

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 FY 2022-2023 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Under this recruitment, 1070 applications were received, among which 115 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the end of December, 2021. 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				
LOFTUS	James	Frances	U.S.A.	Koji MIZOGUCHI	Kyushu University	3D Quantification of Social Learning and Style formation in Prehistoric Potting Communities, Japan
DAS	Sudipta		INDIA	Masahiko TOGAWA	Tokyo University of Foreign Studies	Relations between Indian Independence Movement and Japan
WANGSUN	Hanzhi		CHINA	Kimiko KONO	Waseda University	Acceptance of Confucian Commentary in Classical Japan: From the East Asian Education Circle's View
STORTINI	Paride		ITALY	Akira NISHIMURA	The University of Tokyo	Exploration, Memory, and Imagination: Modernity and the Knowledge of India in Japanese Buddhism
JIN	Xin		CHINA	Mareshi SAITO	The University of Tokyo	The Six Dynasties poetry style in the exchange between Japan and Tang Dynasty
DAIYROV	Mirlan	Attokurovich	KYRGYZSTAN	Chiyuki NARAMA	Niigata University	Study of short-lived glacial lakes related to disaster in the Tien Shan, Central Asia.

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Social sciences

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PETRAROLI	Irene		ITALY	Roger BAARS	Kyoto University	Motivation and engagement in disaster preparedness: a trans-national socio-cultural study
CAMATARRI	Stefano		ITALY	Airo HINO	Waseda University	Mechanisms of Protest Voting: A Proposal of Analyses to Integrate Elections, Parties, and Voters
ROLANDER	Adam	Hill	AUSTRALIA	Stuart GILMOUR	St. Luke's International University	A comprehensive assessment of the health and wellbeing of sexual minority young people in Japan
LI	Yajiao		CHINA	Tomoo MARUKAWA	The University of Tokyo	Financial Development in China and the Women's Unexpected Debt Problems
PEREIRA COSTA	Raquel	Filomena	PORTUGAL	Misato HAYASHI	Japan Monkey Centre	Co-creating social connection between humans and gorillas for wildlife conservation and One Health

List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

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DOGAR	Muhammad	Mubashar ahmad	PAKISTAN	Masatomo FUJIWARA	Hokkaido University	Identification and Separation of Volcanic and Natural Climate Variability Signals
MOLPECERES DE	German		SPAIN	Yuri AIKAWA	The University of Tokyo	Exploiting weak interactions in apolar ices: New pathways to interstellar complex organic molecules
LUQUE RAMIREZ	Rafael		SPAIN	Norio NARITA	The University of Tokyo	Understanding small planets orbiting small stars
PHILIP	Severin		FRANCE	Akio TAMAGAWA	Kyoto University	Moduli stacks: curves, stable reduction and arithmetic
AHMED	Mohamed	Abdelkareem ali	EGYPT	Hiroyuki NAKAMURA	Kyoto University	Synthesis of kagome magnets and exploration of emergent topological phenomena towards functionality
BAG	Tikemani		INDIA	Yasunobu OGAWA	Research Organization of Information and Systems	Forecasting thermospheric cooling by energy propagation within MIT system using machine learning
HUANG	Ran		CHINA	Franco NORI	RIKEN	Novel photon blockade effects with exceptional points
DUTILLEUL	Jade, veronique, vat		FRANCE	Masataka KINOSHITA	The University of Tokyo	Borehole sample and monitoring open up the secret of fault zone mechanics at subduction zones
HUANG	Shengxuan		CHINA	Taku TSUCHIYA	Ehime University	Elemental and isotopic fractionation behaviors of nitrogen at high pressure and high temperature
PURKAYASTHA	Archak		INDIA	Keiji SAITO	KEIO UNIVERSITY	Exact numerical analysis on nonequilibrium fluctuations and thermodynamics in open quantum systems
PORUNAKATU	Shreedevi	Radhakrishna	INDIA	Yoshizumi MIYOSHI	Nagoya University	Ionospheric effects of Auroral Ion precipitation Induced by EMIC Wave-Particle Interaction

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MOREAU	Clement	Yves philippe	FRANCE	Kenta ISHIMOTO	Kyoto University	Mathematical control theory for microrobot and cell locomotion

