

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 2023 JSPS Postdoctoral Fellowship for Research in Japan (Standard). Notification of the selection results will be made in writing through the head of the applying institution in the end of December, 2022. 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				
BEAUDOUIN	Mathieu		FRANCE	Shintaro ARAKAWA	Tokyo University of Foreign Studies	Tangut language and culture within West Gyalrongic
DING	Yi		CHINA	Bunri USAMI	Kyoto University	The position of Wang Guowei's Ren-jian Ci-hua: Focusing on the relation between "qing" and "jing"
MIAO	Shoule		CHINA	Shinya MORIYAMA	Shinshu University	A Comparative Philosophical Investigation into Basic Features of Buddhist Logic
YUAN	Jiaxing		CHINA	Jun SUZUKI	The University of Tokyo	State Honours for Industrialists in Modern Japan: Wealth, Social Contribution and Hierarchy
JOHNSON	Ryan	Stasey	U.S.A.	Kunio SHIN	The University of Tokyo	Global Modernism and the Reception of Western Literatures in Japanese Translation
LI	Lingjun		CHINA	Tsuyoshi KOJIMA	The University of Tokyo	Intellectual transitions in medieval Japan affected by Chinese culture of the Song period

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Social sciences

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Family Name	First Name	Middle Name				
CHUFFART	Romain	Francois Roland	BELGIUM	Akiho SHIBATA	Kobe University	Reimagining Ocean Governance for Arctic Sustainability: Indigenous Rights and New Climate Solutions
KIM	Hye Rin		KOREA (REP. OF KOREA)	Kazutoshi SASAHARA	Tokyo Institute of Technology	Understanding the psychological, cognitive and physiological bases of collective intelligence
BEJINHA GONCALVES	Andre		PORTUGAL	Yuko HATTORI	Kyoto University	Concepts of life and death in non-human primates. A comparative cognitive approach
MATTHEWS	Julian	Rodney	AUSTRALIA	Kazuhisa SHIBATA	RIKEN	Revealing the effort cost of metacognition with ultra-high-field MRI neurofeedback
LIN	Hsin Hsuan		TAIWAN	Go KOYAMA	KEIO UNIVERSITY	Freedom and security: The legal system and litigations of protection of personal information
FERGUSON	Victor	Alexander	AUSTRALIA	Akira IGATA	The University of Tokyo	Implementing Economic Security: Comparative Analyses of countries in the Indo-Pacific
JIM	Hoi-Lam		UNITED KINGDOM	Shinya YAMAMOTO	Kyoto University	Triadic audience effects in elephants: comparative cognitive studies on the evolution of reputation

List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

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Family Name	First Name	Middle Name				
PAL	Anusuya		INDIA	Miho YANAGISAWA	The University of Tokyo	Pattern formation in drying bio-fluid droplets: From Fundamentals to Data-driven Disease Screening
BAO	Jiakang		CHINA	Masahito YAMAZAKI	The University of Tokyo	From Quiver Yangians to Gauge/Bethe Correspondence
WANG	Zhe		CHINA	Hiroshi IRITANI	Kyoto University	Classical and Quantum integrable hierarchies in Gromov-Witten type theories
UMAMAHESWARAN	Raman		INDIA	Ken SAWADA	Hokkaido University	The Molecular Taphonomy of Proteins in the Geosphere
DUTTA	Dripta		INDIA	Takeshi IMAYAMA	Okayama University of Science	Deep earth geodynamics beneath the Himalayas
VINCHON	Pierre	Charles	CANADA	Satoshi HAMAGUCHI	Osaka University	Plasma-surface interaction in plasma-enhanced atomic layer deposition of 2D materials
CAO	Peigen		CHINA	Tomoki NAKANISHI	Nagoya University	Study on Cluster Algebra Theory and Its Applications
KIM	Minkyu		KOREA (REP. OF KOREA)	Sakie SUZUKI	Tokyo Institute of Technology	Unified study of homological algebra and TQFT by finite path-integral
BOUAZIZ	Juba		ALGERIA	Ryotaro ARITA	The University of Tokyo	First principles and model investigation of magneto-transport in rare-earth intermetallics
BAJPAI	Rishabh		INDIA	Takayuki TOMARU	National Institutes of Natural Sciences	Direct Measurement of Coating Thermal Noise at Low temperature for Gravitational Wave Telescope
WANG	Shuya		CHINA	Xinyu GUO	Ehime University	On the internal waves and turbulent mixing generated by flow-topography interaction in the Kuroshio

