

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 1st recruitment of FY 2018-2019 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1182 applications were received, among which 125 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, 2018. An award letter will be sent to the successful candidates. Unsuccessful candidates are not directly notified of their selection results. However, applicants (host researchers) can see their approximate ranking among all the applications through the JSPS Electronic Application System. Individual requests for selection results are not accepted.

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
ABDELRAHMAN	Mostafa	Abdelwahed Noureldein	EGYPT	Hisashi TSUJIMOTO	Tottori University	RNA-Seq and metabolomic analyses of Leymus chromosome added wheat lines showing heat tolerance
ADABIFIROOZJA EI	Esmacil		IRAN	Tohru SUZUKI	National Institute for Materials Science	Research for boundary between metals and Ceramics
AHMADI	Eltifat		IRAN	Ryosuke SUZUKI	Hokkaido University	Production of Titanium Metal Powder via Titanium Oxycarbonitride Prepared from Ilmenite
AKTER	Mst	Yeasmin	BANGLADES H	Tomotake KANKI	Niigata University	Elucidation of the phosphoregulatory mechanism of the mitophagy receptor Atg32
ALAM	Saadia	Binte	BANGLADES H	Syoji KOBASHI	UNIVERSITY OF HYOGO	Predictive diagnosis of children psychological disorders using spatiotemporal statistical model
BAIDILLAH	Marlin	Ramadhan	INDONESIA	Masahiro TAKEI	Chiba University	Establishment of early Lymphedema diagnosis and prediction by c-EIST and albumin transport model
BAPTISTA	Marcia	Lourenco	PORTUGAL	Helmut PRENDINGER	Research Organization of Information and Systems	Improving predictive maintenance by deep learning methods
BARHAM	Joshua	Philip	UNITED KINGDOM	Yasuo NORIKANE	National Institute of Advanced Industrial Science and Technology	Microwave-Assisted Continuous Flow Scale up of Transition Metal-free Cross Couplings
BARISH	Robert	Daniel	U.S.A.	Akira SUYAMA	The University of Tokyo	Analysis of counting and enumeration problems pertaining to physically realistic biological systems
BIKKINA	Srinivas		INDIA	Kimitaka KAWAMURA	Chubu University	Chemical/isotopic composition of dicarboxylic acids in the aerosols from the western North Pacific
BRAATHEN	Johannes Alf		NORWAY	Shinya KANEMURA	Osaka University	Probing new physics via higher order calculation of Higgs boson couplings

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CAPOCASA	Eleonora		ITALY	Raffaele FLAMINIO	National Institutes of Natural Sciences	Development of a frequency dependent vacuum squeezed source to improve the sensitivity of KAGRA
CHEN	Yanyan		CHINA	Ryozo YOSHINO	Research Organization of Information and Systems	Empirical Studies on Formation Mechanism of Pro-environmental Behaviors based on Survey Data
CHEN	Chong		CHINA	Takenori SASAKI	The University of Tokyo	Quantitative analyses of adaptations to the deep-sea using synchrotron CT and 3D reconstruction
CHEN	Chih-Yang		TAIWAN	Tadashi ISA	Kyoto University	Subcortical processing of visual fear stimuli in the common marmoset
CHI	Yuan		CHINA	Takehiko YOKOMIZO	Juntendo University	The roles of leukotriene receptor in pneumolysin-dependent acute lung injury
CHO	Youngji		KOREA (REP. OF KOREA)	Yasukazu MURAKAMI	Kyushu University	Measurements of electric field and polarization by electron holography with ultrahigh precision
CHOKSHI	Kaumeel	Sunilkumar	INDIA	Sousuke IMAMURA	Tokyo Institute of Technology	Elucidation of role of target of rapamycin (TOR) complex in nitrogen sensing in microalgae
CHOW	Zachary	Jing Shen	SINGAPORE	Kenji KABASHIMA	Kyoto University	Regulatory mechanism of skin immune response by Tregs
CIAZELA	Jakub		POLAND	Natsue ABE	Japan Agency for Marine-earth Science and Technology	Elucidation of the concentration of sulfide and metallic minerals in the oceanic lowercrust
CUNANAN	Jayson Mesitas	Baluyut	PHILIPPINES	Neal BEZ	SAITAMA UNIVERSITY	New developments on the restriction conjecture for the Fourier transform using multilinear analysis
DAS	Rasel		BANGLADESH	Hiroki AGO	Kyushu University	Controlled Synthesis and applications of nanocarbon materials beyond dimensions

