

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 2nd recruitment of FY 2015-2016 JSPS Postdoctoral Fellowship Program for Foreign Researchers. Under this recruitment, 1206 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015. 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			
ABDUL MAJID			Masato YOSHIYA	Osaka University	Rare Earth based MoS ₂ monolayers: Material designs for future optoelectronics and Spintronics
ALAM	Md.	Mahfuz	Nobuhiro SUZUKI	Okayama University	A new virus life style: A capsidless ssRNA virophage hosted by an unrelated novel dsRNA virus
ALAM	Asrar		Shigeto YOSHIDA	Kanazawa University	Malaria vaccine development based on multifunctional vaccine platform
APPELTANT	Ruth		Kazuhiro KIKUCHI	National Institute of Agrobiological Sciences	Studies on cryopreservation of immature porcine oocytes
ARPUTHARAJ	Joseph	Nathanael	Ayako OYANE	National Institute of Advanced Industrial Science and Technology	Alveolar bone regeneration via laser-assisted cell stimulation and cytokine-apatite co-precipitation
ARRAUT GUERRERO	Ivan	Dario	Shinji TSUJIKAWA	Tokyo University of Science	Construction of extended theories of General Relativity and their observational probes
AU	Ka Man		Hiroshi SATO	The University of Tokyo	Dynamic Control of Donor/Acceptor Molecular Arrangements in Flexible Porous Crystals
AVANASHIAPPAN	Nandakumar		Yoshihiro ITO	RIKEN	Precise targeting of drug delivery system by in vitro selection
AW	Wanping		Masaru TOMITA	KEIO UNIVERSITY	Nutrinomic-based evaluation of Manuka Honey (<i>Leptospermum scoparium</i>) on colorectal cancer
BALBOULA	Ahmed	Zaky	Masashi TAKAHASHI	Hokkaido University	Improving quality and postthaw survival of bovine embryos by regulation of cathepsin signal pathway
BILANO	Ver Luanni	Feliciano	Kenji SHIBUYA	The University of Tokyo	A prefecture-level burden of disease attributable to major risk factors in Japan

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BORAH	Parijat		Shu KOBAYASHI	The University of Tokyo	Development of supported chiral catalysts for continuous flow total syntheses of bioactive compounds
BRADAK	Balazs		Masayuki HYODO	Kobe University	Comparative magneto-climatostratigraphical study of loess-paleosol sequences from Asia and Europe
BUI	Cong Tinh		Nam hai PHAM	Tokyo Institute of Technology	Spin-dependent thermopower in thin films of ferromagnetic semiconductors
CAI	Yanjiang		Hiroko AKIYAMA	NIAES	Investigation of microbial and abiotic pathway of N ₂ O production after biochar application to soil
CHABCHOUB	Amin		Takuji WASEDA	The University of Tokyo	Extreme Nonlinear Waves: Modelling, Impact and Prediction
CHEN	Xiao		Takashi TAKEKOSHI	Kobe City University of Foreign Studies	Study of Pre-Modern Pekinese based on Japanese sources
CHEN	Rong		Yu-you LI	Tohoku University	Development of sewage treatment system by combining anaerobic membrane bioreactor and ANAMMOX process
CHEN	Jikun		Akira TORIUMI	The University of Tokyo	Size Effects of Metal-Insulator-Transition in thin Oxide films
CHEN	Hung-Yen		Satoshi NAGAI	Fisheries Research Agency	Development of evaluation methods for marine ecosystems by use of marine big data
CHING	Chao-Jung		Yutaka YOSHIDA	Kyoto University	Dynamics of writing traditions on the Silk Road: a case study of Tocharian and other languages
CHINNATHAMBI	Shanmugavel		Nobutaka HANAGATA	National Institute for Materials Science	Application of near-infrared emitting quantum dots to pharmacokinetics and diagnosis

