

## 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 second recruitment of FY 2014-2015 JSPS Postdoctoral Fellowship Program for Foreign Researchers. Under this recruitment, 1285 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, 2014. 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			
ABD EL KADER	Tarek	Mohamad Mohamad	MASAHARU TAKIGAWA	Okayama University	Functional analysis of CCN2 independent modules and its application for osteoarthritis therapy
ADEGOKE	Oluwasesan		ENOCH Y. PARK	Shizuoka University	Construction of virus detection platform using nano-composites displayed molecular beacon probe
ALEKSANDROV	Lyubomir	Ivov	TAKAYUKI KOMATSU	Nagaoka University of Technology	Development of New Molybdenum and Tungsten-Based Glasses and Functional Crystallized Glasses
ALIMU	Tuoheti		TAKASHI KURODA	Tohoku University	Research and Investigation on the History of the Studies of Chinese Islam in Japan
AN	Jianbo		TADATSUGU TANIGUCHI	The University of Tokyo	Role of extracellular HMGB1 in inflammatory diseases and infection
ANWAR	Muhammad	Shahbaz	YOSHITERU MAENO	Kyoto University	Novel Superconducting Junctions Consisting of Spin-Triplet Superconductor and Ferromagnet
ASTHANA	Deepak		NOBUO KIMIZUKA	Kyushu University	Design and self-assembly of ferroelectric nanomaterials
BAE	Si-Young		HIROSHI AMANO	Nagoya University	Study on MOVPE Growth of InGaN/GaN Nanowire and Their Photovoltaic Application
CAO	Son	Van	TSUYOSHI NAKAYA	Kyoto University	The precision measurement of neutrino oscillations with the T2K experiment
CAO	Fangxiang		KUNIHICO YUASA	Osaka University	Study on the Stories of the Chu State Mentioned in Bamboo Slips from the Shanghai Museum Collection
CARNE	Arnau	Sanchez	SUSUMU KITAGAWA	Kyoto University	Imprinted PCP: Towards selective recognition and capture of drugs and biomarkers

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CHANTHAPHAN	Atthawut		HEIJI WATANABE	Osaka University	Development of high reliability SiC-MOSFETs based on advanced gate stack technology
CHEN	Yun-Ru		MIKA YOKOYAMA	Kyoto University	Paradoxes of the National Family Law in (Post-)Colonial East Asia : Taiwan as the Nexus
CHEN	Ying	Jen	KAZUO TANAKA	The University of Electro-Communications	Smart Control Strategies of Unmanned Aerial Robots for High-efficient Collaborative Rescue Missions
CHEN	Yi-Kai		MOTOMASA TANAKA	The Institute of Physical and Chemical Research	Deciphering autistic spectrum disorder by global translational analysis in dendritic spine
CHENG	Chi		TSUYOSHI TAKAGI	Kyushu University	Analysis and Design of Secure Network Coding Against Byzantine Adversaries
CHIANG	Chia-Ying		TADAYUKI TAKAHASHI	Japan Aerospace Exploration Agency	Towards A Complete Understanding of the X-ray Spectra of Black Hole Systems
CHUNG	Chonghwa		NAOKI MIZUNO	Kyoto University	Historical Study on Interaction of Japan-Korean Films during Colonial-Modern Era
CONNOLLY	Kevin	Thomas	NOBUHIKO KATAYAMA	The University of Tokyo	Confirmation of primordial gravitational waves in the polarization of cosmic microwave background
DAI	Zhengfei		HIROSHI KITAGAWA	Kyoto University	Development and application of hierarchical porous thin film based on coordination polymer and oxide
DANG	Thuyet	Quoc	TAKU NISHIMURA	The University of Tokyo	Organic colloid-facilitated cesium-137 transport through polluted soils in Fukushima
DAS	Sudhir	Kumar	YOICHI MURAKAMI	Tokyo Institute of Technology	Elucidation of photon upconversion mechanism in ionic liquids by the studies of molecular dynamics

