

List of Fellows Selected through Open Recruitment in Japan

Humanities

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2018-2019 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1267 applications were received, among which 115 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in the middle of August, 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				
NGUYEN	Vu Quynh Nhu		VIET NAM	Hiroshi ARAKI	National Institutes for the Humanities	Renewed Japanese classical studies in the global era-Research on educational practice in Vietnam-
XIONG	Kexin		CHINA	Sachiko KIYAMA	Tohoku University	Neural basis for language processing and visuospatial development within Chinese-script bilinguals
KHAREL	Dipesh		NEPAL	Masako TANAKA	Sophia University	Creating parallel society?: Capturing ethnoscape through visual ethnography of South Asians in Japan
RUESCH	Markus		GERMANY	Yoshiyuki INOUE	Ryukoku University	How to live contingency: The various faces of Amida belief in contemporary Japan and their origins.
RICHTER	Kristine	Korzow	U.S.A.	Shinya SHODA	National Institutes for Cultural Heritage, Nara National Research Institute for Cultural Properties	Kettles of Fish: A novel biomolecular archaeology approach to predict fish population responses
KIM	Young Long		KOREA (REP. OF KOREA)	Hirokazu TOEDA	Waseda University	Law and Literature: Rethinking Tokyo Trial in Modern and Contemporary Japanese Literature

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Social sciences

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ANLLO	Hernan	Esteban	ARGENTINA	Katsumi WATANABE	Waseda University	Hypnosis as top-down control: An approach from cognitive psychology
WOO	Yu Jin		KOREA (REP. OF KOREA)	Ikuo KUME	Waseda University	The role of migration in combating demographic changes
LEGENDRE	Alexandre	Michel	FRANCE	Tadashi NISHIHIRA	Kyoto University	Overcoming the Mind-Body Problem by Analysing the Skill Acquisition Process
NGUYEN	Minh	Hue	VIET NAM	Yoshiki MATSUI	Yokohama National University	Operations management practices and sustainability: a comparative study between Japan and Vietnam

List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

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KOSKIVIRTA	Jean-Stefan	Harry, Antero	FRANCE	Naoki IMAI	The University of Tokyo	Geometry of Shimura varieties and mod p automorphic forms via G-zips
RUJ	Trishit		INDIA	Kenji KAWAI	The University of Tokyo	EARLY MARTIAN TECTONIC EVOLUTION; A STUDY THROUGH GEOLOGICAL AND GEOPHYSICAL PERSPECTIVES
BLONDEAU-FOURNIER	Olivier		CANADA	Junichi SHIRAISHI	The University of Tokyo	Macdonald superpolynomials and representations of super conformal algebras
PEI	Bin		CHINA	Yuzuru INAHAMA	Kyushu University	Stochastic dynamics for singularly perturbed stochastic PDEs with fractional Brownian motions
ZHANG	Yun-Long		CHINA	Shinji MUKOHYAMA	Kyoto University	Black Holes and Cosmology in Holographic Duality and Gravitational Waves
KOPPARLA	Pushkar		INDIA	Takeshi IMAMURA	The University of Tokyo	Oscillations of the Venus Climate System
WANG	Zhe		CHINA	Ryusuke MATSUNAGA	The University of Tokyo	Study of nonequilibrium dynamics of fractional spinon excitations in quantum magnets
HU	Chin-Ping		TAIWAN	Yoshihiro UEDA	Kyoto University	A Comprehensive Investigation of Accreting Compact Objects beyond the Eddington Limit
OJO	Adebayo	Oluwaseun	NIGERIA	Kazunori YOSHIKAWA	Hokkaido University	The continental lithosphere of Africa: a comprehensive study toward a new 3-D seismological model
ADOJOH	Onema	Christopher	NIGERIA	Tetsuji MUTO	NAGASAKI UNIVERSITY	Experimental autostratigraphy of the Quaternary Niger Delta in Equatorial West Africa
DAS	Arindam		INDIA	Shinya KANEMURA	Osaka University	Testing the BSM models at the colliders and finding connections with Dark Matter and Leptogenesis