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DAS	Subha		INDIA	Nobuhiro SUZUKI	Okayama University	Proof of concept in the new lifestyle (yado-kari nature) of yado-kari virus
DE	Shankhajit		INDIA	Ryuichi NISHINAKAMURA	Kumamoto University	Selective induction of functional renal epithelia from human iPS cell-derived nephron progenitors
DHAR	Prodyut		INDIA	Hiroshi KAMITAKAHARA	Kyoto University	Stimuli responsive cellulose nanocrystal via end group functionalization for biomedical applications
ELREEDY	Ahmed	Mohammed Nazem Elsayed	EGYPT	Manabu FUJII	Tokyo Institute of Technology	Carbon-metal nanocomposites for enhancement of biofuel production from waste activated sludge
ERIKSSON	Anders	Tobias	SWEDEN	Ben PUTTNAM	National Institute of Information and Communications Technology	Advanced Modulation and Signal Processing in Space-Division Multiplexed Optical Fiber Systems
ESPINAS	Nino	Asuela	PHILIPPINES	Ken SHIRASU	RIKEN	Molecular elucidation of chromatin-level regulation in plant immunity.
FATHI SALMI	Ebrahim		IRAN	Atsushi SAINOKI	Kumamoto University	Elucidation of time-dependent rock joint behaviour and development of the constitutive equation
FIFEL	Karim		FRANCE	Michael LAZARUS	University of Tsukuba	Neuronal Mechanisms of Sleep Alterations in Parkinson's Disease: A Circuit Based Investigation
FONG	Heather	Kin Yee	CANADA	Kipp CANNON	The University of Tokyo	Improving gravitational wave black hole and neutron star searches using realistic population models
GAVRANKAPETA NOVIC-REDZIC	Jasmina		BOSNIA AND HERZEGOVINA	Taro TSUKIMURA	Doshisha University	The roots of today's socio-political tensions: Identity politics in Okinawa and Bosnia 1945-1995
GERMINARIO	Luigi		ITALY	Chiaki OGUCHI	SAITAMA UNIVERSITY	Multisite investigation of stone weathering in Underground built heritage

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GOMULYA	Widianta		INDONESIA	Yuichiro KATO	RIKEN	Electrically driven laser by carbon nanotubes and photonic crystals
GUTIERREZ ORTEGA	Jose Said		MEXICO	Masashi MURAKAMI	Chiba University	The adaptive divergence of cycads clarifies the genomic origins of ecological speciation
HA	Chien	Van	VIET NAM	Motoaki SEKI	RIKEN	Functional analysis of ethanol-mediated high-salinity stress adaptation and memory in plants
HAASE	Frederik		GERMANY	Shuhei FURUKAWA	Kyoto University	Dynamic covalent chemistry on metal-organic polyhedra towards fabricating soft porous materials
HASAN	Mahadi	Mohammad	BANGLADESH	Kentaro KOGURE	Tokushima University	Confirmation of the molecular mechanism of cytoplasmic drug delivery via faint electricity
HEREDIA-CHIMENO	Carlos		SPAIN	Takuji ABE	Kyoto Prefectural University	"Decline-Narratives" in the Time of Change: The Late Republican and Early Imperial Roman Explanation
HONG	Wei		CHINA	Qiang XU	National Institute of Advanced Industrial Science and Technology	Study of high-performance energy storage materials
HONG	Sihui		CHINA	Chaobin DANG	The University of Tokyo	Development on efficient miniature flat heat pipes for high power electronic cooling
HU	Shiqian		CHINA	Junichiro SHIOMI	The University of Tokyo	Control of coherent phonon transport in low dimensional materials
HUYNH	Nam	Cong Nhat	VIET NAM	Hiroshi TAKAYANAGI	The University of Tokyo	Identification of a novel pathogenic cell subset in rheumatoid arthritis
IBRAHIM	Marwa	Ibrahim Khalil	EGYPT	Hussein Hassan ALY	National Institute of Infectious Diseases	Post-transcriptional regulation of viral RNA and its application as a new anti-viral approach.

