

FY2013

JSPS Postdoctoral Fellowship for Foreign Researcher

Field: **Chemistry**

Note:

- Regions and prefectures are listed in right-hand column.
- Regional and prefectural maps are available on the top page.

JSPS Postdoctoral Fellowship for Foreign Researcher
(FY 2005 Humanities and Social Sciences)

Name (Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AAKRE, B. M. NORWAY	Design and Entrepreneurship Education in Japan and Norway	Hokkaido Tokai University KAWASAKI, Kazuhiko Professor <i>School of International Cultural Relations</i>	Nov. 1, 2005— Feb. 28, 2007	Hokkaido Hokkaido
ABDUL, W. PAKISTAN	Public Debt Burden and Slow Economic Growth: A Case Study of Severely Indebted Low Income Country	University of Nagoya EZAKI, Mitsuo Professor <i>Graduate School of International Development</i>	Apr. 1, 2005— Mar. 31, 2007	Chubu Aichi
AKSARTOVA, S.	The Impact of the End of the Cold War on Japan's	Hosei University KAWASAKI, Nobuo	Nov. 1, 2005— Oct. 31, 2006	Kanto Tokyo

Region
Prefecture

Hokkaido
Hokkaido

Chubu
Aichi

Kanto
Tokyo

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AMOLEGBE, S. A. NIGERIA	Construction of photocatalyst and energy conversion system in graphene hybrids	Kumamoto University HAYAMI, Shinya Professor Graduate School of Science and Technology	Nov. 30, 2013~ Nov. 29, 2015	Kyushu Kumamoto
BARBIER, T. FRANCE	Multi-functional Materials with Artificially Layered Structures	National Institute of Advanced Industrial Science and Technology FUNAHASHI, Ryoji Chief Senior Researcher Research Institute of Ubiquitous Energy Devices	Nov. 29, 2013~ Nov. 28, 2015	Kinki Osaka
BASTAKOTI, B. P. NEPAL	Synthesis and application of functional hollow nanoparticles by using new block copolymers	National Institute for Materials Science YAMAUCHI, Yusuke Independent Scientist World Premier International (WPI) Research Center for Materials Nanoarchitectonics (MANA)	Apr. 1, 2013~ Mar. 31, 2015	Kanto Ibaraki
BHADRA, S. INDIA	Development of New Chiral Combined Acids	Chubu University YAMAMOTO, Hisashi Professor Institute of Science and Technology Research	Sep. 1, 2013~ Aug. 31, 2015	Chubu Aichi
CHANG, T.-C. TAIWAN	Synthesis of glycoantigens and application for synthetic conjugate vaccines	Osaka University FUKASE, Koichi Professor Graduate School of Science	Oct. 1, 2013~ Sep. 30, 2015	Kinki Osaka
COPLEY, G. J. UNITED KINGDOM	Elaborate Organic Synthesis of Porphyrin Nano-Tubes	Kyoto University OSUKA, Atsuhiko Professor Graduate School of Science	Apr. 1, 2013~ Mar. 31, 2015	Kinki Kyoto
DHANANJAYAN, V. INDIA	Creation of new molecules by highly efficient functionalization of porphyrin peripheries	Kyoto University YORIMITSU, Hideki Associate Professor Graduate School of Science	Apr. 1, 2013~ Mar. 31, 2015	Kinki Kyoto
DHITAL, R. N. NEPAL	Gold-based Multimetallic Catalysis for Low Temperature Activation of Unactivated Bond	National Institutes of Natural Sciences SAKURAI, Hidehiro Associate Professor Institute for Molecular Science	Oct. 1, 2013~ Sep. 30, 2015	Chubu Aichi