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PHAN	Anh	Duc	VIET NAM	Katsunori WAKABAYASHI	Kwansei Gakuin University	Theoretical studies of plasmonic and thermal properties in complex nanostructures
KEYA	Jakia	Jannat	BANGLADESH	Akira KAKUGO	Hokkaido University	Development of biomolecular motor based autonomous molecular-robots and its potential application.
ZHOU	Qidong		CHINA	Yutaka USHIRODA	High Energy Accelerator Research Organization	Search for Lepton-Flavor Violation via tau lepton decays
SANCHEZ ROA	Diana	Catalina	COLOMBIA	Hiroshi SAKUMA	National Institute for Materials Science	The molecular forces behind earthquakes: Is mineral structure driving fault stability?
KIRAL	Eren	Mehmet	TURKEY	Maki NAKASUJI	Sophia University	An algebro-combinatorial approach to Kloosterman sums
PAKHIRA	Santanu		INDIA	Takashi SUZUKI	Hiroshima University	In search for Skyrminion-like topological spin textures in non-centrosymmetric compounds beyond cubic
PAN	Xingchen		CHINA	Katsumi TANIGAKI	Tohoku University	Inovation of topological materials and electronic properies

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AMORES SEGURA	Marco		SPAIN	Hiroshi NISHIHARA	The University of Tokyo	Unveiling intercalation mechanism of coordination frameworks for energy storage technologies
LEE	Sujin		KOREA (REP. OF KOREA)	Takeshi KAWAMURA	The University of Tokyo	A novel approach using aptamers for histone code analysis
BASUMATARY	Biju		INDIA	Hiroyuki FURUTA	Kyushu University	Synthesis of hexa-coordinated doubly N-confused porphyrins toward Cu(IV)
ZHENG	Qifeng		CHINA	Atsuo YAMADA	The University of Tokyo	Synthesis of Fire-Extinguishing High-Voltage Electrolytes for Safe Batteries
MO	Zhenbo		CHINA	Zhaomin HOU	RIKEN	Synthesis of New Titanium Complexes for Application to Dinitrogen Activation
YAO	Mingshui		CHINA	Susumu KITAGAWA	Kyoto University	Development of Room Temperature-Operative Chemiresistive Sensors by MOF-on-MOF Multilayer Thin Films
DEY	Nilanjan		INDIA	Shohei SAITO	Kyoto University	Development of flexible flapping fluorophores for molecular structural biology
MISAL CASTRO	Luis Carlos		VENEZUELA	Kazushi MASHIMA	Osaka University	C-H Bond Activation/Functionalization Reactions by Well-defined Yttrium and Hafnium Catalysts
KHAN	Sovann		CAMBODIA	Kenichi KATSUMATA	Tokyo University of Science	Development of QDs/nanosheet heterostructures for visible-light photocatalysis for water-splitting
LI	Wei		CHINA	Zhaomin HOU	RIKEN	Dearomative Functionalization of Arenes by Rare-Earth-Catalyzed C-H Additions
BAGAL	Dattatraya	Bhausheb	INDIA	Susumu SAITO	Nagoya University	Synthesis of non-standard peptides by dehydration catalysts mimicking triphosphate of ATP

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SARKAR	Himadri	Sekhar	INDIA	Shin MIZUKAMI	Tohoku University	Development and Application of Photoreversible Protein Labeling System
LEE	Hayoon		KOREA (REP. OF KOREA)	Atsushi WAKAMIYA	Kyoto University	Development of Organic Semiconductors for Perovskite Optoelectronic Devices
TRUONG	Minh Anh		VIET NAM	Atsushi WAKAMIYA	Kyoto University	Development of Transparent Organic Semiconductors for Highly Efficient Perovskite Solar Cells
LEE	Eunji		KOREA (REP. OF KOREA)	Yoichi HABATA	Toho University	Development of Novel Molecular Machines based on Metal-Assisted Supramolecular Assembly

