

## 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 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
KOŁODZIEJ	Magdalena	Patrycja	GERMANY	Doshin SATO	Tokyo University of the Arts	Studies of the Imperial Art World of Modern Japan
KOWALCZYK	Beata	Maria	POLAND	Mitsuyoshi NUMANO	The University of Tokyo	Nihon no sakka: Constructing Literary Careers in the Japanese Literary World
ROH	Junia		KOREA (REP. OF KOREA)	Seishi NAMIKI	Kyoto Institute of Technology	A Study on the Invention of Locality of Japanese Craft in Meiji era
JAMMO	Sari		SYRIA	Yoshihiro NISHIAKI	The University of Tokyo	Investigating human behavior during the Neolithization intra/beyond the Fertile Crescent
SIM	Jeongmyoung		KOREA (REP. OF KOREA)	Ichiro TOMIYAMA	Doshisha University	Reading Genbaku Literature as World Literature: Toward Transnational Mourning and Memory
KHALMIRZAEVA	Saida		UZBEKISTA N	Hiroshi HYOHDOH	Gakushuin University	The Oral Tradition of the Blind Musicians of Kyushu: History, Form, and Function
LIAO	Mingfei		CHINA	Hidemi HASHIMOTO	Aoyama Gakuin University	Research on the Ritual Studies in the Early and Middle Qing Dynasty
LI	Naiqi		CHINA	Toshinori OCHIAI	ICPBS	A comparative study of the Dunhuang manuscripts, Yiqiejingyinyi, and Old Japanese Sutras

## List of Fellows Selected through Open Recruitment in Japan

Social sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
SO	Hongbum		KOREA (REP. OF KOREA)	Kazuhiro NAKATANI	The University of Tokyo	Study on the Scope of National Regulatory Autonomy in International Investment Law
BOWEN	Kimberly	Suzanne	U.S.A.	Yukiko UCHIDA	Kyoto University	Vagal tone as a unifying mechanism for mental and physical health in Japan
EDWARDS	Sachi	Teresa	U.S.A.	Yuto KITAMURA	The University of Tokyo	Internationalization of Higher Education and the Experiences of International Students in Japan
LIN	Cheng yu		TAIWAN	Yoshihiro MISAKA	Osaka University	Comparative legal History of criminal justice in Taiwan and South Korea from 1895 to 1949
KITHINJI	Kinyua	Laban	KENYA	Yasuhito ASAMI	Hosei University	Political Economy of Mobile Phone Money Exchange Technology in Kenya: Implications for Japanese ODA
TUPAS	Fernan	Peniero	PHILIPPINES	Toshihiko MATSUURA	NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY OF EDUCATION	Exploring Local Marine Resources as Instructional Materials in Science in Japan and the Philippines
DA SILVA EHALT	Romulo		BRAZIL	Shinzo KAWAMURA	Sophia University	Jesuit mission of the early modern Japan and moral theological issues
ANUGRAH	Iqra		INDONESIA	Masaaki OKAMOTO	Kyoto University	Agrarian Politics in Contemporary Indonesia: Decentralized Politics, Dispossession, Countermovement

## List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
JIANG	Jian		CHINA	Masaomi TANAKA	Tohoku University	Studying rapid transients with high-cadence wide-field surveys
GARCIA SAENZ	Sebastian		CHILE	Shinji MUKOHYAMA	Kyoto University	Classical theories of gravity: beyond general relativity and cosmology
CAI	Yuanqing		CHINA	Atsushi ICHINO	Kyoto University	Automorphic L-functions and generalized theta correspondences
LIU	Qian		CHINA	Toshiaki TSUNOGAE	University of Tsukuba	Petrology and tectonics of the Central Asian Orogenic Belt
HU	Yuanchao		CHINA	Hajime TANAKA	The University of Tokyo	Structural mechanisms of crystallization and complex-liquid behaviors of phase change materials
GAISIN	Ildar	Maratovich	AUSTRALIA	Naoki IMAI	The University of Tokyo	Deligne-Lusztig varieties and the Fargues-Fontaine curve
VILELLA	Kenny		FRANCE	Shunichi KAMATA	Hokkaido University	Long-term evolution of icy satellites: coupling between icy layers and subsurface oceans
CAUQUOIN	Alexandre	Philippe	FRANCE	Kei YOSHIMURA	The University of Tokyo	Development of water isotope incorporated Earth System Model and first Euro-Japan intercomparison
HUMAIR	Thibaud		SWITZERLAND	Toru IJIMA	Nagoya University	Search for New Physics in Tauonic B decays using the Belle II detector
BRANDNER	Kay		GERMANY	Keiji SAITO	KEIO UNIVERSITY	Non-equilibrium Thermodynamics of Collective Quantum Matter
MCGADY	David	Alexander	U.S.A.	Masahito YAMAZAKI	The University of Tokyo	Symmetries, old and new, and their consequences in quantum field theory

