

**List of Fellows FY2019 (Strategic)**

Fellow			Host Researcher		Host Institution	Research Theme
Family Name	First Name	Middle Name	Family Name	First Name		
Hensley	Nicholai	Marcus	MITANI	Yasuo	National Institute of Advanced Industrial Science and Technology	Correlating site-specific changes in the bioluminescent proteins of sea fireflies to functional shifts in behavior
Xie	Meng		OMORI	Yasuhiro	The University of Tokyo	Bayesian dynamic modeling and decision theory for high-dimensional time series
Belott	Clinton	James	GUSEV	Oleg	RIKEN	The Effect of ARID proteins on Mitochondrial Morphology during Desiccation and Rehydration
Dohner	Julia	Lynn	MITARAI	Satoshi	Okinawa Institute of Science and Technology Graduate University	Using d13C and Other Biogeochemical Measurements to Understand the Chemistry of Okinawa Reefs
Dang	Phillip		TANAKA	Masaaki	The University of Tokyo	Spin Orbit Torques in Ferromagnetic Semiconductors with High Curie Temperature
Ketchum	Remi	Nikita	SATOH	Noriyuki	Okinawa Institute of Science and Technology Graduate University	Comparative genomics of a recent species radiation in the sea urchin genus Echinometra from the western Pacific Ocean
BURES	Lubomir		YABUKI	Tomohide	Kyushu Institute of Technology	Fundamental study on microlayer forming process in nucleate boiling
LOBSIGER	Nadine		ZAKO	Tamotsu	Ehime University	Advances toward the development of a use-friendly, long-term storable and mass-producible biosensor platform
RITSCH	Irina	Kerstin	SHIRAKAWA	Masahiro	Kyoto University	Studying protein pre-organization in flows by a combination of Rheo-NMR and Paramagnetic Relaxation Enhancement
SCHNEIDER	Mariane	Yvonne Judith	HARADA	Hidenori	Kyoto University	Quantification of the biological treatment performance of on-site wastewater treatment plants with unmaintained sensors
TESTA	Andrea		LAURINO	Paola	Okinawa Institute of Science and Technology Graduate University	Development at In Vitro Model of Active Cytoplasm
ZONI	Valeria		SHINODA	Wataru	Nagoya University	Structural characterization of intracellular lipid droplets using molecular dynamics simulations
CACUCCILO	Vito		SUZUMORI	Koichi	Tokyo Institute of Technology	Fluid muscles for untethered soft exoskeletons