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SAWANT	Sandesh	Yashawant	INDIA	Keiko SASAKI	Kyushu University	Development of graphene nanomesh-based anode materials in Li-ion capacitor
HU	Jianhui		CHINA	Ken'ichi KAWAGUCHI	The University of Tokyo	Understanding electrical, thermal and structural performance of new membrane building integrated PVs
S	Anantharaj		INDIA	Suguru NODA	Waseda University	Mechanistic study on metal chalcogenides catalyzed water splitting for efficient hydrogen production
AVIT	Geoffrey		FRANCE	Hiroshi AMANO	Nagoya University	InGaN nanorod-based energy-harvesting/energy-saving devices/systems
WANG	Yi		CHINA	Kohei NAGAI	The University of Tokyo	Evaluating bond performance of repaired concrete structures based on electrical analysis
FARAG	Ahmed	Lotfy Elrefai Mohamed Mohamed	EGYPT	Takashi YOSHIDA	Kyushu University	Magnetic Fractionation of Magnetic Nanoparticles for Optimal Performance in Biomedical applications
GOGOI	Pranjal Kumar		INDIA	Kazutomo SUENAGA	National Institute of Advanced Industrial Science and Technology	Investigation of Optical Properties of 2D Materials Using Electron Energy Loss Spectroscopy
TAI	Yi-Hsin		TAIWAN	Jean jacques DELAUNAY	The University of Tokyo	Nanojet enhanced fiber sensor with dielectrophoretic concentration for rapid bacteria identification
TAN	Hui Ling		MALAYSIA	Tatsumi ISHIHARA	Kyushu University	Visible Light Triggered Z-scheme Overall Water Splitting based on Inorganic-Organic Semiconductor
ZHENG	Ming		CHINA	Tomoyasu TANIYAMA	Nagoya University	Electrically driven perpendicularly magnetized multiferroics for low-power spintronics
WANG	Chao-Hung		TAIWAN	Tatsuro MAEDA	National Institute of Advanced Industrial Science and Technology	Hetro-integration of low power consumption Ge-based FET and memory devices for IoT era

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TRENTIN GONCALVES	Rodolfo		BRAZIL	Hideyuki SUZUKI	The University of Tokyo	Development of analysis method of vortex induced coupled response of floater-mooring system
CUI	Jianlei		CHINA	Hironori TOHMYOH	Tohoku University	An Investigation into the Controllable Fabrication of Super Graphene Covalent Network Structures
WANG	Ying-Chiao		TAIWAN	Kazuhito TSUKAGOSHI	National Institute for Materials Science	Drastic stability improvement of perovskite solar cells via solution-processed 2D atomic nanolayers
LIN	Tzu-Ying		TAIWAN	Mutsumi SUGIYAMA	Tokyo University of Science	Robust terrestrial photovoltaics in space: High-efficiency radiation-resistant CIGS solar cells
KANG	Taeun		KOREA (REP. OF KOREA)	Shinichiro ONDA	Kyoto University	Study on driftwood disaster with floods to make the hazard map and to plan the mitigation strategies
SAHU	Netrananda		INDIA	Takahiro SAYAMA	Kyoto University	Impact of Hydro-Power Plants and Climate Change on River Flow Regimes in the Himalaya Mountains
YE	Tiannan		CHINA	Hideo HOSONO	Tokyo Institute of Technology	Pd-based rare-earth intermetallic nanoparticles for carbon-carbon cross-coupling reactions
SHARMA	Alka		INDIA	Yuichiro KATO	RIKEN	Bandgap renormalization in suspended carbon nanotube devices
SUN	Ning		CHINA	Xin XIN	Okayama Prefectural University	Trajectory Planning and Control for Underactuated Dual Collaborative Overhead Crane Systems
VAN LOO	Arjan	Ferdinand	NETHERLANDS	Yasunobu NAKAMURA	RIKEN	Exploiting nonlinear oscillators for quantum information processing and measurement
HAMMAM	Ahmed	Mohammed Mohammed	EGYPT	Hiroshi MIZUTA	Japan Advanced Institute of Science and Technology	Single-nanometer-scale graphene tunnel field effect transistors for ultra-low-power nanoelectronics

