

List of Fellows Selected through Open Recruitment in Japan

Humanities

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
GU	Mingyuan		CHINA	Kazunori ARAKI	Kyushu University	Continuity and Transformation of Relation between Japan and Korea in the 16th and 17th Centuries
SAWY	Mona	Hassan Ahmed	EGYPT	So MIYAGAWA	University of Tsukuba	Digital Preservation and Analysis of Coptic Manuscripts
VAN DER MEER	Arnaud	Jurriaan	NETHERLANDS	Koji TOBA	Waseda University	Shumi and the Sensible: The Cultivation of Taste in Modern Japanese Literature
YAN	Zhixiang		CHINA	Yasuo INAMOTO	Kyoto University	The Brahma's Net Sutra and Buddhist Art in East Asia
CHEN	Xudong		CHINA	Hilofumi YAMAMOTO	Tokyo Institute of Technology	A Study on Methodologies for Connotation Analysis in Classical Japanese Literary Language
CRENLEUX	Quentin	Philippe, Paul	FRANCE	Shigeru TAGUCHI	Hokkaido University	On the Uses of Phenomenology in the Philosophy of Tanabe Hajime between 1932 and 1941
KAMARID	Doerte		GERMANY	Chizuko YOSHIMIZU	Toyo Bunko	Pa tshab Nyi ma grags's commentary on the MMK: The 11th century scholarship in Kashmir and Tibet
HIGH	Zoe	Woodbury	U.S.A.	Makoto KITADA	Osaka University	Study of Dakani Urdu belles-lettres
KHAN	Olga	Valerevna	UZBEKISTAN	Chika OBIYA	Kyoto University	Cinema and Society in Contemporary Uzbekistan: Toward Diversity and Innovation of the Women's Image
MALASART	Woramat		THAILAND	Shobha rani DASH	OTANI UNIVERSITY	Traditional Meditation: Texts and Illuminations in Endangered Manuscripts from Southeast Asia

List of Fellows Selected through Open Recruitment in Japan

Social sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
JIANG	Jingcheng		CHINA	Yasuyuki SAWADA	The University of Tokyo	Int'l Strategic Research Alliance for Sustainable SocioEconomic Recovery from COVID19 in Japan & Asia
PASCAULT	Leo	Lucas	FRANCE	Christoph RADEMACHER	Waseda University	Untangling the nexus between AI and copyright law
AL JAYOUSI	Rashed	Nedal Rashed	PALESTINE LIBERATION ORGANIZATI ON	Yuko NISHIDE	Tohoku University	A Comparative Case Study of Japanese and Palestinian Civil Society in Extreme Contexts
AKBUGA	Yigitcan	Emir	TURKEY	Kazuki SEKINE	Waseda University	The impact of hand gestures on representation of time in Japanese
AHMADIAN	Sohrab		IRAN	Yasuyuki MATSUNAGA	Tokyo University of Foreign Studies	Dynamics of Coexistence: Residents, Local Governments, and Kurdish/Afghan Immigrants in Japan
MACLELLAN	Alexander	Karl Edward	UNITED KINGDOM	Keisuke TAKANO	National Institute of Advanced Industrial Science and Technology	What are the mechanisms underlying and maintaining hikikomori?
LEE	Boyun		KOREA (REP. OF KOREA)	Takumi TSUTAYA	The Graduate University for Advanced Studies, SOKENDAI	Behavioral and molecular investigations into psychological difficulties in primate weaning

List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
SHENG	Jie		CHINA	Shigeki MATSUMOTO	The University of Tokyo	Exploring novel well-motivated candidates and detection methods for dark matter
WU	Hao		CHINA	Takafumi SATO	Tohoku University	Electronic state and transport study of stacked twisted antiferromagnetic Moire layers
ZHANG	Leilei		CHINA	Kenta OZEKI	Yokohama National University	On the structures of hypohamiltonian and platypus graphs
ZHOU	Wenhan		CHINA	Seiji SUGITA	The University of Tokyo	Identification of asteroid families in the main belt: capturing the planetesimals size distribution
ZHANG	Chunjie		CHINA	Hikaru IWAMORI	The University of Tokyo	Quantitative mapping of geofluids and their relations to arc geodynamic processes
YAO	Liyng		CHINA	Hiroaki ABE	The University of Tokyo	Development of oxide dispersion strengthened alloys for the plasma-facing walls of fusion reactors
CHANG	Chi-Kang		TAIWAN	Yoshinori GONGYO	The University of Tokyo	Study on the positivity of canonical bundles
SIE	Ni-En		TAIWAN	Naoki WATANABE	Hokkaido University	Challenges for the detection of "invisible" sulfur on interstellar dusts
LIU	Junyang		CHINA	Osamu IYAMA	The University of Tokyo	Differential graded category in Representation theory: Calabi-Yau structure and Silting discreteness
BO	Lan		CHINA	Masahito MOCHIZUKI	Waseda University	Theoretical Study on the Multi-Faceted Manipulation of Topological Spin Textures
HENOT	Olivier		FRANCE	Akitoshi TAKAYASU	University of Tsukuba	Studies on advanced computer-assisted proof methods for infinite dimensional dynamical system
MUKHERJEE	Koushik		INDIA	Hiroki SAITOU	The University of Electro-Communications	Supersolid States in Toroidal Geometries for Atomtronics Applications