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CHO	Byunghyun		Makoto HASHIZUME	Kyushu University	Development of surgical navigation system with warning sound and monitoring for fibrous dysplasia
CHUANG	Chiashain		Nobuyuki AOKI	Chiba University	Study of electron wave dynamics in ballistic transport device realized by BN and graphene system
CHUTIWITOONCHAI	Nopporn		Yoko AIDA	RIKEN	Identification of a novel potential anti-influenza drug target from viral nuclear export mechanism
CUI	Kunpeng		Jian ping GONG	Hokkaido University	Analysis of the mechanism of deformation and fracture of tough double-network gels
CUI	Jin		Masakatsu SHIBASAKI	Microbial Chemistry Research Foundation	Catalytic asymmetric total synthesis of the marine macrolide leptolyngbyolide C
DECHANT	Andreas		Shin-ichi SASA	Kyoto University	Small machines in complex crowded environments
DOAN	Thai Son		Yuzuru SATO	Hokkaido University	Stochastic Bifurcation in Low-dimensional Spaces
FATEMA	Chowdhury	Nusrat	Yoshimasa KITAGAWA	Hokkaido University	FDG PET and 3-phase bone scintigraphy to monitor hyperbaric oxygen therapy for BRONJ
FOUQUET	Thierry	Nicolas Jean	Hiroaki SATO	National Institute of Advanced Industrial Science and Technology	Understanding the degradation of functional polymers by mass spectrometry and allied techniques.
GEISELER	Jost	Henning	Jiro ITATANI	The University of Tokyo	Ultrafast molecular imaging using laser-induced electron scattering
GHOSH	Debjani		Tomoki SEKIGUCHI	Osaka University	Job embeddedness, fit, and organizational identity in predicting turnover intentions and performance

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GUPTA	Rakesh	Kumar	Nobuo KIMIZUKA	Kyushu University	Development of new metal complex systems for realizing efficient photon upconversion
HAGGAG	Rana	Gamal	Keisuke KASUYA	Hitotsubashi University	Study on the multilayered nature of Arabic text and its social functions in Egypt
HASANUZZAMAN	Mirza		Hirosuke OKU	University of the Ryukyus	Physiological significance of nitric oxide signaling in the salt tolerance mechanism of mangrove
HO	Ya-Lun		Jean jacques DELAUNAY	The University of Tokyo	Plasmonic hybrid cavity-channel structure for subwavelength nanolasing
HOSSAIN	Mohammad	Anwar	Toru FUJIWARA	The University of Tokyo	Molecular genomic analysis of low nutrient tolerance of rice using phosphate tolerant mutants
IBRAHIM	Ahmed	Mohamed Abdelrazek	Ichiro KIMURA	Hokkaido University	Advanced tsunami hazard map considering local acute wave deformation with the aid of hybrid SPH
IMAMOGLU	Nevrez		Andrea BENUCCI	RIKEN	Investigating Representation and Computation in Cortical Networks Using Deep Learning Algorithms
ISLAM	Md.	Anamul	Hiroshi AKIMA	Nagoya University	Central and peripheral fatigue of quadriceps femoris including vastus intermedius
ISLAM	Md.	Nurul	Wakako ARAKI	SAITAMA UNIVERSITY	Determination of fatigue crack initiation of composites for SOFC application
JAMPANI	Venkata	Subba Rao	Fumito ARAOKA	RIKEN	Reconfigurable self-assembled liquid crystal photonic structures toward topological photonics
JI	Xiaofan		Takuzo AIDA	The University of Tokyo	Precise Synthesis of 2D Polymers