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NAYAK	Pranati		INDIA	Seiya TSUJIMURA	University of Tsukuba	To what extent laser scribed graphene can support the enzyme for bioelectrochemical applications
TKACHENKO	Georgiy		UKRAINE	Sile NIC CHORMAIC	Okinawa Institute of Science and Technology Graduate University	Near-field polarization analysis for ultrathin optical fibers
WANG	Zheng		CHINA	Kazunori KATAOKA	Institute of Industrial Promotion Kawasaki	Polymer micelles for photothermal/suicide gene cancer therapy coupled with checkpoint blockade
PATIL	Amar	Maruti	INDIA	Guoqing GUAN	National University Corporation HIROSAKI UNIVERSITY	Creation of pseudocapacitive material complexed with graphene oxide for supercapacitor
LIU	Feng		CHINA	Qing SHEN	The University of Electro-Communications	Fundamental Study and Optoelectronic Application of Defect-Free Low-Lead Perovskite Nanocrystals
DEI TOS	Diogene Alessandro		ITALY	Yasuhiro KAWAKATSU	Japan Aerospace Exploration Agency	Ballistic Capture Approach and its Application to Martian Moons eXploration (MMX)
NAIK	Keerti	M	INDIA	Hiroshi INOUE	Osaka Prefecture University	Multifunctional Durable Nanostructured Redox Electrocatalysts on Conducting Titanium Oxide Support
PAUL	Bappi		INDIA	Junji NAKAMURA	University of Tsukuba	Development of heterogeneous Electrocatalysts towards reduction of carbon dioxide into green fuels
SHUAI	Jing		CHINA	Takao MORI	National Institute for Materials Science	Control of Nanopores and Scattering Mechanisms to Develop Enhanced Thermoelectric Materials

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DEMARIE	Tommaso	Federico	ITALY	Keisuke FUJII	Kyoto University	Secure and verifiable protocols for near-term quantum computers
RAMASAMY	Saravanakumar		INDIA	Hiroaki MUKAIDANI	Hiroshima University	A New Development of Consensus Control for Multi-Agent System Based on Dynamic Game Theory
HOSSAIN	Md Belayat		BANGLADESH	Syoji KOBASHI	UNIVERSITY OF HYOGO	Artificial Intelligence based computer-aided orthopaedic surgical navigation system
WANG	Zheng		CHINA	Shin'ichi SATOH	Research Organization of Information and Systems	Known Re-identification, Unknown Detection, and Their Behavior Discovery

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Biological sciences

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Family Name	First Name	Middle Name				
PANDEY	Bharati		INDIA	Yutaka KURODA	Tokyo University of Agriculture and Technology	Large scale molecular dynamics and experimental assessment of the amyloidogenicity of IAPP peptides
BALLARIN	Francesco		ITALY	Katsuyuki EGUCHI	Tokyo Metropolitan University	Exploring the role of ancient environmental events in the evolution of endemic troglodytic fauna
HEDRICK	Brandon	Pershing	U.S.A.	Shinichi FUJIWARA	Nagoya University	Assessing the evolution of flight ability in birds using multiple functional-morphological indices
WANG	Zhaowei		CHINA	Tatsushi IGAKI	Kyoto University	Genetic dissection of miRNA-mediated cell competition
RAHMAN	Md.	Moshiur	BANGLADESH	Carlos augusto STRUSSMANN	Tokyo University of Marine Science and Technology	Parental effects on transgenerational epigenetic inheritance and offspring fitness in fish
CONTU	Viorica	Raluca	ROMANIA	Tomohiro KABUTA	National Center of Neurology and Psychiatry	Degradation of nucleic acids during non-canonical autophagy: mechanisms and implications in disease
WU	Jiaqi		CHINA	Masato NIKAIDO	Tokyo Institute of Technology	Understanding of biodiversity based on the genome wide comparative analysis
MIRYEGANEH NODEHI	Matin		IRAN	Hidetoshi SAZE	Okinawa Institute of Science and Technology Graduate University	De novo genome assembly, methylome and transcriptome dynamics of mangrove in natural environment

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SEKAR	Karthikeyan		INDIA	Keiko SASAKI	Kyushu University	Visible light driven photocatalyst for degradation of pharmaceutical wastewaters
KUMARI	Puja		INDIA	Koji MIKAMI	Hokkaido University	Acquisition and maintenance of tolerance to combinational environmental stresses in seaweeds
ASADUZZAMAN	Md		BANGLADESH	Shuichi ASAKAWA	The University of Tokyo	Unraveling the molecular basis of indeterminate growth of skeletal muscle in fish
YANG	Guosheng		CHINA	Yoshio TAKAHASHI	The University of Tokyo	Cesium-enriched particles from Fukushima Nuclear Power Plant: genesis, migration, and impact
OOI	Lia		MALAYSIA	Izumi MORI	Okayama University	Molecular physiological study on integrated plant defense systems against airborne pollutants
CHEN	Bin		CHINA	Kenshi HAYASHI	Kyushu University	Total gas sensing system for environmental pollution evaluation
HO	Ying-Ning		TAIWAN	Chihiro INOUE	Tohoku University	Investigation of the interaction between rhizosphere microbes and <i>Pteris vittata</i> by multi-omics
NAQVI	Salman	Raza	PAKISTAN	Haruo KAWAMOTO	Kyoto University	Kinetics of softwood and hardwood lignin pyrolysis based on molecular mechanisms
CHAKRABARTY	Arindam		INDIA	Yoshikuni TERAMOTO	Gifu University	Polymer-grafted Cellulose Nanofiber in Solar Thermal Energy Storage
HATT	Severin	Marie Marc	FRANCE	Naoya OSAWA	Kyoto University	Applied ecological study on sustainable biological control through flower-attracted natural enemies
KEWAN	Mohamed	Elbadawy Abdelgayed Gad	EGYPT	Tatsuya USUI	Tokyo University of Agriculture and Technology	Exploring novel therapeutic target genes for dog prostate cancer using urine-derived 3D culture