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Chemistry

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COLAS	Kilian	Marcel claude	FRANCE	Hiroaki SUGA	The University of Tokyo	Lasso-grafting of anti-KRAS macrocyclic peptide pharmacophores into small proteins
DASARI	Venkatakrishnarao		INDIA	Hiroshi YAMAMOTO	National Institutes of Natural Sciences	Development of novel photo-responsive spintronics device
HWANG	Sunbin		KOREA (REP. OF KOREA)	Takuma YASUDA	Kyushu University	Efficiency enhancement of organic thermoelectric generators by amplifying the density of states
BORUAH	Purna	Kanta	INDIA	Masaaki OHBA	Kyushu University	MXene-MOFs Composites as Magnetic Hybrid Nanozymes for Paper-Based Microfluidic Applications
CHAND	Santanu		INDIA	Takashi UEMURA	The University of Tokyo	Establishment of universal methodology in polyrotaxane synthesis by utilizing macrocyclic nanopores
GUO	Yanna		CHINA	Yoshiyuki SUGAHARA	Waseda University	Functional design of metal-nitrogen-carbon composites via polymer pyrolysis for electro catalysis
DEY	Avishek		INDIA	Shiki YAGAI	Chiba University	Creation of Mesoscale Polyrotaxanes through Self-Assembly
GOUDAPPAGOUND			INDIA	Akimitsu NARITA	Okinawa Institute of Science and Technology Graduate University	Synthesis of Nanographene Liquid with Near-Infrared Phosphorescence
JU	Huiyeong		KOREA (REP. OF KOREA)	Yoichi HABATA	Toho University	Development of Novel Molecular Machines based on Dynamic Functional Flytrap-type Molecules
UEBERRICKE	Lucas	Veith	GERMANY	Atsushi WAKAMIYA	Kyoto University	Multipodal Monolayer Materials for Efficient Hole Extraction in Perovskite Solar Cells
BURKE	David	Weston	U.S.A.	Shuhei FURUKAWA	Kyoto University	Decoupling polymerization and gelation of porous soft materials by orthogonal linkage chemistries

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Engineering sciences

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YADAV	Vikrant		INDIA	Kenji MIYATAKE	University of Yamanashi	Anion conductive polymers: new development for energy devices
PONNUSAMY	Nandha	Kumar	INDIA	Ayako OYANE	National Institute of Advanced Industrial Science and Technology	Surface modification of dental resin by light-induced transfer of multi-ion-substituted apatite film
HAN	Jiahao		CHINA	Shunsuke FUKAMI	Tohoku University	Exploring topological and quantum effects in ferromagnetic Weyl semimetals for spintronic devices
WU	Yanzhi		CHINA	Kenji KASHIMA	Kyoto University	Reinforcement learning-based finite-horizon regulation and its applications to formation control
KAIPRATHU	Anjali		INDIA	Shun NISHIMURA	Japan Advanced Institute of Science and Technology	Metallo-Porphyrin Carbon nanocomposite: Emerging Material for Biomass to Energy and Fuel derivatives
YANG	Huijun		CHINA	Eunjoo YOO	National Institute of Advanced Industrial Science and Technology	Formulating electrolyte for high-performance Li-S battery under extreme temperatures
PARK	Kwangjae		KOREA (REP. OF KOREA)	Yusuke HIRAYAMA	National Institute of Advanced Industrial Science and Technology	Development of core/shell nano-composite magnetic particles by low oxygen powder metallurgy
WANG	Yuanzuo		CHINA	Taichiro OKAZAKI	Hokkaido University	Ultra-Low Cycle Fatigue Behavior of Steel Connections
ELSHEIKH	Ammar	Hamed abdel salam	EGYPT	Manabu FUJII	Tokyo Institute of Technology	Development of desalination technology by hybrid solar still with functional nanomaterials
TANG	Chao		CHINA	Taiichi OTSUJI	Tohoku University	Creation of high power terahertz wave sources based on stacked 2D materials heterostructures
PAITANDI	Rajendra	Prasad	INDIA	Shu SEKI	Kyoto University	Redox Active Radical Covalent Organic Frameworks: New Class of Organic Electromagnetic Materials