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CHEN	Mimi		CHINA	Katsuhiko SUZUKI	Japan Agency for Marine-earth Science and Technology	The Antarctic Archean mantle dynamic evolution: implications from the East Antarctic diamictites
NAMBAJE	Claude		RWANDA	Kumar M SATISH	Niigata University	Geochemical exploration of niobium-tantalum-tin critical metals
LAI	Denggao		CHINA	Franco NORI	RIKEN	Novel optomechanical entanglement
ONEAL	Jordan	Tyler	U.S.A.	Takashi KIMURA	The University of Tokyo	Pioneering Nonlinear Optical Phenomena with Strongly-Focused X-ray Free Electron Laser.

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Chemistry

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Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
LI	Choi Yi		CHINA	Hiroaki SUGA	The University of Tokyo	A novel strategy to design de novo cyclic disulfide-rich peptides with therapeutic potential
KESHRI	Sudhir	Kumar	INDIA	Takuma YASUDA	Kyushu University	Supramolecular Discrete Excimers Based on Fused-Polycyclic pi-Systems for Optoelectronic Application
YU	Gangqiang		CHINA	Masaru WATANABE	Tohoku University	Direct Capture CO ₂ from Air with ionic liquid-based Facilitated Transport Membranes
LUTZ	Marius	Daniel Rinaldo	GERMANY	Kyoko NOZAKI	The University of Tokyo	Chemical Upcycling of A High-Performance Plastic Enabled by Mild C-C Bond Activation
TIAN	Fucheng		CHINA	Jian ping GONG	Hokkaido University	Elucidation of high-speed fracture behavior of double network hydrogels under large deformation
ZHANG	Qiu		CHINA	Atsuo YAMADA	The University of Tokyo	Electrolyte Design for Energy-Dense Li-ion Batteries with Ultrawide Temperature Operation
GHORAI	Arup		INDIA	Hong-tao SUN	National Institute for Materials Science	Developing a general synthesis strategy for white-light-emitting perovskite nanocomposites
WONG	Chun Yik		MALAYSIA	Kenji MIYATAKE	University of Yamanashi	Development of anhydrous proton conductive membranes using polymeric ionic liquid complexes
WANG	Yujie		CHINA	Zhaomin HOU	RIKEN	Mid and Late Metal-Hydride Catalyzed N ₂ Functionalization with Intramolecular Lewis Acid Assistance
KATARIA	Meenal		INDIA	Shu SEKI	Kyoto University	Supramolecular Chirality and DOS: From excited state dynamics to charge carrier transport
HE	Donglin		CHINA	Shuhei FURUKAWA	Kyoto University	Assembling flexible metal-organic cages for fabricating adaptive porous membranes

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Engineering sciences

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Family Name	First Name	Middle Name				
DEASTRA	Predaricka		INDONESIA	Kohju IKAGO	Tohoku University	Design strategy for an inter-based structural control system considering non-linearity
PERIYASAMY ANGAMUTHU	Praveen		INDIA	Hidekazu SHIMOTANI	Tohoku University	Developing an electrically-driven organic semiconductor laser with field-effect transistor structure
BANERJEE	Kaushita		INDIA	Ayako OYANE	National Institute of Advanced Industrial Science and Technology	Multidrug-releasing apatite-coated scaffold for stem cell control and dentin-pulp regeneration
WELLING	Thomas	Arnoldus Josephus	NETHERLANDS	Daisuke NAGAO	Tohoku University	Controlling the collective motion of particles inside individual compartments for light manipulation
HU	Shuling		CHINA	Yuji KOETAKA	Kyoto University	Self-centering hybrid damper for improving life-cycle seismic resilience of building structures
QIAO	Ling		CHINA	Junya INOUE	The University of Tokyo	Machine learning aided design of High Entropy Alloys
ISMAIL	Ahmed	Nasser Ahmed Ahmed	EGYPT	Osamu MUTA	Kyushu University	Interference management and capacity improvement for RIS aided vertical HetNets
DAS	Avijit		INDIA	Masanobu NAITO	National Institute for Materials Science	Development of 3D holographic flexible display with superhydrophobic Perovskite Pattern
RANADE	Ajinkya	Kishor	INDIA	Chihiro YOSHIMURA	Tokyo Institute of Technology	Graphene-induced charge separation for enhancing intimately coupled photocatalytic biodegradation
LI	Yuanzhe		CHINA	Junichiro SHIOMI	The University of Tokyo	Controlling thermal transport of solids by tailored dynamic nanoscale disorders
SARKAR	Sudipta	Kumar	INDIA	Kuniharu TAKEI	Osaka Metropolitan University	Development of Recycled Materials-based Hydrogel Transistors for Sustainable Bio-Electronics