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FABER, J. M. AUSTRALIA	Synthesis of chemical libraries of Calyculin A as selective phosphatase inhibitors	The University of Tokyo ABE, Ikuro Professor Graduate School of Pharmaceutical Sciences	Nov. 24, 2013~ Nov. 23, 2015	Kanto Tokyo
GALANGAU, O. F. FRANCE	Luminescent diarylethenes as photo-reactive compounds for OLED devices	Nara Institute of Science and Technology KAWAI, Tsuyoshi Professor Graduate School of Materials Science	May. 8, 2013~ Nov. 7, 2014	Kinki Nara
GEIERMANN, A.-S. GERMANY	Pro-Drugging of Natural Product-Like Macrocyclic N-Methyl-Peptides from a Ribosome-Expressed Library	The University of Tokyo SUGA, Hiroaki Professor Graduate School of Science	Nov. 30, 2013~ Nov. 29, 2015	Kanto Tokyo
HUANG, Y CHINA	Photo-Tunable Single-ion Magnets	Kyushu University SATO, Osamu Professor Institute for Materials Chemistry and Engineering	Apr. 29, 2013~ Apr. 28, 2015	Kyushu Fukuoka
JAMES, C. UNITED KINGDOM	The development of carbon dioxide-philic hydrocarbon surfactants for water-in-CO ₂ microemulsions	Hirosaki University YOSHIZAWA, Atsushi Professor Graduate School of Science and Technology	Nov. 30, 2013~ May. 29, 2015	Tohoku Aomori
JEONG, H. KOREA (REP. OF KOREA)	Chemical detection of epigenetic modification of nucleic acids	The University of Tokyo OKAMOTO, Akimitsu Professor Research Center for Advanced Science and Technology	Sep. 1, 2013~ Aug. 31, 2015	Kanto Tokyo
JI, W. CHINA	Development of Novel SERS Sensing Platform Based on Chemical Enhancement Contribution	Kwansei Gakuin University OZAKI, Yukihiro professor School of Science and Technology	Oct. 30, 2013~ Oct. 29, 2015	Kinki Hyogo
JIMENEZ, Z. A. COLOMBIA	Construction of novel chemical systems using self-oscillating gels	The University of Tokyo YOSHIDA, Ryo Professor School of Engineering	Jun. 4, 2013~ Dec. 3, 2014	Kanto Tokyo

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JIN, L. CHINA	Local vibrational analysis for bioreactivity and cooperativity mechanism analysis	Kyushu University AOKI, Yuriko Professor Faculty of Engineering Sciences	Nov. 18, 2013~ Nov. 17, 2015	Kyushu Fukuoka
JONGKEES, S. A. NEW ZEALAND	Non-traditional peptide leads that inhibit hypoxia Inducible Factor-1	The University of Tokyo SUGA, Hiroaki Professor Graduate School of Science	Aug. 1, 2013~ Jul. 31, 2015	Kanto Tokyo
KALATHIL, S. INDIA	Elucidation of electron transport mechanism in microbe Isolated from wastewater treatment biocathode	The University of Tokyo HASHIMOTO, Kazuhito Professor School of Engineering	Oct. 1, 2013~ Sep. 30, 2015	Kanto Tokyo
LEE, H. KOREA (REP. OF KOREA)	Development of General Procedure to Product Well-defined Linear Polymer Ligands	Kyushu University MIURA, Yoshiko Professor Faculty of Engineering	Sep. 1, 2013~ Aug. 31, 2015	Kyushu Fukuoka
LI, L. CHINA	A New Chemistry of Extremely Unstable Silicon Species in Nanospace of Porous Coordination Polymers	Kyoto University KITAGAWA, Susumu Professor Institute for Integrated Cell-Material Sciences	Apr. 1, 2013~ Mar. 31, 2015	Kinki Kyoto
LI, C. CHINA	Tailored Design of All-Metal Nanostructured Electrodes	National Institute for Materials Science YAMAUCHI, Yusuke Independent Scientist World Premier International Research Center for Materials Nanoarchitectonics	Oct. 1, 2013~ Sep. 30, 2015	Kanto Ibaraki
LIU, G. CHINA	Flexibly designed nanocalipers for isolation of graphene with specific number of layers	Shiga University of Medical Science KOMATSU, Naoki Associate Professor Faculty of Medicine	Sep. 1, 2013~ Aug. 31, 2015	Kinki Mie
MAITY, B. INDIA	Development of Catalytic Protein Cages by Three-Dimensional Alignment of Gold Nanoclusters	Tokyo Institute of Technology UENO, Takafumi Professor Graduate School of Bioscience and Biotechnology	Oct. 29, 2013~ Oct. 28, 2015	Kanto Kanagawa