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TRAN	Thao	Phuong	VIET NAM	Kazuaki SYUTSUBO	National Institute for Environmental Studies	Development of novel denitrification process by methanotrophic archaea in bioelectrochemical system
SIFUNA	Martin	Wekesa	KENYA	Masahiro TAKEI	Chiba University	Establishment of Thrombosis Detection in Circulation Blood Flow by Electrical Capacitance Tomography
MEENA	Rajendra	Prasad	INDIA	Minoru FUJII	Kobe University	Development of functional hybrid nanoprobe for multimodal imaging
LI	Lingcong		CHINA	Kenichi SHIMIZU	Hokkaido University	Developments of novel multi-elemental catalysts using extrapolative machine learning methods
NASRIN	Syeda	Rubaiya	BANGLADESH	Akira KAKUGO	Hokkaido University	Comprehensive understanding of the mechano-transduction of microtubule
LIU	Qing		CHINA	Akinori KUZUYA	Kansai University	Fabrication of Gold Nanorings-based Functional Nanostructures by virtue of DNA Nanotechnology
AN	Meng		CHINA	Junichiro SHIOMI	The University of Tokyo	Phonon-engineered extreme thermal conductivity of two-dimensional heterostructures
NAG	Sarthak		INDIA	Hirofumi DAIGUJI	The University of Tokyo	Luminescence from nanobubbles: Understanding and control of nanobubble dynamics in nanopores
BHAT	Sartaj	Ahmad	INDIA	Fusheng LI	Gifu University	Fate and behavior of microplastics in biosolids: pollution characteristics and environmental risks
ZHAO	Yuanheng		CHINA	Ryo SHIRAKASHI	The University of Tokyo	Application of high pressure by isochoric freezing to biopreservation technology
ZHANG	Shihao		CHINA	Shigenobu OGATA	Osaka University	Theoretical development of super-ductile, super-tough, and super-strong high entropy ceramics

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NGUYEN	Quang	Hao	VIET NAM	Masayuki BANNO	National Institute of Maritime, Port and Aviation Technology	Developing a remote sensing system for longshore sediment estimation at the research pier HORS
PLOVIE	Bart	Gentiel omer	BELGIUM	Tsuyoshi SEKITANI	Osaka University	Research and Development of Wiring Integration for the Creation of Stretchable Neuromorphic Circuits
LUSHER	David	James	UNITED KINGDOM	Atsushi HASHIMOTO	Japan Aerospace Exploration Agency	High-fidelity transonic buffet simulations on heterogenous exa-scale supercomputers
ZHAO	Zhipeng		CHINA	Kohju IKAGO	Tohoku University	Development of a small-size and light-weight active inerter damper for seismic protection
XIA	Jing		CHINA	Xiaoxi LIU	Shinshu University	Quantum bits based on topological spin structures
WANG	Jiaji		CHINA	Chul-woo KIM	Kyoto University	Physics-informed machine learning for bridge health monitoring
NANDAN	Ravi		INDIA	Yusuke YAMAUCHI	National Institute for Materials Science	High Entropy Nano Alloys as Resilient Air Cathodes for Next Generation Li-Air Batteries
PATMONOAJI	Anindityo		INDONESIA	Yuichiro NAGATSU	Tokyo University of Agriculture and Technology	Control of dual displacement fronts by non-Newtonian reactive flow for improved sweep efficiency
XU	Tao		CHINA	Hiroyuki HIRAKATA	Kyoto University	Strain Engineering of Ferroelectricity and Electro-Mechanical Functions in Atomic Layered Materials
PHAN	Nhut	Viet	VIET NAM	Yukihiro MATSUMOTO	Toyohashi University of Technology	New approach for FRP Frame Bolted Connection towards the Sustainable Development of Infrastructures
LUHAR	Salmabanu	Ismailbhai	INDIA	Ippei MARUYAMA	Nagoya University	CCRAC- Impact of Carbon Capture on Properties of eco-friendly Recycled Aggregate Concrete