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ZHANG	Yue		CHINA	Yuji NAKAMURA	Toyohashi University of Technology	Comprehensive Study on Large-scale Fire Spreading Behavior using Turbulent Wind Tunnel
LAU	Chun Yin		UNITED KINGDOM	Kanjiro MIYATA	The University of Tokyo	Nanostructures with aggregation-induced emission for holistic rheumatoid arthritis treatment
LI	Wenbin		CHINA	Yukio HASEGAWA	The University of Tokyo	Atomic-scale Exploration of exotic magnetism in single-layer magnetic transition metal halides
ROY	Pritam	Kumar	INDIA	Timothee MOUTERDE	The University of Tokyo	Experimental investigation of non-contact droplet bouncing phenomena on lubricant-infused surfaces.
DUAN	Zhengang		CHINA	Hiroaki ABE	The University of Tokyo	Development of accident-resistant fuel for improving nuclear reactor safety
WANG	Rixin		CHINA	Fumihito ARAI	The University of Tokyo	Topology Optimization of Metamaterial Micromechanisms Integrated with Functional Devices
BAE	Soungmin		KOREA (REP. OF KOREA)	Fumiyasu OBA	Tokyo Institute of Technology	First-principles design of low-dimensional perovskites for white light emission
ALAM	Md. Jahangir		BANGLADESH	Akio MIYARA	Saga University	Measurements and prediction of transport properties of low GWP refrigerants and their mixture
XING	Di		CHINA	Jean-jacques DELAUNAY	The University of Tokyo	Quantum-dot chiral lasers via bound state in the continuum for interferometric chirality sensing
SHIT	Subhasis		INDIA	Hiroshi INOUE	Osaka Metropolitan University	New Concept of Copper-based Alloy Electrocatalysts for Ethanol Fuel Synthesis from Carbon Dioxide
PANG	Hong		CHINA	Renzhi MA	National Institute for Materials Science	Light-promoted rechargeable carbon dioxide battery for energy storage

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CAO	Kiet	Le Anh	VIET NAM	Takashi OGI	Hiroshima University	Advancement of fine particles with high-speed CO2 adsorption and high-efficiency conversion for CCUS
LUO	Pengjun		CHINA	Seiichiro TSUTSUMI	Osaka University	Digital twin for low-cycle fatigue assessment of high-strength steel joints under seismic loadings
CHEN	Yi		CHINA	Nobuyuki SAKAI	National Institute for Materials Science	Unilamellar cation-deficient titanium oxide nanosheet based superlattices for beyond Li batteries
SHIRZADI	Mohammadreza		IRAN	Yoshiyuki TAGAWA	Tokyo University of Agriculture and Technology	Multi-component drop impact on complex soft surfaces for developing 4D inkjet printing technology
HOSSAIN	Anwar		BANGLADESH	Kozo WATANABE	Ehime University	Control of antibiotics and antimicrobial-resistance in aquaculture: application to Bangladesh
LI	Lingying		CHINA	Takeo MINARI	National Institute for Materials Science	Molecular engineering by nonequilibrium heterointerface for self-assembled stretchable electronics
LAI	Dengguo		CHINA	Hisao YOSHIDA	Kyoto University	Nanosheet photocatalysts for carbon dioxide reduction with water and solar light
HALLO	Miroslav		CZECH	Kimiyuki ASANO	Kyoto University	Advancements to predict local earthquake ground motions with applications in the Kansai region
GROEN	Inge		NETHERLANDS	Masashi SHIRAISHI	Kyoto University	Investigation of spin conversion phenomena for semiconductor-based spin logic devices