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DESHMUKH	Dhananjay	Kumar	KIMITAKA KAWAMURA	Hokkaido University	Size distributions of organic compounds in marine aerosols over the western North Pacific
ELEWA	Yaser	Hosny Ali	YASUHIRO KON	Hokkaido University	Analysis of a novel fat-associated lymphoid tissue in mouse mediastinum
ELSHAMY	Ahmed	Mohamed	TAKAJI WAKITA	National Institute of Infectious Diseases	Generation of Robust Infectious System for Hepatitis C Virus Genotype 4
ESPINOZA CALDERON	Jorge	Luis	SHINJI NAKAO	Kanazawa University	Identification of auto-antigens of aplastic anemia using iPS cell-derived hematopoietic stem cells
FRATH	Denis		KENJI MATSUDA	Kyoto University	Self-assembly of photoresponsive monolayers controlled by complementary thermopolymerizable units
FU	Zhen-Guo		HIDEO AOKI	The University of Tokyo	Unconventional properties in the topological insulator/iron-based superconductor heterostructures
GAO	Ke		HIDEKI YORIMITSU	Kyoto University	Catalytic C-S Bond Transformations by NHC-based Transition Metal Catalysts
GOIT	Chandra	Shekhar	MASATO SAITOH	Saitama University	Advanced Mechanical Interface for Nonlinear Soil-Foundation Systems Supporting High-Rise Buildings
GOUDARZI	Houman		REIKO KISHI	Hokkaido University	Prenatal exposure to perfluorinated compounds and risk of congenital heart anomalies
GOVINDAN	Anandha Babu		NORITAKA USAMI	Nagoya University	Growth of high-quality multicrystalline silicon ingot for solar cells
GROOM	Scott	Vernon Charles	ATSUSHI KAWAKITA	Kyoto University	Evolution of sociality in Hymenoptera: A comparative transcriptomic approach to pheromone production

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GUIZANI	Mokhtar		NAOYUKI FUNAMIZU	Hokkaido University	Control of endotoxin in wastewater potable reuse process
HE	Yuhui		MASATERU TANIGUCHI	Osaka University	Development of a microheater-embedded gating nanopore device
HU	Hong-Song		MASAYOSHI NAKASHIMA	Kyoto University	Seismic performance of tall buildings with high-strength and concrete-filled steel coupled walls
HU	Lina		MASAFUMI KUZUYA	Nagoya University	Identification of A Novel Biomarker and Treatment for Injury-Related Restenosis
HUNG	Shih-Wei		JUNICHIRO SHIOMI	The University of Tokyo	Molecular dynamics investigation of nanoscale dynamic wetting
ISLAM	Md	Shariful	mitsugu TODO	Kyushu University	Development of articular layered tissue with biomechanical compatibility for regenerative medicine
IVINGS	Steven	Edward	PHILIP ANDREW SEATON	Hokkaido University	Repatriates from Karafuto and Hokkaido Society
JAERISCH	Johannes	Klaus Bernhard	KATSUHIKO MATSUZAKI	Waseda University	Thermodynamic formalism and geometry of Kleinian groups
JENA	Himanshu	Sekhar	KAZUSHI MASHIMA	Osaka University	Synthesis of Palladacycles Supported by Multi-dentate Ligands and Their Catalytic Application
JOACHIMCZAK	Michal	Jakub	TAKAYA ARITA	Nagoya University	Designing soft-bodied robots through artificial evolution and the use of developmental plasticity
JYSKE	Tuula	Marketta	KATSUSHI KURODA	Forestry and Forest Research Institute	Localization and quantification of bioactive stilbene glucosides in Norway spruce bark.

