

# FY2009

## JSPS Postdoctoral Fellowship for Foreign Researcher

Field: **Agricultural Sciences**

note:

- Regions and prefectures are listed in right-hand column.
- Scroll down to find map of regions and prefectures.

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(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  MORIMOTO, Nobuyuki Professor <i>School of International Studies</i>	Nov. 1, 2005— Oct. 31, 2006	Kanto Tokyo

Region  
Prefecture

Hokkaido  
Hokkaido

Chubu  
Aichi

Kanto  
Tokyo

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ABDEL-ALEEM, A. S.  EGYPT	Mechansms of PON-1 reduction during enteric nematode infection and its consequences	University of Miyazaki HORII, Yoichiro Professor Faculty of Agriculture	Sep. 8, 2009~ Sep. 7, 2011	Kyushu Miyazaki
ALI, A.  PAKISTAN	Molecular analysis of the host determinant in potyviral genes	Utsunomiya University NATSUAKI, Tomohide Professor Faculty of Agriculture	Nov. 30, 2009~ Nov. 29, 2011	Kanto Tochigi
ALIM, M. A.  BANGLADESH	Study on functional analyses of tick protease inhibitors and their application	National Agriculture and Food Research Organization TSUJI, Naotoshi Senior Researcher National Institute of Animal Health	Sep. 25, 2009~ Sep. 24, 2011	Kanto Ibaraki
ANTWI, E. K.  GHANA	Integrating GIS and Remote Sensing for Assessing the Rates, Causes and Impact of Land Use/Land Cover Changes in the Regions of Ghana	The University of Tokyo TAKEUCHI, Kazuhiko Deputy Executive Director Integrated Research Sustainability Science	Sep. 1, 2009~ Aug. 31, 2011	Kanto Tokyo
ASHUTOSH  INDIA	Identificcation and cloning of male fertlity restorer gene(s) of CMS Brassica oleracea	Tohoku University NISHIO, Takeshi Professor Graduate School of Agricultural Science	Sep. 16, 2009~ Sep. 15, 2011	Tohoku Miyagi
BADEJO, A. A.  NIGERIA	Molecular analysis of the accumulation of ascorbic acid in acerola and tomato fruits	Shimane University ISHIKAWA, Takahiro Associate Professor Faculty of Life and Environmental Science	Nov. 19, 2009~ Nov. 18, 2011	Chugoku Shimane
BHAKTA, J. N.  INDIA	Development of probiotic bacteria to protect fish from heavy metal contamination	Kochi University OHNISHI, Kouhei Professor Molecular Genetics Facilities	Sep. 1, 2009~ Aug. 31, 2011	Shikoku Kochi
CHAFFAI, R. B.  TUNISIA	Characterization of heavy metal tolerance of the roots by natural variation approach in Arabidopsis	Gifu University KOYAMA, Hiroyuki Professor Faculty of Applied Biological Sciences	Sep. 10, 2009~ Sep. 9, 2011	Chubu Gifu

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
CHANG, W.-S.  TAIWAN	Development of Analytical method on Wooden Structures Composed of Semi-Rigid Frame and Shear Walls	Kyoto University KOMATSU, Kohei Professor Research Institute for Sustainable Humanosphere	Aug. 1, 2009~ Jul. 31, 2011	Kinki Kyoto
CHIKH ALI, M. S.  SYRIA	Analyses of the mutation producing highly diversity of Potato virus Y in Syria	Utsunomiya University NATSUAKI, Tomohide Professor Faculty of Agriculture	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tochigi
CHOI, E.-K.  KOREA (REP. OF KOREA)	Evaluation of the epigenetic effect of endocrine disruptors on mammalian male gametes.	Nagoya University HONDO, Eiichi Professor Graduate School of Bioagricultural Sciences	Jun. 20, 2009~ Jun. 19, 2011	Chubu Aichi
CUMAGUN, C. R.  PHILIPPINES	Molecular cloning of PWT3, a gene for avirulence of Avena isolates of Magnaporthe oryzae, on wheat	Kobe University TOSA, Yukio Professor Graduate School of Agricultural Sciences	Jul. 1, 2009~ Jun. 30, 2011	Kinki Hyogo
DESHPANDE, S. A.  INDIA	Tri-trophic interactions among the braconid wasp, the host moth and the host tea plant	University of Tsukuba KAINOH, Yooichi Associate Professor Graduate School of Life and Environmental Sciences	Oct. 1, 2009~ Sep. 30, 2010	Kanto Ibaraki
DLOUHA, J.  CZECH	Effect of hemicelluloses content on the viscoelastic properties of nanofiber sheets	Kyoto University YANO, Hiroyuki Professor Research Institute for Sustainable Humanosphere	Nov. 16, 2009~ Nov. 15, 2011	Kinki Kyoto
DUAN, G.  CHINA	Molecular physiological analysis of rice As transport and accumulation using varietal differences	The University of Tokyo FUJIWARA, Toru Professor Graduate School of Agricultural and Life Sciences	Nov. 18, 2009~ Nov. 17, 2011	Kanto Tokyo
ELKHATEEB, A. M.  EGYPT	Study of pharmacokinetics of anti-protozoal quassinoid compounds isolated from medicinal plants	Hokkaido University KATAKURA, Ken Professor Graduate School of Veterinary Medicine	Nov. 16, 2009~ Nov. 15, 2011	Hokkaido Hokkaido