List of Fellows Selected through Open Recruitment in Japan

Mathematical and physical sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
BARRETT	Paul	Zachary	U.S.A.	Yuri KIMURA	National Museum of Nature and Science	Developing ecosystem models for Quaternary mammals of Japan: from paleobiology to future predictions
SHEN	Hsien-Chieh		TAIWAN	Toru TAMAGAWA	RIKEN	Searching for the origin of gravitational waves by next-generation wide-field X-ray observatory
KUSHUWAHA	Ashu		INDIA	Teruaki SUYAMA	Tokyo Institute of Technology	Elucidation of Inflation by Primordial Black Holes and Gravitational Wave Background
PEVERELLI	Veronica		SWITZERLAND	Hirochika SUMINO	The University of Tokyo	Inclusive analysis of volatiles in mantle rocks from Patagonia to constrain Earth's volatile budget
FLORES	Paul Caesar	Mason	PHILIPPINES	Gou FUJIE	Japan Agency for Marine-earth Science and Technology	Seismic facies mapping of sediment input in Nankai Trough using machine learning
FISCHER	Lukas		GERMANY	Takeshi KAWASAKI	Nagoya University	Towards an order parameter of complex solids

List of Fellows Selected through Open Recruitment in Japan

Chemistry

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
YUAN	Peng		CHINA	Kosuke SUZUKI	The University of Tokyo	Polyoxometalate protected nanocluster catalysts for carbon dioxide reduction to value-added products
WU	Lin		CHINA	Takuji HATAKEYAMA	Kyoto University	Synthesis of hetero-buckybowls toward hetero-nanocarbon materials
LABELLA	Jorge	Santodomingo	SPAIN	Shu SEKI	Kyoto University	Tridentate Chiral Nanographenes: Universal Platforms for Organic Molecular Spintronics
YAO	Dazhi		CHINA	Hiroshi KITAGAWA	Kyoto University	Rational design of high-entropy alloy as bifunctional electrocatalysts for CO2 and plastic upcycling
SWAIN	Asim	Kumar	INDIA	Kenichiro ITAMI	RIKEN	Annulative pi-extension (APEX): revolutionizing the next generation of pi-extension
YANG	Shuai		CHINA	Susumu KITAGAWA	Kyoto University	The dynamic chemistry study of porous coordination polymer in electrocatalysis reactions
YE	Xiyun		CHINA	Hiroaki SUGA	The University of Tokyo	RaPID discovery of covalent bond forming drugs specific to proteins
XUE	Yuncong		CHINA	Takuzo AIDA	RIKEN	Bowl-shaped Molecule based Supramolecular Polymers for Organic Ferroelectrics
RAVICHANDRAN	Logeswaran		INDIA	Hideki YORIMITSU	Kyoto University	Tailor-made synthesis of chiral allylic amines in flow microreactors