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ISLAM	Md	Saiful	BANGLADESH	Toru FUJIWARA	The University of Tokyo	Epigenetic and post-transcriptional regulation of nutrient transport
ISLAM	Md.	Aminul	BANGLADESH	Haruki KITAZAWA	Tohoku University	Epigenetic modifications by porcine derived immunobiotics for livestock healthy growth strategy
ISLAM	Md. Zohurul		BANGLADESH	Yutaka KITAMURA	University of Tsukuba	A New Technique for the Processing of Green Tea by Micro Wet Milling and Spray Freeze Drying
JUNG	Songee		KOREA (REP. OF KOREA)	Hiroyuki SHIMADA	National Center for Geriatrics and Gerontology	Effect of promote outdoor using smartphone apps on depressive symptoms and cognitive function
KEARNEY	Sean	Michael	U.S.A.	Kenya HONDA	KEIO UNIVERSITY	Identifying genomic determinants in the interactions between Akkermansia and host immunity
KHAN	Behlol	Ayaz Ahmed	INDIA	Nobuhiro NISHIYAMA	Tokyo Institute of Technology	Development of ligand-installed nanoparticles for targeting cancer cells
KIM	Hongseop		KOREA (REP. OF KOREA)	Takafumi NOGUCHI	The University of Tokyo	Ultra-high-performance Fiber-reinforced Concrete Improving Safety of Infrastructures
KIM	Yonghyun		KOREA (REP. OF KOREA)	Mitsue MIYAO	Tohoku University	Survey of miRNA molecules involved in responses to elevated CO2 of rice plants
KIM	Beob Soo		KOREA (REP. OF KOREA)	Kanjiro MIYATA	The University of Tokyo	Development of polymeric materials for mRNA stabilization and their application for in vivo delivery
KIM	Gyu Min		KOREA (REP. OF KOREA)	Tsutomu MIYASAKA	Toin University of Yokohama	3D nanostructured multiple plasmon electrodes for perovskite-based solar cells and x-ray detection
KO	Sheng-Chieh		TAIWAN	Takahiro TAJI	Kyoto University	THE CONNECTIONS AND ACCEPTANCE OF JAPANESE MODERNISM IN POSTWAR TAIWANESE ARCHITECTURE

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KOEPPL	Dominik		GERMANY	Shunsuke INENAGA	Kyushu University	Managing large-scaled data with text compression and combinatorics
KRANTHIRAJA	Kakaraparthi		INDIA	Akinori SAEKI	Osaka University	Design and characterization of multi-use organic molecules for photoelectric conversion
KUMAR	Rajesh		INDIA	Yoshiyuki SUDA	Toyohashi University of Technology	Synthesis of 2D and 3D Novel-Carbon-Based Materials for the Application in Fuel Cells
LACHANCE-QUIRION	Dany		CANADA	Yasunobu NAKAMURA	The University of Tokyo	Exploring the architecture of quantum magnonics for transducing quantum information
LEE	Seung-Hun		KOREA (REP. OF KOREA)	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Analysis of the lifecycle of Babesia in ticks and development of transmission blocking vaccines
LI	Peng		CHINA	Shiro BIWA	Kyoto University	Mathematical analysis of elastic wave control in phononic structures and acoustic metamaterials
LI	Yang		CHINA	Kenichi ISHIKAWA	The University of Tokyo	First-principles simulation of molecules in an intense laser field
LI	Zijie		CHINA	Toru FUNAYAMA	Kyoto University	Fundamentally reevaluating the Chinese Buddha-Nature thought during the 5th and the 8th centuries
LI	Yuanming		CHINA	Kenichiro ITAMI	Nagoya University	Visible Light Mediated Cyclodehydrogenation of Arenes
LI	Yujie		CHINA	Hyoungseop KIM	Kyushu Institute of Technology	Development of Underwater Image Super-resolution Based on Deep Learning
LIM	Hong En		MALAYSIA	Kazunari MATSUDA	Kyoto University	Artificial van der Waals heterostructure for valley-spintronics

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LIN	Wen-Jing		TAIWAN	Yuko YOTSUMOTO	The University of Tokyo	How social information influence perceptual decision making
LIN	Mang		CHINA	Naohiro YOSHIDA	Tokyo Institute of Technology	Understanding the nitrogen cycle over the Tibetan Plateau using a novel isotopic approach
LIU	Ming-Han		TAIWAN	Toshiharu TERANISHI	Kyoto University	Fabrication of visible-light driven heterostructured Cu ₂ O/Au/WO ₃ photocatalyst for water splitting
LIU	Tao		CHINA	Franco NORI	RIKEN	Protecting a single solid-state spin from a spin bath in diamond for quantum sensing
LUPKE	Felix	Lukas	GERMANY	Shuji HASEGAWA	The University of Tokyo	Multi-probe STM study of electronic/spin transport in topological edge states
MAIREPATI	Palati		CHINA	Yoko AIDA	RIKEN	Investigation of bovine leukemia virus-induced leukomogenesis as a risk factor for human disease
MAKEDONSKYI	Ievgen		UKRAINE	Syu KATO	Kyoto University	Geometric, combinatorial, and representation theoretic properties of semi-infinite flag varieties
MALEKJAFARIAN	Abdollah		IRAN	Kyosuke YAMAMOTO	University of Tsukuba	Laboratory and Field Experiments for Indirect Bridge Monitoring Technologies based on STFDD and EMD
MANISEKARAN	Ravichandran		INDIA	Yasushi TAKEMURA	Yokohama National University	Fabrication and characterization of multi-functional magnetic nanoparticles for selective delivery
MANNA	Biplab		INDIA	Takashi UEMURA	Kyoto University	Preparation of MOF-Polymer Hybrids for Enhanced and High Anisotropic Protonic Conductivity
MANSBRIDGE	Michael	Patrick	U.S.A.	Katsuo TAMAOKA	Nagoya University	Interaction of language frequencies and working memory for Japanese embedded clause processing

