

# JSPS Postdoctoral Fellowship for Overseas Researcher

## FY 2017 Chubu

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
NOOTCHANAT, S.  THAILAND	NIR-activate Organic Solar Cells Induced by Hybrid Plasmonic System	Niigata University BABA, Akira Associate Professor Institute of Science and Technology	Nov 13, 2017~ Nov 12, 2018	Chubu Niigata
PARK, J.  KOREA (REP. OF KOREA)	Mechanism analysis of microenvironment generation and malignant progression of gastric cancer	Kanazawa University OSHIMA, Masanobu Professor Cancer Research Institute	Sep 1, 2017~ Aug 31, 2019	Chubu Ishikawa
DUTTA CHOWDHURY, A.  INDIA	Photonic and electrochemical based dengue serotype-specific detection using carbon quantum dots	Shizuoka University PARK, Enoch y. Professor Research Institute of Green Science and Technology	Nov 29, 2017~ Nov 28, 2019	Chubu Shizuoka
JAIN, R. M.  INDIA	Production of a new lasso peptide by heterologous expression based on genome mining	Shizuoka University KODANI, Shinya Associate Professor Faculty of Agriculture	Nov 17, 2017~ Nov 16, 2019	Chubu Shizuoka
GANSER, C.  AUSTRIA	Self-repair and mechanical properties of microtubules studied by high-speed atomic force microscopy	Nagoya University UCHIHASHI, Takayuki Professor Graduate School of Science	Apr 3, 2017~ Apr 2, 2019	Chubu Aichi
ROMANO DE PAULA, V.  BRAZIL	Understanding the link between natural enemies, feeding competition and the evolution of sociality	Kyoto University MACINTOSH, Andrew Associate professor Primate Research Institute	Nov 27, 2017~ Nov 26, 2019	Chubu Aichi
CHENG, X.  CHINA	Development of TiO2 as carrier selective contacts for high efficiency silicon solar cells	Nagoya University USAMI, Noritaka Professor Graduate School of Engineering	Apr 11, 2017~ Apr 10, 2019	Chubu Aichi
YE, W.  CHINA	Regulation of plasma membrane H <sup>+</sup> - ATPase in microbe-associated molecular pattern signaling	Nagoya University KINOSHITA, Toshinori Professor Institute of Transformative Bio-Molecules	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi

YIWUREYIMUJIANG, S.  CHINA	Development of Antifreeze Glycoproteins, which Structure was Regulated by the Fluorine-Gauche Effect	Nagoya Institute of Technology SHIBATA, Norio Professor Graduate School of Engineering	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi
ZENG, X.  CHINA	Efficient utilization of high-water and high-nitrogen biomass waste for clean energy production	Nagoya University NARUSE, Ichiro Professor Institute of Materials and Systems for Sustainability	Nov 16, 2017~ Nov 15, 2019	Chubu Aichi
CARRETERO-PINZON, X.  COLOMBIA	Evaluation of primate habitat fragmentation: What do primate faeces tell us?	Chubu University MATSUDA, Ikki Associate Professor Chubu University Academy of Emerging Sciences	Nov 29, 2017~ Nov 28, 2019	Chubu Aichi
KUBENOVA, B.  CZECH	Infant handling and social integration of infants and juveniles in wild Japanese macaques	Kyoto University MACINTOSH, Andrew Associate professor Primate Research Institute	Nov 1, 2017~ Oct 31, 2019	Chubu Aichi
RAKERS, C.  GERMANY	Computer-driven search for bioactive molecules to control parasitic plant <i>Striga hermonthica</i>	Nagoya University TAMA, Florence Professor Graduate School of Science	Nov 1, 2017~ Oct 31, 2019	Chubu Aichi
DUBOSCQ, J. A.  FRANCE	Informing primate health management: linking host behavior to disease transmission	Kyoto University MACINTOSH, Andrew Associate Professor Primate Research Institute	Sep 9, 2017~ Sep 8, 2019	Chubu Aichi
CHAN, A. K.  UNITED KINGDOM	Tilting derived categories of Brauer graph algebras via surface combinatorics	Nagoya University IYAMA, Osamu Professor Graduate School of Mathematics	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi
REARDON, P.  UNITED KINGDOM	Development of silica hybrid antibacterial nanoparticles/nanofibres	Nagoya Institute of Technology OBATA, Akiko Associate Professor Graduate School of Engineering	Nov 27, 2017~ Nov 26, 2019	Chubu Aichi
WONG, H.  UNITED KINGDOM	Tilting Complex and Perverse Equivalence in Representation Theory	Nagoya University IYAMA, Osamu Professor Graduate School of Mathematics	Nov 29, 2017~ Nov 28, 2019	Chubu Aichi

DESHMUKH, D. K.       INDIA	Carbon isotope ratios of organic aerosols over the North Pacific: sources and atmospheric processing	Chubu University KAWAMURA, Kimitaka Professor Chubu Institute for Advanced Studies	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi
MANNA, S. K.       INDIA	Development of chiral thiolate metal complex: Application for asymmetric reductive amination	Nagoya University KITAMURA, Masato Professor Graduate School of Pharmaceutical Sciences	Oct 31, 2017~ Oct 30, 2019	Chubu Aichi
BAE, S.       KOREA (REP. OF KOREA)	Effects of health promotion programs on cerebral white matter integrity and cognitive function	National Center for Geriatrics and Gerontology SHIMADA, Hiroyuki Director of the Reserch Department Department of Preventive Gerontology	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi
GALLE HETTI ARACHCHIGE, J. J.       SRI LANKA	Formulation of a theoretical framework to describe the geomaterials containing expansive minerals	Meijo University KODAKA, Takeshi Professor Faculty of Science and Technology	Apr 1, 2017~ Mar 31, 2019	Chubu Aichi
KRZESZEWSKI, M. R.       POLAND	Nonplanar molecular nanocarbons: the synthesis and application of $\pi$ -expanded polycyclic aromatic hydrocarbons	Nagoya University ITAMI, Kenichiro Professor Institute of Transformative Bio-Molecules	Oct 15, 2017~ Oct 14, 2019	Chubu Aichi
YENIDOGAN, H. C.       TURKEY	Seismic performance enhancement and assessment of buildings based on a bottom-slide foundation	Nagoya University NAGAE, Takuya Associate Professor Disaster Mitigation Research Center	May 24, 2017~ May 23, 2019	Chubu Aichi
GUH, Y.       TAIWAN	Impacts of CO <sub>2</sub> -driven ocean acidification on seasonal reproduction in marine fish	Nagoya University YOSHIMURA, Takashi Professor Institute of Transformative Bio-Molecules	Jun 1, 2017~ May 31, 2019	Chubu Aichi
HAINES, JR., M. F.       U.S.A.	Selective area growth of GaN on glass using an AIC seed layer for micro-LED applications	Nagoya University USAMI, Noritaka Professor Graduate School of Engineering	Nov 28, 2017~ Nov 27, 2019	Chubu Aichi