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CROSSCOMBE	Michael		UNITED KINGDOM	Takashi IKEGAMI	The University of Tokyo	Interaction bottlenecks and the emergence of collective behaviors
LI	Chen		CHINA	Yoshihiro YAMANISHI	Kyushu Institute of Technology	Pure transformer encoder-based generative adversarial networks for molecular generation
KUNDU	Debraj		INDIA	Shigeru YAMASHITA	Ritsumeikan University	Establishing Fault-tolerant Design Methodologies for Efficient Utilization of PMDs

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Biological sciences

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Family Name	First Name	Middle Name				
ASHRAF	Mohammad Arif		BANGLADESH	Minako UEDA	Tohoku University	Elucidating the molecular mechanisms of determining the cell division site in plants
FENG	Yihong		CHINA	Takashi UEDA	National Institutes of Natural Sciences	A big and open question in plant cells: how proteins are recycled back from the vacuole?
LIU	Yao		CHINA	Yutaka MAJIMA	Tokyo Institute of Technology	Machine learning assisted DNA sequencing using electroless Au plating (ELGP) nanopore array
HUNG	Fu-Yu		TAIWAN	Keiko SUGIMOTO	RIKEN	Epigenetic regulation of mitotic cell cycle in the plant meristem
TAN	Ee Suan		MALAYSIA	Shunichi TAKAHASHI	University of the Ryukyus	Molecular study of moonlight regulation in final gametogenesis and spawning in corals
ABEDI	Tayebeh		IRAN	Atsushi SAKAMOTO	Hiroshima University	Emerging role of organellar dynamics-driven protein transport in phytohormone ABA production
CHERNG	Bor-Wei		TAIWAN	Hokto KAZAMA	RIKEN	Neural computation and mechanism underlying integration of innate and learned olfactory information

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Agriculture/Environmental sciences

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PERALTA OGOREK	Lucas	Leon	POLAND	Mikio NAKAZONO	Nagoya University	Unravelling key components and genes for the formation of the barrier to radial oxygen loss in rice
WIGATI	Laras	Putri	INDONESIA	Fumihiko TANAKA	Kyushu University	AI-based Optimization of biologically derived functional edible coating processing and fruit drying
MACALANDA	Adrian Miki	Cular	PHILIPPINES	Shinichiro KAWAZU	Obihiro University of Agriculture and Veterinary Medicine	Screening of circulating Schistosoma japonicum antigen for development of SE antigen-based diagnosis
BELLEGARDE	Fanny	Madeleine, Nicole	FRANCE	Hitoshi SAKAKIBARA	Nagoya University	Unraveling a mechanism underlying adaptation to nitrate fluctuation stress via chromatin regulation
LUM	Wai Mun		MALAYSIA	Satoshi NAGAI	Japan Fisheries Research and Education Agency	Elucidation of the origin of 2021 Karenia red tide that caused the largest fisheries damage in Japan
TEO	Ernest		SINGAPORE	Ryo NAKAO	Hokkaido University	Predicting the distribution of tick-borne diseases based on climate modeling and population genetics
MERAJ	Gowhar		INDIA	Shizuka HASHIMOTO	The University of Tokyo	Assessing the Critical Ecosystem Services of the Indus basin under Changing Climate
ARAFAT	Ramadan	Ahmed	EGYPT	Tohru ARIIZUMI	University of Tsukuba	Unraveling the mechanism of parthenocarpy induced by chromosomal disorder in tomato
LUHUNG	Irvan		INDONESIA	Fumito MARUYAMA	Hiroshima University	Ambient air pollution and the impact of global warming on the air microbiome
UTAMI	Yuniar	Devi	INDONESIA	Kei HIRUMA	The University of Tokyo	Phosphate-status-dependent pathogenesis by naturally-occurring plant endophytic bacteria
SIDDIK	Muhammad	Abu Bakar	BANGLADESH	Yutaka HAGA	Tokyo University of Marine Science and Technology	Development of non-food resource-based aquafeed to achieve sustainable aquaculture industry