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MANUEL	Ryan	Paul	AUSTRALIA	Miwa HIRONO	Ritsumeikan University	Anatomy of China: A Bureaucratic Political Model of the Chinese Political System
MARCINIAK	Katarzyna		POLAND	Seishi KARASHIMA	Soka University	A new edition of the Mahavastu --- in search of the source of Mahayana Buddhism
MAURYA	Arvind		INDIA	Dai AOKI	Tohoku University	High quality single crystal growth and Fermiology in f-electron compounds without inversion symmetry
MEENAKSHI SUNDARAM	Rajyashree		INDIA	Kenji HATA	National Institute of Advanced Industrial Science and Technology	Toward developing light CNT-Cu wire conductors with electrical performances rivaling Cu
MOHAMMAD	Rhudaina	Zakaria	PHILIPPINES	Karel SVADLENKA	Kyoto University	Theory and Applications of Anisotropic Interfacial Network Evolution
MONDAL	Amit	Kumar	INDIA	Satoshi HORIKE	Kyoto University	Syntheses of proton conductive metal-organic framework involving single-ion magnet behavior
MUTHUSUBASH	Kavitha		INDIA	Takio KURITA	Hiroshima University	Analysis of PET images by deep learning for Alzheimer disease
NAWAZ	Allah		PAKISTAN	Takashi NAKAGAWA	University of Toyama	Role of macrophages in regulation of muscle progenitor cells through metabolic reprogramming
NIE	Yunzhong		CHINA	Hideki TANIGUCHI	Yokohama City University	Hematopoietic-hepatic symbiosis in developing and differentiating with human iPSC derived liver buds
PADHI	Aditya	Kumar	INDIA	Kam ZHANG	RIKEN	Designing high affinity therapeutic nanobodies through the incorporation of unnatural amino acids
PANDA	Sandeep		INDIA	Naoko OKIBE	Kyushu University	Biotechnological Exploitation of Urban Minerals as Critical/REE Metal Resources

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PATHAK	Sarthak	Mahesh	INDIA	Hajime ASAMA	The University of Tokyo	360 Degree Disaster Perception
PHAN	Hop	Van	VIET NAM	Futoshi KURISU	The University of Tokyo	Understanding Mechanisms of Anaerobic Benzene Degradation by Genetic Analysis
QIN	Yu		CHINA	Yu-you LI	Tohoku University	Innovation and upgrading of bioenergy generation system for waste biomass to energy
QUINTERO NODA	Carlos	Cristo	SPAIN	Toshifumi SHIMIZU	Japan Aerospace Exploration Agency	New insights on solar polarimetry as preparation for future solar missions: Sunrise/SCIP
RAMAMONJISOA	Noelikanto		MADAGASCAR	Akira MORI	Kyoto University	Role of diversified amphibians on ecosystem functioning in forest streams in Madagascar
RAY	Mayukh	Kumar	INDIA	Satoru NAKATSUJI	The University of Tokyo	Experimental investigation of the novel topological quantum magnets
REJA	Shahi	Imam	INDIA	Kazuya KIKUCHI	Osaka University	Cysteine protease activated chemical toolboxes for intravital imaging of bone metastasis
RIZK	Mohamed	Abdo Mohamed Hassan	EGYPT	Ikuo IGARASHI	Obihiro University of Agriculture and Veterinary Medicine	Development of a novel nanotubes gene delivery system to suppress invasion process of Babesia
ROSAS SANCHEZ	Alfredo		MEXICO	Daisuke HASHIZUME	RIKEN	Experimental study on mechanism of electronic stabilization of heavier ketone congeners
RYAN	Joseph	Richard	U.S.A.	Akira SEIKE	Okayama University	Comparative archaeological research on military and social organization during state formation
SANCHEZ-MARTIN	Pablo		SPAIN	Masaaki KOMATSU	Niigata University	p62-mediated regulations of autophagy and the Keap1-Nrf2 system