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MANDAL, M. BANGLADESH	Development of ionization methods for biological mass spectrometry	University of Yamanashi HIRAOKA, Kenzou Professor University of Yamanashi	Apr. 1, 2013~ Feb. 28, 2014	Chubu Yamanashi
MOLAYEM, M. IRAN	Hybrid method of elongation optimization with Monte Carlo for DNA replication mechanism analysis	Kyushu University AOKI, Yuriko Professor Faculty of Engineering Sciences	Sep. 30, 2013~ Sep. 29, 2015	Kyushu Fukuoka
MULYANA, Y. AUSTRALIA	Electron transfer properties in dye-catalyst assembly: toward devices for artificial photosynthesis	The University of Tokyo ISHII, Kazuyuki Professor Institute of Industrial Science	Oct. 15, 2013~ Oct. 14, 2015	Kanto Tokyo
PANDEY, R. K. INDIA	Development of organic-metallic hybrid polymers with high proton conductivity	National Institute for Materials Science HIGUCHI, Masayoshi Group leader Advanced Key Technologies Division	Jun. 1, 2013~ May. 31, 2015	Kanto Ibaraki
PARVATKAR, P. T. INDIA	Design and synthesis of heterocyclic antimicrobial agents that inhibit non-mevalonate pathway	Kyoto University OHKANDA, Junko Associate Professor Institute for Chemical Research	Oct. 22, 2013~ Oct. 21, 2015	Kinki Kyoto
ROGERS, J. M. UNITED KINGDOM	Non-canonical backbone reprogramming of peptides in ribosome catalysis	The University of Tokyo SUGA, Hiroaki Professor Graduate School of Science	Nov. 30, 2013~ Nov. 29, 2015	Kanto Tokyo
RUANGSUPAPICHAT, N. THAILAND	New NIR dyes based on dihydroindolo[3,2-b]indole for solar cells	The University of Tokyo NAKAMURA, Eiichi Professor Graduate School of Science	Apr. 1, 2013~ May. 29, 2013	Kanto Tokyo
SEN, R. INDIA	Control of Orbital Angular Momentum by Light	Kyushu University SATO, Osamu Professor Institute for Materials Chemistry and Engineering	Nov. 18, 2013~ Nov. 17, 2015	Kyushu Fukuoka

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SUPUR, M. TURKEY	Metal-free, carbon-based photocatalyst system for hydrogen evolution	Osaka University FUKUZUMI, Shunichi Professor Graduate School of Engineering	Oct. 1, 2013~ Sep. 30, 2015	Kinki Osaka
TANZER, E.-M. GERMANY	Unravelling Traditional Asian Medicines: Ardimerin as a Case Study	Tokyo Institute of Technology SUZUKI, Keisuke Professor Department of Chemistry	Apr. 14, 2013~ Apr. 13, 2014	Kanto Tokyo
VONG, K. K. CANADA	Noninvasive Synthetic Surgery: Synthesis of Bioactive Peptides on Cells and Organs in Live Anilams	RIKEN TANAKA, Katsunori Associate Chief Scientist Biofunctional Synthetic Chemistry Laboratory	Nov. 27, 2013~ Nov. 26, 2015	Kanto Saitama
WU, P. CHINA	Luminescent tracking and selective gas sorption in soft porous crystals	Kyoto University KITAGAWA, Susumu Professor Institute for Integrated Cell-Material Sciences	Nov. 24, 2013~ Nov. 23, 2015	Kinki Kyoto
YAN, Q. CHINA	Development of Electron-accepting Molecules and their Aggregates for Organic Solar Cells	The University of Tokyo NAKAMURA, Eiichi Professor School of Science	Nov. 29, 2013~ Nov. 28, 2015	Kanto Tokyo
ZHANG, H. CHINA	Synthesis of extended aromatic materials by oxidative coupling	Nagoya University ITAMI, Kenichiro Professor Institute of Transformative Bio-Molecules	Aug. 31, 2013~ Aug. 30, 2015	Chubu Aichi
ZHENG, Z. CHINA	Characteristics of TiO ₂ Photocatalytic Reactions Using Time- and Space-resolved Spectroscopy	Osaka University MAJIMA, Tetsuro professor The Institute of Scientific and Industrial Research	Jun. 1, 2013~ May. 31, 2015	Kinki Osaka