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KAR	Paramita		MASAKO KATO	Hokkaido University	Construction of luminescent Pt frameworks of a double-decker type and the chromic response
KATEROVA-LANDZHOVA	Zornitsa	Ivanova	RYOZO IMAI	National Agriculture and Food Research Organization	Nuclear poly(A)-binding protein-mediated regulation of shoot branching in Arabidopsis.
KHAN	Shabbir	Ahmad	ATSUSHI FUKUYAMA	Kyoto University	Kinetic full-wave analysis of electron cyclotron heating and current drive in tokamak plasmas
KHAN	Mohammad	Ashik Iqbal	YOSHIMICHI FUKUTA	Japan International Research Center for Agricultural Sciences	Study for co-differentiation of blast races and resistance genes in rice
KHAN	Md. Mizanur	Rahim	SHIRO ISSHIKI	Saga University	Molecular and genetic characterization of cytoplasmic male sterility in Solanum melongena
KIM	Sanghoon		TERUO ONO	Kyoto University	Study on current-induced domain wall motion with Dzyaloshinskii-Moriya interaction
KITTEL	Rebecca	Niluefer	KAORU MAETO	Kobe University	Systematics, taxonomy and evolution of the genus Bracon (Hymenoptera: Braconidae)
KOTAGIRI	Venkata	Rao	TAKUZO AIDA	The University of Tokyo	Development of Supramolecular Living Polymerization
KUMAR	Manoj		KOJI MIKAMI	Hokkaido University	Resilience Mechanisms of Seaweeds to Interactive Ocean Acidification and Global Warming Conditions
LEE	Joohwi		ISAO TANAKA	Kyoto University	Quantitative design of cation-mixed perovskite oxide materials by first principles calculations
LEE	Sangyoon		HIROYUKI SHIMADA	National Center for Geriatrics and Gerontology	Effect of late-life engagement in social activities on brain activation among older adults

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LEITE VICENTE	Claudia	Sofia	KOICHI HASEGAWA	Chubu University	Functional analysis of PWD Microbiome
LI	Jung-Min		REI IWATA	Kanazawa University	Contrastive Study on Linguistic Transmission and Change in Japan and China
LI	Chen		TERUYASU MIZOGUCHI	The University of Tokyo	Lattice defects in solar cells studied with aberration corrected STEM-EELS and theory
LI	Yanghui		MASAYUKI HYODO	Yamaguchi University	Development of a long term production method for methane hydrate in deep seabed
LIMLAHAPUN	Ponthip		HIROMICHI FUKUI	Chubu University	Development of Integrated Watershed Disaster Management System using GIS and Big Data Analysis
LIN	Pei-Hsin		MASAHIRO SATO	Hitotsubashi University	Industry Investigation and Industry Statistics in Japanese Taiwan
LIN	Chia-Hao		MASAHARU NODA	National Institutes of Natural Sciences	Identification of brain sensors for body-fluid osmolality control
LIN	Chin-Yu		KEIJI ITAKA	The University of Tokyo	Treatment of intractable brain disease using brain-targeting delivery of therapeutic nucleic acids
LIU	Xiaohai		MAKOTO OKA	Tokyo Institute of Technology	Investigating threshold phenomena in hadronic effective field theories
LUCHETTI	Alessandro		YASUNORI HAYASHI	The Institute of Physical and Chemical Research	Neural basis of the emotional gating of memory
MAJHI	Sullip	Kumar	TAKASHI SAKAMOTO	Tokyo University of Marine Science and Technology	Application of germ cell transfer for the propagation of endangered and cultured fish species

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MAJIK	Mahesh	Satu	NORIAKI MINAKAWA	The University of Tokushima	Development of nucleic acids-based therapeutic using 4'-thio and 4'-seleno nucleosides
MCMILLAN	Duncan	George Glenn	HIROYUKI NOJI	The University of Tokyo	Mapping biological proton pathways in novel membrane architectures
MENENDEZ SANCHEZ	Javier		TAKAHARU OTSUKA	The University of Tokyo	Precision nuclear calculations for dark matter searches, double-beta decay and exotic nuclei
MOHAMED	Ahmed	Mohamed Elmahdy Ahmed	TSUYOSHI HIRAJIMA	Kyushu University	SELECTIVE SEPARATION OF Cu-Mo ORE USING COLLECTOR BLENDS AND MICRO-BUBBLES
MOHAMMED	Abrar	Juhar	MAKOTO INOUE	The University of Tokyo	A Decomposable Social-Ecological Systems approach for analyzing decentralized forest governance
MOTAMEDI	Ali		NOBUYOSHI YABUKI	Osaka University	Sensor fusion with RFID and development of BIM model with defects for maintenance
MOYA QUIROGA	Vladimir	Gomez	AKIRA MANO	Tohoku University	Flood risk assessment in the Bolivian Amazonia under climate change and human development scenarios
NEDELESCU	Hermina		IZUMI SUGIHARA	Tokyo Medical and Dental University	Functional neuronal circuitry between the cerebellum, thalamus and basal ganglia for dystonia
NGUYEN	Hoai	Thi	HIROYUKI MORITA	University of TOYAMA	Studies on antibacterial agents from Vietnam plants based on the FtsZ's inhibitory activity
NISKANEN	Ilpo	Olavi	KENICHI HIBINO	National Institute of Advanced Industrial Science and Technology	Measurement of complex refractive index of solid by X-ray holography
OH	Sechang		JUNICHI SHODA	University of Tsukuba	Construction of Liver Rehabilitation Program for Non-Alcoholic Fatty Liver Disease by Exercise