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JIAO	Wei		Akihiko HIRATA	Tohoku University	Correlation among relaxation, local atomic structures, and properties in metallic glasses
KAMRUZZAMAN	Md.		Akira OSAWA	Kyoto University	Reconstructing stand development of mangroves in the tropics using stable isotope ratios
KARIM	Mohammad	Razaul	Shinya HAYAMI	Kumamoto University	Graphene oxide hybrids for multicomponent in energy related application
KARIM	Md Rezaul		Kousaku OHINATA	Kyoto University	Studies on neuronal circuits sensing exogenous neuromodulatory peptides
KIM	Jieon		Seiichi KAMADA	Osaka City University	Research on links and surface-links using quandles and biquandles
KOBER	A. K. M.	Humayun	Haruki KITAZAWA	Tohoku University	Study on an advanced application of immunobiotics as drug alternatives for growing healthy livestock
KRISHNAMURTHY	Panneerselvam		Masao ISHIMOTO	National Institute of Agrobiological Sciences	Deciphering DDMP saponin biosynthesis and its functional characterization in plant
KUMAR	Rahul		Takayuki TOMARU	High Energy Accelerator Research Organization	Development of KAGRA Cryogenic Payload for Gravitational wave Astronomy
KUMAR	Pardeep		Tahei TAHARA	RIKEN	Probing Ultrafast Structure Evolution through Time-Resolved Impulsive Stimulated Raman Spectroscopy
KUMAR	Deependra		Masanori SAKAGUCHI	University of Tsukuba	Integration of adult-born neurons into memory circuits during sleep
KUNDU	Dhiman		Shuji AKAI	Osaka University	Development of Multi-Catalyzed Dynamic Kinetic Resolution and Their Application to Domino Synthesis

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LAN	Zhongwu		Yuji SANO	The University of Tokyo	Paleoceanographic study on the Ediacaran environment
LEE	Ji Ha		Kazuo SAKURAI	The University of Kitakyushu	Calix[4]arene-Based Supramolecular Self-assembly and Structural Analysis with SPring-8
LIN	Chunshan		Misao SASAKI	Kyoto University	Extended gravity and its cosmology
LIN	Junhao		Kazutomo SUENAGA	National Institute of Advanced Industrial Science and Technology	In-situ Study of the Structure and Property Variance in 2D Materials under Excitations
LIU	Yu		Osamu IYAMA	Nagoya University	Structure theory of derived categories by classification of cotorsion pair
LOPEZ ALVAREZ	Yosvany		Tatsuhiko TSUNODA	RIKEN	Multi-omic analysis for predicting cancer driver mutations in regulatory regions
LOPEZ DAVILA	Victor		Jun YAMASHITA	Kyoto University	In vitro evaluation system for cardiac contraction using human iPS cell-derived 3-D cardiac tissue
MARQUES GONZALEZ	Santiago		Manabu KIGUCHI	Tokyo Institute of Technology	Understanding structural factors in molecular junctions, towards a conformational transistor
MORINI	Filippo		Masahiko TAKAHASHI	Tohoku University	Effect of nuclear motion on molecular orbital pattern studied by electron momentum spectroscopy
MOTAKATLA	Venkateswer Reddy		Young-cheol CHANG	Muroran Institute of Technology	Development of the sustainable production of middle chain fatty acids (MCFA) from the waste streams
NAVANEETHAIYER	Umasuthan		Teruyuki NAKANISHI	NIHON UNIVERSITY	Induction of cell-mediated immunity in fish using recombinant Th1 cytokines

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NEEMA	Meher	Nigar	Junichiro ASANO	Toyohashi University of Technology	Ga-Based Hybrid Simulation Approach for Urban Greenery Strategy to Improve Degraded Air Quality
NGUYEN	Tu	Thanh	Masaaki TANAKA	The University of Tokyo	Semiconductor Spintronics Materials and Devices with Fe-based III-V Ferromagnetic Semiconductors
NI LAR			Hiroyuki TAGUCHI	SAITAMA UNIVERSITY	Study on Global-Value-Chains Participation and Industrial Upgrading in Myanmar
OBEXER	Richard	Joseph	Hiroaki SUGA	The University of Tokyo	New strategies for devising macrocyclic peptides with improved drug properties
OVADIA	Benjamin		Masayuki INOUE	The University of Tokyo	Development of stereoselective three-component radical coupling reaction
PACHFULE	Pradip	Shashikant	Qiang XU	National Institute of Advanced Industrial Science and Technology	Tailoring hierarchical pore structure of carbon materials for high-performance energy storage
PARAJULI	Laxmi	Kumar	Shigeo OKABE	The University of Tokyo	Mechanisms of synapse stabilization revealed by correlative two-photon and electron microscopy
PARK	Soon-Gi		Yasuhiro TAKAKI	Tokyo University of Agriculture and Technology	Development of fatigue-free autostereoscopic display
PARK	Daeil		Hosei NAGANO	Nagoya University	Study on Multifunctional Spacecraft Thermal Control Device based on Metal-Insulator Phase Transition
PAULMANICKAM	Koilraj		Keiko SASAKI	Kyushu University	Design of functional layered double hydroxide nanosheets as eco-materials
PERIYASAMY	Sivagurunathan		Kaiqin XU	National Institute for Environmental Studies	Development of extraction and two-stage fermentation process for fuel production from oily wastes