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DAS	Parthasakha		INDIA	Jun TANIMOTO	Kyushu University	Framework of social physics to evaluate social optimal provisions for controlling COVID-19
THANDA		Shwe	MYANMAR	Masayoshi ARITSUGI	Kumamoto University	A big data management framework on fog devices for real-time IoT and computer vision applications
ZHU	Zhenyang		CHINA	Issei FUJISHIRO	KEIO UNIVERSITY	Deep Learning-Based Semantic Information Compensation for Color Vision Deficiency
PARK	Sewon		KOREA (REP. OF KOREA)	Akitoshi KAWAMURA	Kyoto University	Verified Exact Computation over Continuous Higher Types

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Biological sciences

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Family Name	First Name	Middle Name				
LIANG	Minggao		CANADA	Michiel DE HOON	RIKEN	Integrated genomic and ultrastructure imaging analysis of cancer structural genome variation
WANG	Miaoxing		CHINA	Makoto SATO	Kanazawa University	Molecular mechanisms that control column polarity in the brain by the gradient of Wnt ligands
RATHI	Divya		INDIA	Tomomichi FUJITA	Hokkaido University	Exosome-mediated novel communication signals important for non-vascular plant growth and development
DAVIN	Adrian	Arellano	SPAIN	Hiroki OOTA	The University of Tokyo	A study of diet, health and behavior of Jomon people by ancient human and bacterial genome analysis
YU	Chih-chieh		TAIWAN	Atsushi MIYAWAKI	RIKEN	Recording time-stamped biological events into cellular DNA through genome editing
HE	Hongshen		CHINA	Thomas MCHUGH	RIKEN	Elucidating the dynamics of hippocampal CA2 in mnemonic processing
EVANS	Nathaniel	Michael	U.S.A.	Tohru NARUSE	University of the Ryukyus	Habitat preference and Sea-level change as drivers of genetic diversity and evolution in reef crabs
BHAGAT	Shruti		INDIA	Yasuhiro MURAKAWA	Kyoto University	Elucidating the operating principle of genomic enhancers in gene regulation

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Agriculture/Environmental sciences

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SAHA	Sudeb		BANGLADESH	Haruki KITAZAWA	Tohoku University	Alternatives to antimicrobials: potential for expansion of immunobiotics in healthy pig production
CHEETHIRALA	Maharshi	Bhaswant	INDIA	Teruo MIYAZAWA	Tohoku University	Microgreens efficacy evaluation and development of novel preventive food for metabolic syndrome
JOTHI	Jakia sultana		BANGLADESH	Fumihiko TANAKA	Kyushu University	Modeling and optimization of UV-C treatment to extend shelf life of citrus fruit by CFD
SRIKHAOW	Assadawoot		THAILAND	Keiko SASAKI	Kyushu University	Fabrication of photocatalyst composites of C3N4 with steel slag for carbon neutral
KWAK	Mackenzie	Lamont	AUSTRALIA	Ryo NAKAO	Hokkaido University	Impact of anthropogenic change on ticks, tick-borne pathogens, and transmission networks in Asia
CHEN	Shuoye		CHINA	Junji SUGIYAMA	Kyoto University	AI assisted analyses on the structural and mechanical optimization of wood materials
PHAM LE	Tu	Phuong	VIET NAM	Akira ISOGAI	The University of Tokyo	Preparation, characterization, and functionalization of amphoteric chitosan
SINGH	Nisha		INDIA	Motoyoshi KOBAYASHI	University of Tsukuba	Sequential delineation of fate and transport of aged nanoplastic in soil agro-system(PlaAgro)
RAHMAN	Md.mizanur		BANGLADESH	Shigeki NAKAUCHI	Toyohashi University of Technology	Visualization of microplastics in the fish body using multidimensional fluorescence imaging
BELOTT	Clinton	James	U.S.A.	Takahiro KIKAWADA	National Agriculture and Food Research Organization	Elucidation of anhydrobiosis in Triops longicaudatus.
ABDELLAOUI	Najib		MOROCCO	Fumio TAKIZAWA	Fukui Prefectural University	Development of diagnostic method and killer T cell-inducing DNA vaccine for viral whirling disease