List of Fellows Selected through Open Recruitment in Japan

Engineering sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
DIAZ GONZALEZ	Eva	Luisa	CHILE	Shunsuke FUKAMI	Tohoku University	Observation of THz spin-orbit torque-induced magnetization dynamics in antiferromagnets
HUAN	Ning		CHINA	Toshiyuki YAMAMOTO	Nagoya University	Research on Hydrogen Mobility Promotion Strategies and Refuelling Infrastructure Planning
MIZAN	Mahmudul	Hasan	BANGLADESH	Koji MATSUMOTO	Hokkaido University	Environmental and structural evaluations of Concrete-PCM Interface for service life prediction
LIANG	Shuzhang		CHINA	Fumihito ARAI	The University of Tokyo	Intelligent chip-on-robot for multi-mode manipulation of single cell
SALAMA	Eslam	Sobhy Tawfik Hassan	EGYPT	Chihiro YOSHIMURA	Tokyo Institute of Technology	Inactivation of cyanobacteria by solar photocatalysis using graphitic carbon nitride nanocomposite
KIM	Minjun		KOREA (REP. OF KOREA)	Yusuke ASAKURA	Nagoya University	High-entropy alloy-loaded mesoporous ZIF-8-derived carbon for efficient and durable electrocatalysis
IBRAHIM	Kiagus	Aufa	INDONESIA	Masahiro TAKEI	Chiba University	High-accuracy visualization of sodium ion concentration in the dermis layer by Planar-EIT
SHEN	Yufan		CHINA	Daisuke KAN	Kyoto University	Developing oxide Moire superstructures with multi-functional properties
HOU	Chuang		CHINA	Naoji MATSUHISA	The University of Tokyo	Biodegradable, biocompatible and stable phosphorene hydrogel for photothermal cancer therapy
XU	Yan		CHINA	Mayuko NISHIO	University of Tsukuba	Non-contact sensing for digital twin-driven rapid post-earthquake bridge assessment
JO	Junbeom		KOREA (REP. OF KOREA)	Nobuhito MORI	Kyoto University	Development of Integrated Multiple Coastal Hazard Model for Climate Change Impact Assessment
ZHANG	Jintong		CHINA	Kiyoshi KISHIDA	Kyoto University	Advanced THMC coupled analysis to support geological disposal of by-products after energy generation

List of Fellows Selected through Open Recruitment in Japan

Engineering sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
DUBEY	Prashant		INDIA	Yusuke YAMAUCHI	Nagoya University	Design of Heterostructured Electrodes for Magnesium Ion-Based Capacitors
LEE	Koomok		KOREA (REP. OF KOREA)	Masaki AZUMA	Tokyo Institute of Technology	Development of ultra-low power-consumption multiferrioc memory devise
ZHANG	Xiao		CHINA	Suguru NODA	Waseda University	Hierarchical structure control of electrocatalysts for efficient synthesis of renewable fuels
TSENG	Chin-Hao		TAIWAN	Atsushi UCHIDA	SAITAMA UNIVERSITY	High-speed physical random bit generation using bandwidth-enhanced chaos in semiconductor lasers
AN	Zhenhua		CHINA	Ryoichi KUROSE	Kyoto University	Elucidation and AI-driven modelling of combustion dynamics of liquid ammonia
ANAND	Vicky		INDIA	Taikan OKI	The University of Tokyo	A holistic approach for hydrologic flux exchange and water footprint in dynamic landscape
ZHANG	Yanyan		CHINA	Ryo NATSUAKI	The University of Tokyo	High-resolution wide-swath synthetic aperture radar and its application for CubeSat DEM generation
CHEN	Zhipeng		CHINA	Taichiro OKAZAKI	Hokkaido University	Development of Replaceable Steel Eccentrically Braced Frames
LUO	Chao		CHINA	Toshio TAGAWA	Tokyo Metropolitan University	Multiphysics modeling for exploring the application of self-adaptive structures in heat pipes
LU	Shun		CHINA	Yoshio HONDA	Nagoya University	Study on the development of all-GaN power integration platform
RANJAN	Subham		INDIA	Takuma YASUDA	Kyushu University	Development and Application of Ferroelastic Organic Crystals with Unexplored Photo-functions
LI	Aowen		CHINA	Naoya SHIBATA	The University of Tokyo	Local magnetic property measurements using magnetic field-free electron microscopy

List of Fellows Selected through Open Recruitment in Japan

Engineering sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
MU	Qifeng		CHINA	Yasuhiro ISHIDA	RIKEN	Ultra-high mechanical anisotropy and polarity in a composite hydrogel
LI	Ming		CHINA	Michiaki YAMASAKI	Kumamoto University	Strength and plasticity improvement by cross-scale heterostructure control in magnesium alloys
DAS KARMAKAR	Puja		INDIA	Keiji NUMATA	Kyoto University	Biomimetic fabrication of self-assembled polymer-peptide based system for gene delivery in humans
BINARTI	Floriberta		INDONESIA	Tetsu KUBOTA	Hiroshima University	Development of Low-Carbon Apartment Prototypes for Passive Climate Zones in Indonesia
SINGH	Sukhwinder		INDIA	Ken UCHIDA	The University of Tokyo	Phase Control and Realization of High-Performance Gas Sensors by TMD/Oxide Interface Engineering
APOSTOLOPOULOS	Antonios		GREECE	Yoshiho IKEUCHI	The University of Tokyo	Multi-scale understanding of presynaptic plasticity in connected neural organoid networks.
SHARMA	Shubham		INDIA	Takao SOMEYA	The University of Tokyo	Super Flexible, 3-Dimensional, Photo-Controlled Complementary Inverter with Printable Semiconductors