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OH	Hwan Hee		NOBUTAKA HANAGATA	National Institute for Materials Science	Modulation of cytosolic DNA receptor targetting DNA adjuvant by nanoparticles
PAKDEL	Amir		TAKAO MORI	National Institute for Materials Science	Synthesis of Novel 2D Boron-Based Nanosystems and their Thermoelectric Energy Conversion Application
PALFIA	Miklos		SHIN-ICHI OHTA	Kyoto University	Gradient flows in metric spaces and applications
PANKOWSKI	Lukasz	Adam	KOHJI MATSUMOTO	Nagoya University	Universality theory and multiple zeta-functions
PENNYCOOK	Timothy	John	YUICHI IKUHARA	The University of Tokyo	Quantitative analysis of oxide interface structures by scanning transmission electron microscopy
PERCHE	Federico		KANJIRO MIYATA	The University of Tokyo	Development of intracellularly-targeted polymeric carriers for siRNA delivery to P-Body
PHAM	Giang	Quy	KEISUKE HANAKI	The University of Tokyo	Development of an integrated approach to assess flood risk in Vietnam under climate change impacts
PHNG	Li-Kun		NAOKI MOCHIZUKI	National Cerebral and Cardiovascular Center	Research on mechanical force underlying angiogenesis and vascular stabilization
PITTET	Florent		TOSHIKAZU HASEGAWA	The University of Tokyo	Evolutionary origin of mammal's attraction to infantile cues
POPP	Alexander		MARIE OSHIMA	The University of Tokyo	Advanced Finite Element Modeling of Arterial Placement Procedures
PURKAIT	Soma		MASANOBU KANEKO	Kyushu University	Arithmetic related to various half-integral weight modular forms



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QIAO	Liang		MASASHI KAWASAKI	The University of Tokyo	Novel photovoltaics based on oxide two-dimensional electron gases
QURESHI	Ayesha	Asloob	TAKAYUKI HIBI	Osaka University	Algebraic and Combinatorial Study on the binomial ideals arising from polyominoes
SHA	John	Chih Mun	GORO HANYA	Kyoto University	Variations in social system of Japanese macaques: comparison of captive, provisioned and wild groups
SHANG	Rui		EIICHI NAKAMURA	The University of Tokyo	Catalytic asymmetric synthesis based on iron-catalyzed C–H bond activation
SHELOMI	Matan		HIROFUMI WATANABE	National Institute of Agrobiological Sciences	Exploration of pectinases of insect origins: their diversity and evolution
SHEN	Weishou		KEISHI SENOO	The University of Tokyo	Nitrous oxide reducing microorganisms in upland soil: Isolation and application to mitigation
SHIN	Sang Phil		SHO SHIRAKASHI	Kinki University	Development of control measures against Kudoid myxozoa based on protease analyses
SOMLATA			TOMOYOSHI NOZAKI	National Institute of Infectious Diseases	Analysis of phosphatidylinositol phosphate signaling in pathogenesis of <i>Entamoeba histolytica</i>
SONG	Wonsuh		CHIAKI OGUCHI	Saitama University	Rock durability evaluation to biological weathering; case studies at Japanese and Korean heritages
SRISWASDI	Sira		WATARU IWASAKI	The University of Tokyo	Recent Independent Whole-Genome Duplications Highlight Mechanisms and Evolutionary Impacts of WGD
STEPPENBECK	David		HIROYOSHI SAKURAI	The Institute of Physical and Chemical Research	Investigating the robustness of the new N=34 'magic number' in exotic nuclei beyond Ca-54