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
FAN, Y.  CHINA	Preparation and nano-structural characterization of new chitin nanofibers, and their applications	The University of Tokyo ISOGAI, Akira Professor Graduate School of Agricultural and Life Sciences	Oct. 1, 2009~ Sep. 30, 2011	Kanto Tokyo
FARZADFAR, S.  IRAN	The genetic structure of populations of Califlower mosaic virus in Eurasia	Saga University OHSHIMA, Kazusato Professor Faculty of Agriculture	Nov. 23, 2009~ Nov. 22, 2011	Kyushu Saga
FENG, Z.  CHINA	Mechanistic understandings of apoplastic protection against increased ozone flux in plants	The University of Tokyo KOBAYASHI, Kazuhiko Professor Graduate School of Agricultural and Life Sciences	Apr. 13, 2009~ Apr. 12, 2011	Kanto Tokyo
GARENAUX, E.  FRANCE	Physiological significance and structure of a complex implying a protein, Hsp70 and acidic lipids	Nagoya University KITAJIMA, Ken Professor Bioscience and Biotechnology Center	Apr. 1, 2009~ Mar. 31, 2011	Chubu Aichi
GUO, G.  CHINA	Improvement of Salt-Affected Soils by Subsoil Deep Ploughing	Hokkaido University OHMIYA, Kazuhiko Professor Research Faculty of Agriculture	Apr. 1, 2009~ Jul. 31, 2009	Hokkaido Hokkaido
HOANG, L. H.  VIET NAM	Establishment of biological control method for plant diseases by using nobel endophytic bacteria	Kyushu University TSUCHIYA, Kenichi Professor Faculty of Agriculture	Nov. 21, 2009~ Nov. 20, 2011	Kyushu Fukuoka
JIA, H.  CHINA	Structural analysis of trypanosoma surface molecules by single chain antibodies	Hokkaido University SUGIMOTO, Chihiro Professor Research Center for Zoonosis Control, Hokkaido University	Nov. 30, 2009~ Nov. 29, 2011	Hokkaido Hokkaido
KAUL, P.  INDIA	Chiral amino acid synthesis by dynamic kinetic resolution of amino acid amides	Toyama Prefectural University ASANO, Yasuhisa Professor Department of Biotechnology	May. 16, 2009~ May. 15, 2011	Chubu Toyama

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
KHAN, N.  PAKISTAN	Nutritional improvement of rice seed by exploiting wild species and landraces of Pakistan	Kyoto University TANAKA, Tomoyuki Associate Professor Graduate School of Agriculture	Sep. 24, 2009~ Sep. 23, 2011	Kinki Kyoto
KIM, K.  KOREA (REP. OF KOREA)	The potential of environment-friendly agriculture for job creation	The University of Tokyo IKEMOTO, Yukio Professor Institute of Oriental Culture	Sep. 1, 2009~ Aug. 31, 2011	Kanto Tokyo
LAWAL, O. S.  NIGERIA	Interaction between polysaccharides and polyphenols and the creation of novel functional foods	University of Hyogo YOSHIMURA, Miki Associate Professor School of Human Science and Environment	Nov. 23, 2009~ Nov. 22, 2011	Kinki Hyogo
LE, C. V.  VIET NAM	Optimization of Integrated Watershed Management using GIS-based Distributed Parameter Model	Kyushu University HIRAMATSU, Kazuaki Professor Faculty of Agriculture	Nov. 26, 2009~ Nov. 25, 2011	Kyushu Fukuoka
LI, M.  CHINA	Genetic and applied studies on flavonoid accumulation in green cocoon strains of the silkworm.	The University of Tokyo SHIMADA, Toru professor Graduate School of Agricultural and Life Sciences	Sep. 23, 2009~ Sep. 22, 2011	Kanto Tokyo
LI, W.  CHINA	Studies on the role of strigolactones in environmental regulation of rice tillering	RIKEN YAMAGUCHI, Shinjiro Team Leader Cellular Growth & Development Research	Apr. 21, 2009~ Apr. 20, 2011	Kanto Kanagawa
LI, X.  CHINA	Development of a hyperspectral imaging system for detection and assessment of rice blast disease	Tokyo University of Agriculture and Technology SAKAI, Kenshi Professor Institute of Symbiotic Science and Technology	Nov. 25, 2009~ Nov. 24, 2011	Kanto Tokyo
LIN, C.-C.  TAIWAN	Role of CADM1/CRDM1 interaction in the interaction between antigen-presenting cells and T cells	Nagoya University KITAJIMA, Ken Professor Bioscience and Biotechnology Center	Nov. 30, 2009~ Nov. 29, 2011	Chubu Aichi