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XU	Yu		CHINA	Yuzo MIYAZAKI	Hokkaido University	Origin of organic nitrogen aerosol revealed by advanced analysis of nitrogen isotope ratio
TUVSHINTULGA	Bumduuren		MONGOLIA	Naoaki YOKOYAMA	Obihiro University of Agriculture and Veterinary Medicine	Development of therapeutic strategies for atovaquone-resistant Babesia microti that infects human
BEC	Krzysztof	Bernard	POLAND	Akifumi IKEHATA	National Agriculture and Food Research Organization	Towards improved food safety: Connecting the missing link in analytical NIRS
DECARLO	Thomas	Mario	U.S.A.	Satoshi MITARAI	Okinawa Institute of Science and Technology Graduate University	Coral recruitment in a high-CO2 world
LU	Yu		CHINA	Tohru ARIIZUMI	University of Tsukuba	Molecular and genetic analysis of the tomato mutants that exhibit fruit expansion and parthenocarpy
LIU	Mingming		CHINA	Xuenan XUAN	Obihiro University of Agriculture and Veterinary Medicine	Analysis of lifecycle of Babesia microti in ticks and development of novel control measures

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TAO	Hui		CHINA	Ikuro ABE	The University of Tokyo	Studies on Synthetic Biology of the Immunosuppressant Drug Rapamycin
ELMAGHRABEY	Mahmoud	Hamed Mahmoud Hamed	EGYPT	Naotaka KURODA	NAGASAKI UNIVERSITY	Novel non-enzymatic chemiluminescent immunoassay for HCV core antigen using quinone as signaling tag
XU	Yan		CHINA	Nagahiro MINATO	Kyoto University	The mechanism of CML leukemia progenitor cells eradication uncovered by Sipa1 deficiency
LI	Hongliang		CHINA	Shigeki MATSUNAGA	Hokkaido University	Remote C(sp ³)-H bond asymmetric functionalization based on secondary interaction strategy
FAKRUDDIN	Md.		BANGLADESH	Hitoshi TAKIZAWA	Kumamoto University	Role of inflammatory stress on initiation and progression of clonal hematopoiesis
UDDIN	Md	Myn	BANGLADESH	Tatsuya SAITOH	Tokushima University	Understanding and chemical control of inflammasome-mediated inflammation
MONIAGA	Catharina	Sagita	INDONESIA	Kenji TAKAMORI	Juntendo University	Elucidation of roles of neurotransmitters in the pathogenesis of atopic dermatitis
MADHURANTAKAM	Sasya		INDIA	Hiroshi HIBINO	Niigata University	An implantable drug-sensing system that contributes to safe and effective therapy for epilepsy
JEBITI	Haribabu		INDIA	Shin AOKI	Tokyo University of Science	Synthesis & biological activity of Ru(II)-arene & Ir(III) complexes of multipodal aroylthioures
KIM	Minji		KOREA (REP. OF KOREA)	Takehiko DOI	National Center for Geriatrics and Gerontology	Effect of conversation on cognition in older adults with depressive symptom
SHIN	Jihye		KOREA (REP. OF KOREA)	Akihide RYO	Yokohama City University	Analysis of EMT induction mechanism using 3D cultured lung cancer cells

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VARGAS-TRUHILLO	Diana	Harleidy	COLOMBIA	Takeshi INAGAKI	Gunma University	Role of RNA methylation during adipocyte differentiation