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PETZOLDT	Albrecht		Tsuyoshi TAKAGI	Kyushu University	Developing a Practical and Secure Multivariate Encryption Scheme
PONS-LLOPIS	Joan Francisco		Takuro ABE	Kyoto University	On freeness and stability of logarithmic vector fields along hypersurfaces via vector bundle theory
QUELICONI	Bruno	Barros	Keiji TANAKA	Tokyo Metropolitan Institute of Medical Science	Study of mitophagy focusing on phosphorylated ubiquitin
RAHMAN	Md.	Mosieur	Keiko NAKAMURA	Tokyo Medical and Dental University	Paradox of relationship between social gradients and noncommunicable disease in developing countries
RENAUDIE	Maxime	Jean-Philippe	Shozo OTA	The University of Tokyo	Coexistence & Major Conflicts between Continental Europe & Anglo-American Models of Legal Education
RIVAS	Charlotte		Yasuteru URANO	The University of Tokyo	Rapid tumor imaging with novel fluorogenic probes for glycosidases
RODE	Ambadas	Bhagwanrao	Naoki SUGIMOTO	KONAN UNIVERSITY	Development of tunable aptamers derived from natural riboswitches for making genetic control devices
SABRE	Clothilde		Takayoshi YAMAMURA	Hokkaido University	The development of Hokkaido through contents tourism, a comparative case study
SANKARANARAYANAN	Subramanian		Tetsuya HIGASHIYAMA	Nagoya University	Exploring Plant Sugar Chain Signaling by Identification of a Receptor of Novel Bioactive Glycan AMOR
SARKER	Md. Mizanur	Rahman	Hidetoshi YAMASHITA	Hitotsubashi University	Panel Modeling of Effectiveness of Holistic Community Development on Social Capital Formation
SAUCET	Simon	Bernard	Ken SHIRASU	RIKEN	Deciphering subtilase's function in the establishment of parasitic structure by <i>P. japonicum</i>

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SAYED ALY	Alaa El-Din	Hamed	Hiroshi MITANI	The University of Tokyo	The analysis of the DNA damage response under environmental stress using medaka as a model system
SEGTKOU	Margarita		Bogdan ENESCU	University of Tsukuba	Operational Earthquake Forecast for Japan
SHIM	Heechan		Nobuhiro KATSURAJIMA	Ritsumeikan University	Modern Japan's Colonialism and "Study of East Asia History"
SHIN	Woongchul		Makoto OOTSUKI	Kyoto University	A study of construction of Text Database on Early Japanese dictionary
SHULMAN	Alejandro	Raul	Isao INOUE	National Institute of Advanced Industrial Science and Technology	Taming single crystalline Mott insulator thin films for the prototype of Mott FET
SINGH	Manoj	Kumar	Ryozo OOKA	The University of Tokyo	Development of the adaptive model of thermal comfort for office buildings of India
SONG	Ling		Haruyuki INUI	Kyoto University	Micropillar deformation of TiAl alloys containing high Nb concentrations
SUBRAMANI	Thiyagu		Naoki FUKATA	National Institute for Materials Science	Development of flexible silicon nanostructure solar cells
TAKAHASHI	Tomio	Samuel	Shuya FUKAI	The University of Tokyo	Elucidation of mechanisms for specific cleavage of K63-linked ubiquitin chains by BRCC36 complexes
TAN	Dezhi		Kazunari MATSUDA	Kyoto University	Optical science of atomically thin hetero-structures and its application for solar cells
TAN	Ke		Akira NAKAI	Yamaguchi University	Analysis of molecular mechanisms and physiological roles of the mitochondrial stress response