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LIU, H.  AUSTRALIA	Development of transformation systems in <i>Eustoma grandiflorum</i>	National Agriculture and Food Research Organization OMIYA, Akemi Team Leader National Institute of Floriculture Science	Nov. 24, 2009~ Nov. 23, 2010	Kanto Ibaraki
LIU, S.  CHINA	Development of advanced nanomaterials by inorganic hybridization of cellulose	The University of Tokyo WADA, Masahisa Associate Professor Graduate School of Agricultural and Life Sciences	Nov. 6, 2009~ Nov. 5, 2011	Kanto Tokyo
LIU, X.  CHINA	Elucidation of defense signaling mechanism downstream of rice blast resistance gene	National Institute of Agrobiological Resources TAKATSUJI, Hiroshi Head Division of Plant Sciences	Oct. 18, 2009~ Oct. 17, 2011	Kanto Ibaraki
LIU, X.  CHINA	Moss d15N for monitoring the deposition of urban-derived NOx and NHx in western Tokyo area, Japan	Tokyo University of Agriculture and Technology KOBA, Keisuke Associate Professor Institute of Symbiotic Science and Technology	Nov. 11, 2009~ Nov. 10, 2011	Kanto Tokyo
LU, H.  CHINA	Estimates of net carbon emissions on deforestation and degradation in the Asia's tropics based upon improved IPCC methodology	Hokkaido University BRAIMOH, Ademola Designated Professor Center for Sustainability Science	Sep. 1, 2009~ Aug. 31, 2011	Hokkaido Hokkaido
MIAH, M. D.  BANGLADESH	Carbon sequestration in the rural homestead forests:A small scale CDM and policy perspective	Shinshu University KOIKE, Masao Professor Faculty of Agriculture	Aug. 31, 2009~ Aug. 30, 2011	Chubu Nagano
MORENO-PENARANDA, R.  SPAIN	Foods for the Future: Challenges and Opportunities for International Development Cooperation in Sustainable Urban Food Systems	Tokyo Institute of Technology NAKAJIMA, Hideto Associate Professor Graduate School of Decision Science and Technology	Oct. 30, 2009~ Oct. 29, 2011	Kanto Tokyo
NARDI, P.  ITALY	Inhibition of soil nitrification from root exudates	Japan International Research Center for Agricultural Sciences WISSUWA, Matthias Senior Researcher Crop Production and Environment Division	Sep. 1, 2009~ Aug. 31, 2011	Kanto Ibaraki

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NAYAK, S. K.  INDIA	Induction of cell-mediated immunity in fish against viral diseases by control of Th1 and Th2 balance	Nihon University NAKANISHI, Teruyuki Professor College of Bioresource Sciences	Apr. 28, 2009~ Apr. 27, 2011	Kanto Kanagawa
NEOH, T.  MALAYSIA	Development of novel functional cellulosic wrappers that control fruit ripening by releasing 1-MCP	Kagawa University YOSHII, Hidefumi Professor Faculty of Agriculture	Sep. 30, 2009~ Sep. 29, 2011	Shikoku Kagawa
POUDEL, P. R.  NEPAL	Effect of temperature and water condition on flavonoid biosyntheses of grapes	National Research Institute of Brewing GOTO, Nami deputy director Fundamental Research Division	Jun. 26, 2009~ Jun. 25, 2011	Chugoku Hiroshima
PSENICKA, M.  CZECH	Studies on primordial germ cells and germ-line chimera in endangered sturgeons	Hokkaido University ARAI, Katsutoshi Professor Faculty of Fisheries Sciences	Nov. 17, 2009~ Nov. 16, 2010	Hokkaido Hokkaido
RAHMAN, M. M.  BANGLADESH	Effect of oxalic acid contained in tropical and sub-tropical grasses on performances of ruminants	University of Miyazaki KAWAMURA, Osamu Professor Faculty of Agriculture	May. 1, 2009~ Apr. 30, 2011	Kyushu Miyazaki
RAVOLONANTENAINA, A.  MADAGASCAR	Management of Nutrients and Sediment losses from Tropical Acid Soil Environment	Tottori University INOUE, Mitsuhiro Professor Arid Land Research Center	Oct. 1, 2009~ Sep. 30, 2011	Chugoku Tottori
ROSE, M. T.  AUSTRALIA	Investigations into biological nitrification inhibition to improve nitrogen-use efficiency in forage and biofuel crops	Japan International Research Center for Agricultural Sciences WISSUWA, Matthias Senior Scientist Crop Production and Environment Division	Oct. 10, 2009~ Oct. 9, 2011	Kanto Ibaraki
RYU, C.  KOREA (REP. OF KOREA)	Development of fertilizing technology of methane fermentation sludge for biomass circulation	Kyoto University IIDA, Michihisa Associate Professor Graduate School of Agriculture	Nov. 1, 2009~ Oct. 31, 2011	Kinki Kyoto

