrao	AKIMITSU MORISAKO	Shinshu University	Study of self assembled ferrite nano-dot for high density patterned recording media
SON	You Lee		KAZUYOSHI TSUTSUI	Waseda University	Regulatory mechanisms of GnIH gene expression by clock gene and melatonin
SONU	Mee		TAKAYUKI ARAI	Sophia University	Perceptual studies of Japanese temporal structures by non-native listeners
SUMIDA	Kenji		SUSUMU KITAGAWA	Kyoto University	Porous hybrid materials toward fabricating molecular sensors and manipulating cellular functions
TAZIB	Tanveer		TSUTOMU MATSUI	Gifu University	Population genetics studies on rice (<i>Oryza sativa</i> L.) heat stress adaptation during flowering time.
TOQUE	Jay Arre	Oliveros	ARI IDE	Kyoto University	Development of high-resolution scanning technology for noninvasive analytical imaging
TRAN	Do	Van	TAMOTSU SATO	Incorporated Administrative Agency Forestry and Forest	A new approach to improve accuracy in fine root estimation for evergreen broad-leaved forests
VAN STEENPAAL	Niels		TADASHI KARUBE	The University of Tokyo	Moral Culture in Eighteenth-Century Japan: Sekimon Shingaku and the Premodern Social Order
VINCENOT	Christian	Ernest	LINA KOYAMA	Kyoto University	Implications of anthropogenic disturbances for the conservation of the endangered Ryukyu Flying Fox

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VUTUKURI	Prakash	Reddy	NOBUAKI KAMBE	Osaka University	Development of New Catalytic Systems for Carbon–Carbon and Carbon–Heteroatom Bond Forming Reactions
WANG	Chinyen		SHUNICHIROU NAKANO	Kobe University	Efficient resolution of transborder civil disputes
WANG	Jie		TAKAYUKI KITAMURA	Kyoto University	Multiscale modeling and simulation of ferroelectric nanostructures
WANG	Zhaokui		HIROYUKI OKADA	University of TOYAMA	Study on Operational and Carrier Transport Mechanism for High–Performance Organic Devices
WANG	Ming		KAZUNORI KATAOKA	The University of Tokyo	Optimization of targeting ligand organization onto nanoparticles for siRNA delivery to cancer
WEI	Feifei		MASARU TANOKURA	The University of Tokyo	Developments and Applications of NMR–Based Metabolomics
WENG	Su–Ming		MASAKATSU MURAKAMI	Osaka University	A novel approach for neutron production by the ultra–short ultra–intense laser
YAMAAKHUU	Badamkhand		SHIGEKI SHIOTANI	Osaka University	Structural Study of Mongolian Figurative Words
YANG	Kai–Chiang		SHOICHIRO SUMI	Kyoto University	Beta–cell differentiation from adipose tissue–derived stem cells and subcutaneous transplantation
YANG	Xiao–Long		IKURO ABE	The University of Tokyo	Search for Biologically Active Compounds, Genes, and Enzymes by Metagenomic Approaches
YEH	Chuan–Ming		MASARU TAKAGI	National Institute of Advanced Industrial Science and Technology	Identification of factors that regulate sensitivities to aluminum and acid stress in plants

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YOON	Hyung	Shin	HIROSHI KUNUGI	NCNP	The role of CART in the expression of depressive behavior;human and animal study
YU	Tai-Yong		YUUKI IMAI	The University of Tokyo	Clarification of Dioxin Receptor(AhR) Molecular Function in Osteoclast
YU	Deping		EIJI SHAMOTO	Nagoya University	Challenge to ultraprecision machining of micro-structured surfaces on hard/brittle materials
ZHANG	Wenfeng		AKIRA TORIUMI	The University of Tokyo	Study of Interface Reaction Kinetics of Ge with Metal-Oxides
ZHAO	Yan		NAGARA TAMAKI	Hokkaido University	Development and application of novel nuclear imaging methods for diagnosing atherosclerosis
ZHAO	Xue Qiang		MICHIO SUNAIRI	NIHON UNIVERSITY	Roles of aluminum in nitrogen cycling of plant-microbe symbiotic systems grown on acid soil
ZHENG	Yuanhui		TAKESHI FUJITA	Tohoku University	High-performance 3D Nanoporous Heterojunction Electrodes for Electrochemical Energy device
ZHU	Youwen		TSUYOSHI TAKAGI	Kyushu University	Efficient Multi-Party Computations and their Applications to Secure Data Storage Outsourcing
ZRELLI	Houda		HITOSHI MIYAZAKI	University of Tsukuba	Beneficial effects of carnolic acid on chronic kidney disease and dysfunction of the vasculature