## List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
CHEN	Yehong		CHINA	Franco NORI	RIKEN	Accelerated quantum control methods
BURAGOHAIN	Mridusmita		INDIA	Itsuki SAKON	The University of Tokyo	Understanding the nature of interstellar PAHs based on a combined approach
ZHANG	Peng		CHINA	Takeshi KONDO	The University of Tokyo	Study of topological superconductors using laser photoelectron spectroscopy
SSESSANGA	Nicholas		UGANDA	Mamoru YAMAMOTO	Kyoto University	4-D tomographic investigation of equatorial and mid-latitude ionospheric irregularities

## List of Fellows Selected through Open Recruitment in Japan

Chemistry

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
CHAOLUMEN			CHINA	Kenichiro ITAMI	Nagoya University	Synthesis and Application of Nanocarbons Containing Five-, Seven-, and Eight-Membered Rings
KARAD	Somnath	Narayan	INDIA	Hideki YORIMITSU	Kyoto University	Development and applications of promising silylating agent with exquisite reactivity and stability
KONINTI	Raj Kumar		INDIA	Ken ONDA	Kyushu University	Controlling excited-state proton transfer dynamics using nanocavity engineering
WAN	Xian	Kai	CHINA	Mizuki TADA	Nagoya University	Synthesis and Electrocatalysis of Atomically Precise Pt-Ni Alloy Nanoclusters for Fuel Cell
CHOI	Heekyoung		KOREA (REP. OF KOREA)	Shigehiro YAMAGUCHI	Nagoya University	Dynamic Control over Helical Self-Assembly of Boron-Containing pi-System and its Bio-Application
WANG	Yang		CHINA	Kazuo TAKIMIYA	RIKEN	Investigation of thermoelectric properties among rylene diimide based n-type organic semiconductors
IHSAN	Abu	Bin	BANGLADESH	Yasuhito KOYAMA	Toyama Prefectural University	Alternating peptides-based tough and viscoelastic adhesive materials for healthcare applications
KHURELBAATAR	Zagarzusem		MONGOLIA	Junji NISHII	Hokkaido University	Fabrication of Nano-structured photonic devices
BOUIBES	Amine		FRANCE	Masataka NAGAOKA	Nagoya University	Theoretical Design of Advanced Non-Flammable Electrolyte with Appropriate Additives for Safe Battery
LEE	Jet-sing	Martin	UNITED KINGDOM	Hiroshi SATO	The University of Tokyo	Development of stimuli-responsive hydrogen-bonded organic frameworks
VEQUIZO	Junie jhon	Magdadaro	PHILIPPINES	Kazunari DOMEN	Shinshu University	Unraveling the Fundamental Processes in Semiconducting Materials for Highly Active Photocatalysts

## List of Fellows Selected through Open Recruitment in Japan

Chemistry

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
POURNAGHSHB AND ISFAHANI	Ali		IRAN	Easan SIVANIAH	Kyoto University	Magnetic separation of oxygen from air
GHOSH	Samrat		INDIA	Shuhei SEKI	Kyoto University	Development of [2.2]Paracyclophane based Crystalline Covalent Organic Frameworks

## List of Fellows Selected through Open Recruitment in Japan

Engineering sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
GE	Jiuhao		CHINA	Noritaka YUSA	Tohoku University	Three-dimensional profile reconstruction of a natural SCC colony through electromagnetic NDT methods
LIM	Poon Nian		SINGAPORE	Mamoru AIZAWA	MEIJI UNIVERSITY	Novel Infection Models for Development of Artificial Bone with Antibacterial and Osteogenic Efficacy
ZHOU	Chuncaai		CHINA	Keiko SASAKI	Kyushu University	Solidification/stabilization of heavy metals using cementitious materials based on industrial wastes
CHIU	Wan Ting		TAIWAN	Hiroshi TOSHIYOSHI	The University of Tokyo	Enhancing stability and selectivity of self-powered gas sensors by nano-Au/ZnO decorated polyaniline
ZHANG	Yuqiao		CHINA	Hirromichi OHTA	Hokkaido University	Phonon transport properties of thermoelectric oxide films and superlattices
MALLICK	Arijit		INDIA	Nobuhiro YANAI	Kyushu University	Creation of soft nanomaterials showing photon upconversion
ABUTAHA	Fuad	Ym	PALESTINE LIBERATION ORGANIZATI ON	Takafumi NOGUCHI	The University of Tokyo	Effect of Alkaline Activators and Binder on the Properties of Volcanic Ash-based Geopolymer Mortar
TALCHABHADEL	Rocky		NEPAL	Kenji KAWAIKE	Kyoto University	Integrated modelling for sediment management in a watershed of dynamic land use
MAKKI ALAMDARI	Mehrisadat		AUSTRALIA	Chul-woo KIM	Kyoto University	Multi-Way Tensor Analysis for Bridge Damage Identification Using Responses of a Moving Vehicle
ROSTI	Marco Edoardo		ITALY	Shu TAKAGI	The University of Tokyo	Large-scale numerical simulation of gas-solid-liquid flow in air-lift pump for deep-sea mining
ELSAMADONY	Mohamed	Mahmoud Abd Elmgeed	EGYPT	Manabu FUJII	Tokyo Institute of Technology	Adsorption treatment using carbon nanocomposite for removal of persistent organic micropollutants