List of Fellows Selected through Open Recruitment in Japan

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
MARQUARDT	Alexander		GERMANY	Kiyoshi KIYOKAWA	Nara Institute of Science and Technology	Sensory Synergies: Cross-Modal Effects of Head-Based Stimuli to Enhance User Interaction in XR
LIN	Pengfei		CHINA	Manabu TSUKADA	The University of Tokyo	V2X-Enhanced Collaborative Vehicle-Infrastructure Autonomous Driving System
HU	Nick		UNITED KINGDOM	Masahito HASEGAWA	Kyoto University	String-diagrammatic representations of programs
AHMED	Imran		INDIA	Eiji OKI	Kyoto University	Resource Allocation in Spectrally-Spatially Optical Networks Secured by Quantum Key Distribution
JANKOVSKAJA	Skaidre		LITHUANIA	Hiroshi TSUGAWA	Tokyo University of Agriculture and Technology	Exploring Lipid Biomarkers in Melanoma by Non-Invasive Skin Sampling and Untargeted Lipidomics
DAS	Souvik		INDIA	Hideaki ISHII	The University of Tokyo	Cyber-Physical Security for Distributed State Estimation with Applications to Power Systems

List of Fellows Selected through Open Recruitment in Japan

Biological sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
MOHALLEM FERREIRA	Rodrigo		BRAZIL	Makoto HAYASHI	Kyoto University	Multi-Omics Approach for Deciphering Cellular Response to a Single Defined Sister Chromatid Fusion
TAN	Wei Cheng		MALAYSIA	Teppei JONO	Kyoto University	Process and drivers of diversification on sexually dimorphic traits in Asian agamid lizards
CHEN	Kai-Hsiu		TAIWAN	Atsushi KAWAKITA	The University of Tokyo	Negative frequency-dependent selection via female and male functions in a flexistylous plant
IDZIAK	Agata	Justyna	POLAND	Yasunori HAYASHI	Kyoto University	Synaptic glutamate receptor nanodomain formation via LLPS consists a novel mechanism of plasticity
MINNE	Max		BELGIUM	Keiko SUGIMOTO	RIKEN	Elucidation of plant regenerative capabilities by single cell analysis
BEGENG	James	Michael	AUSTRALIA	Terufumi FUJIWARA	RIKEN	Unravelling the neural circuitry of fine motor control during walking

List of Fellows Selected through Open Recruitment in Japan

Agriculture/Environmental sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
JUNG	Minhyung		KOREA (REP. OF KOREA)	Yoshitomo KIKUCHI	National Institute of Advanced Industrial Science and Technology	Molecular basis underpinning the impact of gut microbes on insect host behavior
KIM	Suhyun		KOREA (REP. OF KOREA)	Yusuke OKAZAKI	Kyoto University	Resolving the adaptive evolution behind the uncultivability of dominant freshwater bacteria
ZHAO	Yongwei		CHINA	Yohei KATSUYAMA	The University of Tokyo	Biosynthetic studies and genome mining of diazo group-containing natural products
CORREIA CAEIRO	Catia	Filipa	PORTUGAL	Takako MIYABE	Kyoto University	Visualisation, automation, and development of communication and emotion in primates
GUO	Guangze		CHINA	Takuro KOBAYASHI	National Institute for Environmental Studies	Enhanced biodegradation and digestion performance of sludge by carbon material assisted-AnMBR
NIE	Wenhan		CHINA	Kotaro KIGA	National Institute of Infectious Diseases	Unlocking bacterial phage defense mechanisms for improved phage therapy
MENG	Dawei		CHINA	Yasuaki TAKAGI	Hokkaido University	Development of monolayer scaffolds for chondrocytes using sturgeon notochordal sheath
FABRIKOV FABRIKOV	Dmitri		SPAIN	Yutaka HAGA	Tokyo University of Marine Science and Technology	Promotion of fish growth and welfare by sustainable aquafeeds to achieve recycling-oriented society
HAKIM	Azizul		BANGLADE SH	Shoichiro HAMAMOTO	Hokkaido University	Aggregation and transport of microplastics in soils: Effects of humic and clay colloids
SUN	Zhuang		CHINA	Junichiro OTOMO	Tokyo Institute of Technology	Hydrogen and synthetic fuel production from biomass and solid waste using chemical looping method
JEWEL	Md Arif Hossain		BANGLADE SH	Kazunori FUJISAWA	Kyoto University	Erosion threshold for sand-microplastic mixtures and pure microplastic
CUI	Jinsheng		CHINA	Takayoshi AWAKAWA	RIKEN	Investigation of Novel Natural Product Biosynthetic Pathway Derived from Coenzyme NAD