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SZIDAROVSKY	Tamas	Janos	KAORU YAMANOUCI	The University of Tokyo	Dynamics of a hydrogen molecule in a molecular complex in intense laser fields
TAGUCHI	Alexander	Tomoaki	TOSHIO IWASAKI	Nippon Medical School	Signaling dynamics of the redox-linked cell proliferation system involving the prokaryotic mitoNEET
TOPOLINSKI	Berit	Annafrid	MITSUHIKO SHIONOYA	The University of Tokyo	Supramolecular chemistry of multiply cyclometallated non-planar aromatic hydrocarbons
TSERENDORJ	Munkhjargal		NAOAKI YOKOYAMA	Obihiro University of Agriculture and Veterinary Medicine	The development of novel combination chemotherapy for piroplasmiasis
UDDIN	Mohammed	Bashir	KAORU KURUSU	Kobe University	The Political Economy of Human Trafficking and Gender-Sensitive Human Security in Asia
VARQUEZ	Alvin Christopher	Galang	MANABU KANDA	Tokyo Institute of Technology	Expansion of urban meteorological advancements to megacities in developing countries
VAVRICKA	Christopher	John	HIROMASA KIYOTA	Okayama University	Development of anti-influenza medicines pointed to covalent inhibition of sialidases
VEA	Isabelle	Mifom	TOSHIHARU TANAKA	Nagoya University	Evolution and Hormonal Regulation of Sexual Dimorphic Metamorphosis in Scale Insects
VENUGOPAL	Gunasekaran		HIROKAZU FUKIDOME	Tohoku University	Development of Next Generation Giant Magneto-Resistive Spintronic Devices with Graphene Technology
VU	Tien	Manh	HISAKAZU MATSUSHIGE	Osaka University	Intra-family Resource Allocation and Human Capital Development
WANG	Zhen		JUN TANIMOTO	Kyushu University	Fundamental study on Evolutionary Game and its application to various subjects of Socio-Physics

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WEI	Rong-Jia		HIROKI OSHIO	University of Tsukuba	Field-induced electronic switching in heterometallic coordination polymers
WICKRAMARACHCHI MILLAWALAGE	Chamil	Sameera	KEIJI MOROKUMA	Kyoto University	Computational study of the reaction mechanism and selectivity of synthetic chiral metalloporphyrins
WIDIATMOJO	Arif		KYURO SASAKI	Kyushu University	Study on Particle Trace Method to Simulate Gas Diffusion in Rock Strata from CO <sub>2</sub> Geological Storage
WIRMVEM	Mengnjo	Jude	TAKESHI OHBA	Tokai University	Characterization of water resources in the urban cities of Douala and Yaounde in Cameroon
YAO	Jiafeng		MASAHIRO TAKEI	Chiba University	3D concentration measurement of micro particles by PT and clarification of flow characteristics
YELLA	Ramesh		TAKUMI FURUTA	Kyoto University	Direct Asymmetric Cross-Aldol Reaction of Aliphatic Aldehydes via Catalytic Substrate Discrimination
ZHANG	Kun		YOSHIFUMI NISHIDA	National Institute of Advanced Industrial Science and Technology	Development and Application of Database for Supporting Kids Design Product
ZHANG	Peng		FRANCO NORI	The Institute of Physical and Chemical Research	Majorana fermions in nanowires and their potential device applications
ZHOU	Rui		AKIRA KURISAKI	National Institute of Advanced Industrial Science and Technology	A novel therapy for pancreatic cancer with cancer stem cell-specific differentiation-inducing drugs
ZHU	Liwen		TOSHIO ANDO	Kanazawa University	High-speed AFM Analysis of Proteasome Degrading Substrate Proteins