## 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 FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
CAO	Xian		CHINA	Osamu NISHIMURA	Tohoku University	Innovation of a Coupled Bioelectrochemical System to Restore Contaminated Sea Bottom Sediment
HU	Lei		CHINA	Masaki AZUMA	Tokyo Institute of Technology	Investigation of metal-insulator transition and negative thermal expansion in layered ruthenates
BARAKAT	Adel	Tawfik mohamed mohamed	EGYPT	Ramesh POKHAREL	Kyushu University	Compact WPT system for concurrent transfer of data and power using metamaterial diplexer receiver
LIU	Chong		CHINA	Kenichi SHIMIZU	Hokkaido University	Unraveling the complexity of methane dehydroaromatization for novel catalysts design
DAS	Raja		INDIA	Kenichi UCHIDA	National Institute for Materials Science	Nano Spin Caloritronics
CHANDEL	Arvind	Kumar singh	INDIA	Taichi ITO	The University of Tokyo	Development of new injectable hydrogels with anti-adhesive, hemostatic, and antimicrobial properties
TRISNANTO	Suko Bagus		INDONESIA	Yasushi TAKEMURA	Yokohama National University	Analysis of magnetization dynamics of magnetic nanoparticles for new diagnostic imaging technology
ANNAMALAI	Prathap		INDIA	Yasuhiro ISHIDA	RIKEN	Piezoelectric Soft Materials Based on Magnetically Oriented Cellulose Nanocrystals
GANGANBOINA	Akhilesh	Babu	INDIA	Enoch y. PARK	National University Corporation Shizuoka University	Signal-amplified two-way detection of virus using nanoparticles-embedded polymer nanovesicle
KIM	Sangwook		KOREA (REP. OF KOREA)	Satoshi WADA	University of Yamanashi	Development of Medical High-piezoelectric Materials using MPB and Ion's Off-centering Mechanism
BASU	Tuhin	Shuvra	INDIA	Ryoma HAYAKAWA	National Institute for Materials Science	Vertical spin transistors with organic molecules as quantum dots: Futuristic spintronics device



## List of Fellows Selected through Open Recruitment in Japan

Engineering sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
EMRAN	Mohammed	Youssef Mahmoud	EGYPT	Sherif EL-SAFETY	National Institute for Materials Science	Low-power energy, portable nano-sensor chipset devices as early-stage diagnoses of neuronal diseases
MAITI	Debabrata		INDIA	Kanjiro MIYATA	The University of Tokyo	Development of nanocapsules loaded with scintillating particles for radiotherapy
YU	Yi-lin		TAIWAN	Nobuo GOTO	Tokushima University	Optical fiber sensor with high sensitivity for simultaneous multiple parameters and points detection
BHANJA	Piyali		INDIA	Yusuke YAMAUCHI	National Institute for Materials Science	Design and synthesis of novel mesoporous metal oxides and phosphates
BALCYTIS	Armandas		LITHUANIA	Toshihiko BABA	Yokohama National University	Photonic crystal nanolaaser and its applications
CARVAJAL	Thaddeus	Marzo	PHILIPPINES	Kozo WATANABE	Ehime University	Genetic Inference of Flood-driven Population Expansion of Dengue Vector Mosquitoes in Urban Cities
RANA	Md masud		BANGLADESH	Tetsuya SHIMAMURA	SAITAMA UNIVERSITY	Signal Processing Based Optimal Filtering Techniques for Cyber Physical Systems
JIANG	Bo		CHINA	Yoshio SAKKA	National Institute for Materials Science	New Functional Ceramic Membranes Using Nanoporous Noble Metals
DOU	Jie		CHINA	Takaaki IKEDA	Nagaoka University of Technology	Cognitive modeling for dynamic long-term landslide assessment associated with extreme events
MANI	Ganesh	Kumar	INDIA	Kazuyoshi TSUCHIYA	Tokai University	Next Generation Implantable Nanosensor Technology for Monitoring Single Cell Metabolites
WANG	Bin		CHINA	Minehiro NISHIYAMA	Kyoto University	High-resilient rocking wall-frame structural systems with hybrid damping devices for earthquake load