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AYCAN	Murat		TURKEY	Toshiaki MITSUI	Niigata University	Establishment of Breeding Novel Salt-Tolerant Rice by Controlling Maternal Cytosolic Genome
NGO	Anh	Hai	VIET NAM	Yuki NAKAMURA	RIKEN	A study on the function of ethanolamine in inducing cell death in Arabidopsis
NGUYEN	Van	Cam	VIET NAM	Yuki NAKAMURA	RIKEN	Phospholipid signaling through a lipid-protein binding in root hair growth under ER stress
YANG	Puu-Tai		TAIWAN	Rota WAGAI	National Agriculture and Food Research Organization	Enhanced basalt weathering: exploring the co-benefit of soil carbon sequestration and fertility
AHMADI	Sadequallah		AFGHANISTAN	Takeshi OHKUBO	Ibaraki University	Ovarian dysfunction normalization in broiler breeder chicken through leptin system manipulation
GARCIA	Bea Clarise	Baluyot	PHILIPPINES	Masayuki HORIE	Osaka Metropolitan University	Functional analysis on a ancient bornavirus/bat chimeric gene in miniopterid bats
WANG	Kunyang		CHINA	Shin-ichi ONODERA	Hiroshima University	High spatial resolution assessment for the future water-nutrient cycles in Asian coastal catchments
BUENFIL ROJAS	Asela	Marisol	MEXICO	Hisato IWATA	Ehime University	Integrated assessment of chemical contamination and its impacts on wild Mexican crocodiles
MANDAL	Mohammad Shamim Hasan		BANGLADESH	Rempei SUWA	Japan International Research Center for Agricultural Sciences	Simulating mangrove reforestation under future climate change
KRIMMER	Elena	Ulla	GERMANY	Norihide HINOMOTO	Kyoto University	Promotion of natural pest control in vegetable cultivation with customized flower strips

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CHANG	Ching-Pu		TAIWAN	Tomomi NEMOTO	National Institutes of Natural Sciences	Optical Analysis of Brain Thermogenesis and its Metabolic Function in Mammalian Hibernator
FERNANDES	Pedro	Escada Cardoso Baptista	PORTUGAL	Kazuya MORIKAWA	University of Tsukuba	Unveiling the interplay between staphylococcal competence, antibiotic tolerance and the cell cycle
SEVER	Belgin		TURKEY	Mikako FUJITA	Kumamoto University	Development of edaravone-c-Abl inhibitor hybrids as next generation ALS therapeutics
RUHEE	Ruheea	Taskin	BANGLADESH	Katsuhiko SUZUKI	Waseda University	Effect of sulforaphane diet on exercise performance and metabolism in trained and untrained subjects
HEIN KO OO			MYANMAR	Toshinari TAKAMURA	Kanazawa University	Targets molecules for selenoprotein P and its mRNA in brown/white adipose tissues
PENG	Ge		CHINA	Francois NIYONSABA	Juntendo University	Clarification of the pathogenic mechanism of atopic dermatitis-associated brain inflammation
HASSAN	Jayedul		BANGLADESH	Tetsuya IIDA	Osaka University	Distribution of T3SS genes and their association with the diarrheagenicity of genus <i>Providencia</i>
CAO	Na		CHINA	Kimitaka NAKAZAWA	The University of Tokyo	Neuromodulation under Interhemispheric Competition Model for Chronic Stroke Rehabilitation
KHARAGHANI	Davood		IRAN	Yuji YOSHIKO	Hiroshima University	Integrating anti-calcification peptide and designed contact lenses to prevent corneal calcification
MUKHERJEE	Subrata		INDIA	Mikiko SODEOKA	RIKEN	Development of Iron Photocatalysts for Fluoroalkylation Reaction via Ligand-to-Metal Charge Transfer
OO	May Wathone		MYANMAR	Masanori NAKAYAMA	Okayama University	Investigation of the stromal factors controlling tumor vascular integrity

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ZOU	Zhaonan		CHINA	Shinya OKI	Kyoto University	Elucidating modes of action of teratogenic factors using microscopic region-specific omics technique
HUNG	Yung-Li		TAIWAN	Shuichi MACHIDA	Juntendo University	Targeting senescent cells-related chronic inflammation for the prevention of sex-specific sarcopenia