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SANTHAKUMAR	Syama		INDIA	Ayako OYANE	National Institute of Advanced Industrial Science and Technology	Area-specific gene delivery on apatite-coated 3D scaffold for vascularized muscle tissue engineering
SANYAL	Joy		INDIA	Shinjiro KANAE	Tokyo Institute of Technology	The impact of dams vis-a-vis climate and land use changes on hydrologic and geomorphic responses
SASMAL	Sourav	Kumar	INDIA	Yasuhiro TAKEUCHI	Aoyama Gakuin University	Mathematical Modeling and analysis for T-cell mediated immunity on dengue infection
SEKULIC	Vladislav		CANADA	Thomas MCHUGH	RIKEN	Identifying and modeling oscillatory circuit control of memory
SINJAB	Faris		UNITED KINGDOM	Takuro IDEGUCHI	The University of Tokyo	Bio-imaging with high-speed coherent Raman spectro-microscope
SOE	Khin Myat		MYANMAR	Takeo YAMAKAWA	Kyushu University	Evaluation of Myanmar Rhizobial isolates and endophytic actinomycetes on leguminous crop production
SONG	Jae-Han		KOREA (REP. OF KOREA)	Nobuyuki NAKAZAWA	Yamagata University	Japan's Acceptance of Rhyme Book in Middle-Modern period and the Tranfomation of Hokkekyo-Jionngaku
SOUFI	Mazen		SYRIA	Hidetaka ARIMURA	Kyushu University	Decision-making support system for lung cancer treatment based on radiomics comparable to genomics
STEWART	Neil	James	UNITED KINGDOM	Shingo MATSUMOTO	Hokkaido University	In vivo metabolic MRI of 13C-labeled pyruvate by side arm parahydrogen induced polarization
SUDRAJAT	Hanggara		INDONESIA	Hiroshi ONISHI	Kobe University	Science behind Restricted Electron-Hole Recombination in Metal-Doped NaTaO3 Photocatalysts
TAN	Tze Hao		MALAYSIA	Ken SAKAI	Kyushu University	Light Assisted Carbon Dioxide Hydrogenation with Multinuclear Metal Complex Heterogeneous Catalyst

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THIYAGARAJAN	Jothi	Saravanan	INDIA	Mayuko NISHIO	Yokohama National University	Probabilistic based structural performance assessment by utilizing bridge dynamic monitoring data
TSAO	Fu An		CANADA	Makoto YAMASHITA	Nagoya University	Synthesis and application of biphilic boryl anion
USOV	Pavel		AUSTRALIA	Masaki KAWANO	Tokyo Institute of Technology	Utilisation of Isocyanide-based Ligands for the Construction of Conductive Coordination Frameworks
VASILEV	Filipp		RUSSIA FEDERATIO N	Takanobu OTOMO	Kawasaki Medical School	Molecular basis of lysosomal dysfunction clarified by the analysis of rare genetic disorders
VIENS	Loic		FRANCE	Tomotaka IWATA	Kyoto University	Ground Motion Prediction of Megathrust Earthquakes and Application to Earthquake Early Warning
WANG	Xin		CHINA	Chang-jie JIANG	National Agriculture and Food Research Organization	Functional analysis of a novel ER stress protein GmHCP1 in flooding and drought responses in soybean
WANG	Jie		CHINA	Yusuke YAMAUCHI	National Institute for Materials Science	Architectural design of layered nanomaterials with mesopores for energy storage devices
WARREN	Donald	Cameron	U.S.A.	Shiu hang LEE	Kyoto University	Numerical Study of Emission Mechanisms and Cosmic Ray Acceleration in Gamma Ray Bursts
WOO	Hanwool		KOREA (REP. OF KOREA)	Atsushi YAMASHITA	The University of Tokyo	Development of A Driving Support System Based on Estimation of Personal Driving Characteristics
XIANG	Yang		CHINA	Yuji KOETAKA	Kyoto University	Seismic performance and design methodology of steel structures with LVEM-isolated floor
XIONG	Qilin		CHINA	Takayuki KITAMURA	Kyoto University	Interface Fracture in Dissimilar Nanostructures Induced by Ultrafast Laser Irradiation

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XU	Jian		CHINA	Setsuhisa TANABE	Kyoto University	Development of novel near-infrared persistent phosphors for bio-imaging
XUE	Mianqiang		CHINA	Akihiro TOKAI	Osaka University	Exploring a new paradigm of chemical risk management
ZHOU	Wei		CHINA	Zhaomin HOU	RIKEN	Synthesis of Chiral Half-Sandwich Rare-Earth Complexes and Application to Nantioselective Reactions
ZHOU	Yu		CHINA	Shigehiro SERIZAWA	Osaka University	Research on Mechanism Design