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ISLAM	Jahidul		BANGLADESH	Tomonori NOCHI	Tohoku University	Longitudinal analyses of neonatal IgA using a single cell gene expression approach
LIU	Mingxu		CHINA	Hitoshi MATSUI	Nagoya University	Elucidating the importance of anthropogenic iron deposition from the atmosphere to the ocean
YANG	Xi		CHINA	Shingo MATSUKAWA	Tokyo University of Marine Science and Technology	Texture design of mixture gel of polysaccharides and proteins by controlling microscopic structure
ZHU	Luting		CHINA	Hiroataka KOGA	Osaka University	Development of all-cellulose-derived electronic and microfluidic devices by laser processing
TELENGECH	Paul	Kipkemboi	KENYA	Nobuhiro SUZUKI	Okayama University	Three-way cross-kingdom infection by a single partitivirus
ARIF	Md. tahjib ul		BANGLADESH	Yoshiyuki MURATA	Okayama University	Regulatory mechanism of cytosolic alkalization and cytosolic calcium elevation in guard cells
RAHMAN	Md. matiur		BANGLADESH	Yasuo INOSHIMA	Gifu University	Establishment of a novel monitoring method for enzootic bovine leukosis using extracellular vesicles
SINGH	Dharmendra	Kumar	INDIA	Atsushi MATSUKI	Kanazawa University	Impact of surfactants on the CCN activity of marine aerosols: Innovative surface tension measurement
POKHAREL	Sanjeeta	Sharma	NEPAL	Kodzue KINOSHITA	Kyoto University	Tail-hair cortisol and stable isotopes as a retrospective health calendar of elephants
RYU	Heungjin		KOREA (REP. OF KOREA)	Christian ernest VINCENOT	Kyoto University	Citibats: Citizen science-based bat monitoring project in Japan and Korea

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KEROUREDAN	Olivia	Astrid	FRANCE	Yasuhiko TABATA	Kyoto University	Development of a novel hydrogel for in situ Laser-Assisted Bioprinting to promote bone regeneration
KUMAR	Sanjay		INDIA	Hitoshi KASAI	Tohoku University	Molecular modification on SN-38 dimer to identify new anticancer agent via nanodrug approach
ODUORI	Okechi	Sylvanus	KENYA	Takashi MATOZAKI	Kobe University	Elucidation of mechanisms underlying tumor immune surveillance by innate immune cells
HO	Pui yu		CHINA	Hitoshi TAKIZAWA	Kumamoto University	Formation and maintenance of innate immune memory in hematopoietic stem cells
LIN	Chien-yu		TAIWAN	Koichiro OKA	Waseda University	Environmental determinants of worker's active and sedentary behavior using remote sensing technology
HUNG	Chijung		TAIWAN	Daisuke ONO	Nagoya University	Understanding of the regulation of sleep and wakefulness by CRF neurons in mice
SHIH	Po-chang		TAIWAN	Mikihiko NAITO	The University of Tokyo	The design, synthesis, and evaluation of PROTAC/SNIPER degraders of STAT3
YAN	Minglu		CHINA	Hiroshi TAKAYANAGI	The University of Tokyo	Elucidation of the molecular mechanisms underlying articular structure damage in arthritis
JAGTAP	Rahul	Angadrao	INDIA	Motomu KANAI	The University of Tokyo	Catalytic acceptorless dehydrogenation from methylcyclohexane
LEHOT	Victor	Louis, adam	FRANCE	Shiroh FUTAKI	Kyoto University	In vivo antibody delivery into cancer cells using high-performance cell-penetrating peptides
CHANG	Chih-hsiang		TAIWAN	Norie ARAKI	Kumamoto University	Target screening for cancer stem cells by a novel integrated N-terminomics and phospho-proteomics

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LAHIRI	Pooja		INDIA	Masaaki KOMATSU	Juntendo University	Pathophysiology of Mallory-Denk Body in liver disorders
RYANTO	Gusty	Rizky teguh	INDONESIA	Noriaki EMOTO	Kobe Pharmaceutical University	Research on physiological and pathophysiological roles of pulmonary neuroendocrine cells.
WANG	Ziyi		CHINA	Toshitaka OOHASHI	Okayama University	Elucidating the mechanism of palatal development with molecular biology and bioinformatics analysis
AILIKEN	Guzhanuer		CHINA	Akihide YOSHIMI	National Cancer Center	Novel Antisense Oligonucleotide Therapeutics Targeting Aberrant Splicing in Cancers