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TAYLOR	Richard	James Edward	Takuo TANEMURA	The University of Tokyo	On-Chip Beam Steering and Shaping Using Photonic Crystal Surface Emitting Laser
TEKKOUK	Karim		Jiro HIROKAWA	Tokyo Institute of Technology	Advanced flat integrated millimeter-wave antenna systems for 5G heterogeneous networks and beyond
TONG	Hua		Hajime TANAKA	The University of Tokyo	Glass Transition and Jamming in Systems with Well-Controlled Disorder
TSAI	Cheng-Hsiu		Naoki KOHNO	National Museum of Nature and Science	Rise and fall of the largest animals; baleen whales (Cetartiodactyla: Mysticeti)
TSAI	Chia-Feng		Yasushi ISHIHAMA	Kyoto University	Large-scale phosphorylation stoichiometry measurement by quantitative phosphoproteomics
UNNI	Sreekuttan	Maraveedu	Takeo YAMAGUCHI	Tokyo Institute of Technology	Carbon alloy electro catalysts based on MOF precursor and high performance Pt free fuel cells
VALVERDE-MURILLO	Elena		Mikiko SODEOKA	RIKEN	DEVELOPMENT OF DIRECT METHODS FOR THE PREPARATION OF OPTICALLY ACTIVE TRIFLUOROMETHYLATED COMPOUNDS
VEALE	Richard	Edmund	Tadashi ISA	National Institutes of Natural Sciences	A visual attention prosthesis using biologically accurate simulations of the superior colliculus
WANG	Wei-Guang		Ikuro ABE	The University of Tokyo	Structure-Function Analysis of Enzymes Involved in Complex Natural Product Biosynthesis
WEI	Hongping		Hokto KAZAMA	RIKEN	Dissecting the neural circuit underlying odor-taste multisensory integration
WIN	Stephanie	Joy	Hiroshi TAKAYANAGI	The University of Tokyo	Characterization of pathogenic Th17 cells in autoimmune diseases

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WU	Yang		Masayuki HYODO	Yamaguchi University	Numerical analysis of methane hydrate-bearing sediment deformation during long-term gas production
WU	Jing		Hirokazu KAWAGISHI	National University Corporation Shizuoka University	Search for life cycle-regulating hormones in mushrooms
XU	Dongdong		Yutaka TAKEUCHI	Tokyo University of Marine Science and Technology	Study of germ-cell deficiency in hybrid fish and its use as recipients for germ-cell transplantation
YAN	Yi		Seiji TAKASHIMA	Osaka University	Correlation analysis of energy metabolism and cell motility
ZANG	Leizhen		Akio TAKAHARA	The University of Tokyo	Impact of the Internet on Japan-China Relations
ZHANG	Jiaheng		Masayoshi WATANABE	Yokohama National University	Development of novel carbon material using ionic liquids as precursor
ZHANG	Yi		Chul-woo KIM	Kyoto University	Developing copula based translational reliability methods for structural health monitoring
ZHAO	Shuo		Motomi TOICHI	Kyoto University	Study on Joint Attention that Serves as a Base of Human Social Function
ZHU	Mingshan		Tetsuro MAJIMA	Osaka University	High Performance Plasmon Enhanced Electrocatalytic Oxidation in Visible-Light Assisted Fuel Cell
ZHU	Yu		Chaobin DANG	The University of Tokyo	Study on high efficiency metal foam cooler for High Concentration Photovoltaic Thermal systems