## 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 FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
FAERBER	Michael	Josef	GERMANY	Adam JATOWT	Kyoto University	Scientification - Recommending Citations for Texts
ROSMANIS	Ansis		LATVIA	Francois LEGALL	Kyoto University	Theoretical Investigations of Quantum Supremacy
KUMAR	Prasanth		INDIA	Kam ZHANG	RIKEN	Knowledge-guided Scoring Scheme for Protein-Ligand Environments using Machine Learning Framework
QIAN	Kun		CHINA	Yoshiharu YAMAMOTO	The University of Tokyo	Deep Learning for Intensive Longitudinal Biomedical Signals and its Health Related AI Applications
KEENAN	Sumir		U.S.A.	Shinya YAMAMOTO	Kyoto University	Gesture and vocalization of bonobos: Comparative cognitive study on the evolution of communication

## List of Fellows Selected through Open Recruitment in Japan

Biological sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
WILLOT	Quentin		BELGIUM	Fumiaki OBATA	The University of Tokyo	Mechanisms of metabolic homeostasis conferring thermotolerance to desert ants
EVANS	Maldwyn	John	AUSTRALIA	Tadashi MIYASHITA	The University of Tokyo	The urban functional landscape: the effect of urbanisation on ecosystem services provided by insects
YIN	Xiafeng		CHINA	Hirokazu TSUKAYA	The University of Tokyo	Mechanisms of flattening growth regulation in unifacial leaves by PRS genes
KIM	Jaewook		KOREA (REP. OF KOREA)	Tomonao MATSUSHITA	Kyushu University	Molecular mechanism of alternative promoter selection by phytochrome
AHMED	Ayman	Khamis Elsayed Esmail	EGYPT	Atsushi KAWAKITA	The University of Tokyo	Diversity and coevolution of mutualism between plants and pollinating gall midges
SARABIAN	Cecile	Anna	FRANCE	Andrew MACINTOSH	Kyoto University	Cognitive and physiological responses to disgust elicitors in chimpanzees
CHEN	Eric	Chun-Hung	CANADA	Wataru IWASAKI	The University of Tokyo	Genomic basis of adaptive advantages of autopolyploids and allopolyploids
HEIM	Olga		GERMANY	Shizuko HIRYU	Doshisha University	Movement ecology of bats in human-altered landscapes revealed by light-weight acoustic GPS loggers
SU	Shihao		CHINA	Tetsuya HIGASHIYAMA	Nagoya University	Revealing action mechanism of bioactive sugar chain AMOR in pollen tube guidance using <i>Torenia</i>

## List of Fellows Selected through Open Recruitment in Japan

Agriculture/Environmental sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
MASUM	Md. Abdul		BANGLADESH	Yasuhiro KON	Hokkaido University	Role of novel lymphoid tissues found in mouse urinary tract
ZHOU	Yaoyu		CHINA	Keiko SASAKI	Kyushu University	MOF-derived carbons-based nanocomposites for degradation of organoarsenic compounds
ISLAM	Md rakeb-ul		BANGLADESH	Hideyuki IMAI	University of the Ryukyus	Pattern of movement and connectivity of sparid fish, <i>Acanthopagrus</i> spp. across Ryukyu islands, Japan
XU	Haibo		CHINA	Yoichi HONDA	Kyoto University	Phase specific omics on wood wafers and genome editing elucidate mechanism for white rot
PHAN	Chin Soon		MALAYSIA	Tatsufumi OKINO	Hokkaido University	Integrating molecular network and co-culture to target antialgal peptides of Malaysian cyanobacteria
MOUSTAFA	Mohamed	Abdallah Mohamed	EGYPT	Ryo NAKAO	Hokkaido University	Analysis of pathobiomes of ticks and animals in relation to infection risk in wildlife communities
VIBHUTE	Amol	Madhukar	INDIA	Hirumune ANDO	Gifu University	Photocatalytic stereoselective glycosylation of 2-deoxysugar and synthesis of Mithramycin
MA	Haiyuan		CHINA	Takuro KOBAYASHI	National Institute for Environmental Studies	Resource recycling system combining anaerobic digestion and ANAMMOX using HAP-forming granules
SUN	Zhifang		CHINA	Tsuguyuki SAITO	The University of Tokyo	Stretch-Tolerant, High Tensile Strength Aerogels Embedded with Oriented Cellulose Nanofibers
AHMED	Haney	Samir Mohamed Mohamed Sayed	EGYPT	Gen WATANABE	Tokyo University of Agriculture and Technology	Micro RNAs as biomarkers for enhancement of female reproduction
DASTOGEER	Khondoker Mohammad Golam		BANGLADESH	Shin OKAZAKI	Tokyo University of Agriculture and Technology	Engineering of synthetic and functional rice microbiome that confers resistance to pathogen