List of Fellows Selected through Open Recruitment in Japan

Agriculture/Environmental sciences

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
YU	Jaeyoung		KOREA (REP. OF KOREA)	Tetsushi MORI	Tokyo University of Agriculture and Technology	The development of CPP-MB, a next generation specific isolation technique for live marine bacteria.
ABDELHAMID	Gamal	Nasser Abdelhady	EGYPT	Ryuichi HIROTA	Hiroshima University	Energy Generation System for Robust Bioproduction Using a Synthetic Phosphorus Metabolic Pathway
SCHLARMANN	Philipp	Christoph Joseph	GERMANY	Koichi FUNATO	Hiroshima University	Molecular mechanism of LD-Golgi-ER tripartite junction formation and its roles
ANDRIANTO		Eko	INDONESIA	Norihide HINOMOTO	Kyoto University	Role of Heat Shock Proteins and Influence of Symbionts on Thermotolerance in Orius strigicollis
RAKOTOARIMA NANA	Zy Harifidy		MADAGASCAR	Nobuhito OHTE	Kyoto University	Effects of deforestation/climate change on hydrological processes in the Betsiboka basin Madagascar
KIM	Jae Ho		KOREA (REP. OF KOREA)	Yuki NAKAMURA	RIKEN	Effect of lipid desaturation on flowering time by analyzing the flowering phenotype of FAD mutants.
HUYNH	Lam	Thi Mai	VIET NAM	Alexandros GASPARATOS	The University of Tokyo	Integrate Nature-based Solution for Climate-resilient Urban Infrastructure and Transformative Change
ABEA CAMBRONERO	Andres	Alejandro	SPAIN	Mika FUKUOKA	Tokyo University of Marine Science and Technology	Construction of a cooking simulation model for the development of advanced microwave heating systems
KONER	Suproakash		INDIA	Mei-fang CHIEN	Tohoku University	A scope of microbial-enhanced phytomining of nickel for sustainable resource utilization

List of Fellows Selected through Open Recruitment in Japan

Medicine dentistry and pharmacy

Fellow			Nationality	Host Researcher	Host Institution	Research Theme
Family Name	First Name	Middle Name				
PAUL	Sudip	Kumar	BANGLADESH	Naoya TAKAYAMA	Chiba University	Development of an Atherosclerosis Research Platform Using Human iPSC-derived Immortalized Cells
JEONG	Inhyeok		KOREA (REP. OF KOREA)	Kazutoshi KUDO	The University of Tokyo	Development of training methods to improve cognitive function in elderly and esports athletes
CHANDRA	Devesh		INDIA	Masakatsu SHIBASAKI	Microbial Chemistry Research Foundation	Development of novel molecular editing for productive lead optimization
CHRISTENSEN	Rikke	Louise	DENMARK	Hayato TAKAHASHI	KEIO UNIVERSITY	Analysis on novel immunoregulatory mechanism and the related cell death via cholesterol metabolism
ALI	Md	Hanif	BANGLADESH	Tamotsu TANAKA	Tokushima University	Pathological and therapeutical study on peroxisomal disease using a demyelination model
DARWISH	Mohamed	Ibrahim Sayed Ibrahim	EGYPT	Takatoshi IIJIMA	Tokai University	Exploring a novel molecular pathway that links neurodevelopmental and neurodegenerative disorders
FERDOUSY	Raihana	Nasrin	BANGLADESH	Masashi FUJITANI	Shimane University	Molecular mechanisms of oligodendrocyte precursor cell differentiation regulated by UBE3A.
HO	Wen-Jin		TAIWAN	Yosinori HARADA	KPUM	Elucidation of the mechanism of intractable ventricular arrhythmias using multimodal imaging
REFAAT	Ahmed	Mohamed	EGYPT	Takaaki YASUHARA	Kyoto University	Exploring Phase Separation Dynamics and Their Impact on Oncogenic Recombination in B Cells
EAIN	Htoo Shwe		MYANMAR	Hitoshi NAGATSUKA	Okayama University	Assessing the Influence of Chemokine Post-Translational Modifications on TME Characteristics
ABDELWAHID	Mazin	Abdelazim Suliman	SUDAN	Minoru ISHIKAWA	Tohoku University	Discovery of Potent Mitochondrial Targeted Protein Degraders Recruiting Caseinolytic Protease P
ALAM	Mahabub		BANGLADESH	Kazuhiko IGARASHI	Tohoku University	Deciphering the roles of S-adenosylmethionine and its synthetic enzymes in the mammalian aging