

# JSPS Postdoctoral Fellowship for Overseas Researcher

## FY 2020 Kyushu

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
HOEFLER, T.  AUSTRIA	Behavior of C and O During Sintering of Ni-based Superalloy MIM Parts: A Simulation Approach	Kyushu University SHINAGAWA, Kazunari Professor Faculty of Engineering	Nov 30, 2020~ Nov 29, 2022	Kyushu Fukuoka
LIU, H.  CHINA	Characterization of Crack Nucleation in Titanium Alloys with Metastable Microstructures	Kyushu University CHEN, Qiang Professor Faculty of Engineering	Nov 26, 2020~ Nov 25, 2022	Kyushu Fukuoka
TETARD, M.  FRANCE	A radiolarian database for automated recognition using CNNs and paleoenvironmental reconstructions.	Kyushu University OKAZAKI, Yusuke Associate Professor Faculty of Science	Jul 29, 2021~ Jul 28, 2023	Kyushu Fukuoka
DION, T. C.  UNITED KINGDOM	Spin-Wave Dynamics in Yttrium Iron Garnet / Nanomagnet Hybrid Devices for Magnonic Computing	Kyushu University KIMURA, Takashi Professor Faculty of Science	Apr 30, 2021~ Apr 29, 2023	Kyushu Fukuoka
SINGH, B.  INDIA	Hyperpolarization of guest molecules based on nanoporous materials and its applications	Kyushu University YANAI, Nobuhiro Associate Professor Faculty of Engineering	Jun 1, 2021~ May 31, 2023	Kyushu Fukuoka
CARLINO, S.  ITALY	An electronic dictionary for Iheya Okinawan, a Northern Ryukyuan language	Kyushu University SHIMOJI, Michinori Associate Professor Faculty of Humanities	Apr 1, 2020~ Mar 31, 2022	Kyushu Fukuoka
NGUYEN, T. V.  VIET NAM	Investigation of the effects of global warming on arsenic mobilization in groundwater in Asia	Kyushu University KUWAHARA, Yoshihiro Professor Faculty of Social and Cultural Studies	Apr 1, 2020~ Mar 31, 2022	Kyushu Fukuoka
RAHMAN, M. A.  SWEDEN	Removal of toxic heavy metals using natural composite membranes made of agro-wastes and dead microbial biomass	Saga University KOBAYASHI, Genta Professor Faculty of Agriculture	Nov 28, 2020~ Nov 27, 2022	Kyushu Saga

SRINURAK, N.  THAILAND	Historic City Tolerance: evacuation simulation index considering simultaneous street obstructions	Saga University MISHIMA, Nobuo Professor Faculty of Science and Engineering	Oct 30, 2020~ Oct 29, 2022	Kyushu Saga
QIN, X.  CHINA	Molecular mechanism of transdifferentiation of chondrocytes and origin of bone marrow osteoblasts	Nagasaki University KOMORI, Toshihisa Professor Graduate School of Biomedical Sciences	Oct 1, 2020~ Sep 30, 2022	Kyushu Nagasaki
ZHANG, T.  CHINA	Molecular mechanisms of glutathione transport-dependent regulation of NLRP3 inflammasome	Kumamoto University SAWA, Tomohiro Professor Faculty of Life Sciences	Oct 1, 2020~ Sep 30, 2022	Kyushu Kumamoto
ALIABADIAN, Z.  AUSTRALIA	Elucidation of microcracking mechanism in anisotropic rock and optimization of indirect tensile test	Kumamoto University SAINOKI, Atsushi Associate professor International Research Organization for Advanced Science and Technology	Nov 22, 2020~ Nov 21, 2022	Kyushu Kumamoto
ORTUSTE QUIROGA, H. P.  UNITED KINGDOM	Targeting mu-crystallin to develop a novel therapy for muscle weakness	Kumamoto University ONO, Yusuke Associate Professor Institute of Molecular Embryology and Genetics	Apr 1, 2020~ Mar 31, 2022	Kyushu Kumamoto
GLEADHILL, S.  AUSTRALIA	Optimising load prescriptions for resisted sprint training using velocity decrement	National Institute of Fitness and Sports in Kanoya NAGAHARA, Ryu Senior Assistant Professor Faculty of Sports and Budo Coaching Studies	Apr 1, 2020~ Mar 31, 2022	Kyushu Kagoshima