## List of Fellows Selected through Open Recruitment in Japan

Agriculture/Environmental sciences

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
WANG	Fanmiao		CHINA	Makoto MATSUOKA	Nagoya University	GxE Genome-wide association studies for Nitrogen use efficiency in rice
DUCONSEILLE	Anne		FRANCE	Michiyo MOTOYAMA	National Agriculture and Food Research Organization	Sensing protein oxidation by spectroscopy -Find a marker from nutrition and digestion point of view-
GRAMAZIO	Pietro		ITALY	Hiroshi EZURA	University of Tsukuba	Molecular and physiological elucidation of GABA metabolism in melon
ANDRIAMANOHI ARISOAMANANA	Fetra	Jules	MADAGASCAR	Ikko IHARA	Kobe University	Metal particle-assisted anaerobic digestion: degradation of antibiotic residue in animal manure
FEREIG	Ragab	Makhlouf mahmoud	EGYPT	Yoshifumi NISHIKAWA	Obihiro University of Agriculture and Veterinary Medicine	Development of rapid immunochromatographic assay as a diagnostic tool for bovine cryptosporidiosis
ISLAMUDDIN	Mohammad		INDIA	Kentaro KATO	Obihiro University of Agriculture and Veterinary Medicine	Studies on innate immune responses to vector-borne virus
KHAN	Bayezid mahmud		BANGLADESH	Ismail RAHMAN	Fukushima University	Study of cesium- and strontium-tolerant plants and explore the role of gene for the tolerance

## 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 FY2019-2020 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1127 applications were received, among which 120 fellowships were awarded. Notification of the selection results will be made in writing to the head of the applying institution in December, 2018. An award letter will be sent to the successful candidates in the middle of January, 2019. 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				
SAHKER	Ethan	Kyle	U.S.A.	Toshiaki FURUKAWA	Kyoto University	Optimization of smartphone cognitive-behavior therapy to improve campus mental health
LIU	Zhuoming		CHINA	Yasushi KAWAGUCHI	The University of Tokyo	Genetic dissection of HSV-1 host factors through genome-scale CRISPR-Cas9 screens
LEE	Joonseong		KOREA (REP. OF KOREA)	Takuya YAMAMOTO	Kyoto University	RNA secondary structure and protein translation in pluripotent stem cells
SUN	Xian	Liang	CHINA	Shoji NAKAYAMA	National Institute for Environmental Studies	Investigation of chemical mixture effects on children's health in e-waste recycling process
FARAHAT	Mahmoud	Ibrahim	EGYPT	Takuya MATSUMOTO	Okayama University	Modulation of 3D organoids differentiation using novel chemically-loaded hydrogel nanoparticles
CHEN	Yuting		CHINA	Azusa INOUE	RIKEN	Exploring polycomb-mediated genomic imprinting in human and its application to ART
ABBASI	Saed	Amjad yousef	JORDAN	Kazunori KATAOKA	Institute of Industrial Promotion Kawasaki	In vivo genome editing using hepatocyte-targeted RNA delivery system
WAISE	T m zaved		BANGLADE SH	Masamitsu NAKAZATO	University of Miyazaki	Functional interaction between ghrelin and glucagon like peptide 1 regulates feeding through vagal
ELGENDY	Emadeldin	Mohamed fouad mohamed	EGYPT	Takaaki NAKAYA	KPUM	Unveiling mechanism of novel influenza emergence for enhanced control strategy in the Middle East
BERMEJO NIEVAS	Enrique		SPAIN	Kazuhiko IMAIZUMI	National Research Institute of Police Science	Deep Learning for Craniofacial Superimposition, a Forensic Identification technique
TAK	Raj	Kumar	INDIA	Masakatsu SHIBASAKI	Microbial Chemistry Research Foundation	Development of Backbone Modification of Peptides and Proteins