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SIOPONGCO, J. D.  PHILIPPINES	Functional and genetic analysis of deep root system in high yielding rice genotypes	National Agriculture and Food Research Organization YOSHINAGA, Satoshi Chief Researcher National Institute of Crop Science	Nov. 20, 2009~ Nov. 19, 2011	Kanto Ibaraki
SUFIAN, M. N.  BANGLADESH	Study on food peptides which stimulate secretion of anti-obesity and anti-diabetic gut hormones	Hokkaido University HARA, Hiroshi Professor Research Faculty of Agriculture	Apr. 14, 2009~ Apr. 13, 2011	Hokkaido Hokkaido
TANG, D.  U.S.A.	Parasitic copepods of marine fishes and global warming: implications for Japanese aquaculture	Hiroshima University NAGASAWA, Kazuya Professor Graduate School of Biosphere Science	Jul. 29, 2009~ Jul. 28, 2011	Chugoku Hiroshima
TASNOOVA, S.  BANGLADESH	Study on Marketing Performance and Land Utilization Pattern of Cultured Fish-Crop Farming System	Kagoshima University YUTAKA, Tomoyuki Associate Professor Faculty of Agriculture	Oct. 1, 2009~ Sep. 30, 2011	Kyushu Kagoshima
TERKAWI, M. H.  SYRIA	Analysis of the Host Defense Mechanism and Development of Novel Vaccines against Babesia Infection	Obihiro University of Agriculture and Veterinary Medicine XUAN, Xuenan Professor National Research Center for Protozoan Diseases	Nov. 1, 2009~ Oct. 31, 2011	Hokkaido Hokkaido
ULANOVA, D.  RUSSIA FEDERATION	Clarification of regulatory mechanism for antibiotic production in Actinomycetes	Osaka University NIHIRA, Takuya Professor International center for Biotechnology	Nov. 26, 2009~ Nov. 25, 2011	Kinki Osaka
VILLENA, J. C.  ARGENTINA	Food immunological applications of immunoregulatory probiotics via pattern-recognition receptors	Tohoku University KITAZAWA, Haruki Associate Professor Graduate School of Agricultural Science	Nov. 28, 2009~ Nov. 27, 2011	Tohoku Miyagi
WANG, W.  CHINA	Elucidation of the interactions among dark septate endophytic (DSE) fungi and host plants and selected root pathogens.	Ibaraki University NARISAWA, Kazuhiko Associate Professor College of Agriculture	Oct. 14, 2009~ Oct. 13, 2011	Kanto Ibaraki



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XIE, X.  CHINA	Elucidation of structures and biosynthetic pathways of novel plant hormones, strigolactones	Utsunomiya University YONEYAMA, Koichi Professor Weed Science Center	Apr. 1, 2009~ Mar. 31, 2011	Kanto Tochigi
ZAVALAGA, C. B.  PERU	Dynamic state prediction of marine environment using animal-borne data loggers and remote-sensing	Nagoya University YODA, Ken Associate Professor Graduate School of Environmental Studies	Nov. 29, 2009~ Nov. 28, 2011	Chubu Aichi
ZHANG, K.  CHINA	Influence of expansion of Chinese timber trade on forestry and timber industry in Japan	Forestry and Forest Products Research Institute HORI, Yasuto Head of Forestry Socio-Economics Laboratory Department of Forest Policy and Economics	Apr. 1, 2009~ Mar. 31, 2011	Kanto Ibaraki
ZHU, C. W.  CHINA	Mechanisms underlying genotypic variation in rice growth response to elevated CO2 in rice	National Institute for Agro-Environmental Sciences HASEGAWA, Toshihiro Senior Researcher Agro-Meteorology Division	Jul. 1, 2009~ Jun. 30, 2011	Kanto Ibaraki