Program: 8-10 October

MARCO-FFTC Joint International Workshop 2013 on
Benefits and Risks of Genetically Modified Food Crops in Asia
Epochal Tsukuba, Room 201,Tsukuba, Japan

Day 1: October 8, 2013 (Tuesday)	
09:00-17:30	Study tour for overseas participants The tour will visit the following places ・National Institute for Agro-Environmental Sciences: Isolated GM crop experimental fields, Inventory gallery ・National Institute of Agrobiological Sciences: Genebank etc.

Day 2: October 9, 2013 (Wednesday)	
08:30-09:00	Registration/Set up of posters
Opening Session	
09:00-09:30	Welcome remarks President of National Institute for Agro-Environmental Sciences Representative of Food and Fertilizer Technology Center
09:30-10:00	Group photo & Coffee break
Keynote Session:	
10:00-10:50 O1	GM Crops for Food Security in Developing Countries Josette Lewis (World Food Center, University of California, USA)
Session 1: Overview of Development and Production of GM Crops	
10:50-11:20 O2	Commercial GM Food Crop Production and its Future Perspective Randy Anoche Hautea (International Service for the Acquisition of Agri-biotech Applications, Philippines)
11:20-11:50 O3	Targeted Modification of Plant Genomes Seiichi Toki (National Institute of Agrobiological Sciences, Japan)
11:50-13:10	Lunch

Session 2: Promising GM Technologies for Plant Protection	
13:10-13:40 O4	Development of Disease Resistant Rice Using WRKY45, A Key Transcription Factor of Rice Defense Mechanism Hiroshi Takatsuji (National Institute of Agrobiological Sciences, Japan)
13:40-14:10 O5	Current Status of Late Blight Resistant (LBR) Potato Research in Confined Fields Trials in Indonesia Muhammad Herman[1], A. Dinar Ambarwati[1], Kusmana[2] and Euis Suryaningsih[2] ([1]Indonesian Center for Agricultural Biotechnology and Genetic Resources Research and Development, Indonesia; [2]Indonesian Vegetable Research Institute, Indonesia)
14:10-14:40 O6	Transgenic Papaya for Ring Spot Virus Resistance Parichart Burns[1], Pironrit N.[1], Phungrat B.[1], Boonchod A.[1], Warin N.[1], Koohapitaktum R.[1] and Kositsatana W.[2] ([1]National Centre for Genetic Engineering and Biotechnology, Kasetsart University, Thailand; [2]Department of Plant Pathology, Kasetsart University, Thailand)
14:40-15:10 O7	Herbicide Resistance in Canola: An Essential Tool for Weed Management in Australia Christopher Preston and Sarah Morran (University of Adelaide, Australia)
15:10-15:30	Coffee break (View of Posters)
15:30-16:00 O8	Insect Resistant Eggplant Expressing Bt Genes in India Leelavathi Sadhu[1], P. Ananda Kumar[2] and Vanga Siva Reddy[1] ([1]International Center for Genetic Engineering and Biotechnology, India; [2]Acharya N.G. Ranga Agricultural University, India)
16:00-16:30 O9	Field Trials of Insect Resistant Maize Expressing Bt Gene in Viet Nam Nguyen Van Liem (Plant Protection Research Institute, Vietnam)
16:30-17:00 O10	Maize Stacked with Genetically Modified Events in the Philippines Saturnina C. Halos (Bureau of Plant Industry, Philippines)
17:00-17:30 O11	Development of Marker-Free Transgenic Plants Ayako Nishizawa-Yokoi[1] and Seiichi Toki[1,2] ([1]National Institute of Agrobiological Sciences, Japan; [2]Kihara Institute for Biological Research, Japan)
18:00-20:00	Welcome reception hosted by National Institute for Agro-Environmental Sciences

Day 3: October 10, 2013 (Thursday)	
Session 3: Promising GM Technologies on Environment and Human Health	
09:00-09:30 O12	Cloning and Expression Analysis of Genes and Field Evaluation of Salt Tolerant Genetically Modified Wheat (*Triticum aestivum*) Nasir Ahmad Saeed, Imran Habib, Moddassir Ahmad, Muhammad Rauf, Zahid Abbas Malik, Khurram Shahzad and Shahid Mansoor (National Institute for Biotechnology and Genetic Engineering, Pakistan)
09:30-10:00 O13	Exploiting Drought-Inducible Genes Encoding Transcription Factors for Drought Tolerant Crops Kazuko Yamaguchi-Shinozaki (Tokyo Univ., Japan)
10:00-10:30	Coffee break (View of Posters)
10:30-11:00 O14	GM Corn Expressing Phytase Gene in China Rumei Chen[1], Chunyi Zhang[1], Bin Yao[2], Guangxing Xue[1], Wenzhu Yang[1], Xiaojin Zhou[1], Junmin Zhang[3], Ping Chen[1], Yunliu Fan[1] ([1]Biotechnology Research Institute, Chinese Academy of Agricultural Sciences, China; [2]Feed Research Institute, Chinese Academy of Agricultural Sciences, China; [3]Institute of Animal Science, Chinese Academy of Agricultural Sciences, China)
11:00-11:30 O15	*MIPS* and *PAP* Genes in Mungbean: Paving the Way to Success in Friendly Environment and Improving Animal Nutrition Sutkhet Nakasathien[1], Arunee Wongkaew[1], Giuseppe Dionisio[2] and Vichan Vichukit[1] ([1]Kasetsart University, Thailand; [2]Aarhus University, Denmark)
11:30-12:00 O16	Development of Rice Seed-Based Allergy Vaccine for Treatment of Japanese Cedar Pollen Allergy Fumio Takaiwa (National Institute of Agrobiological Sciences, Japan)
12:00-13:20	Lunch
13:20-13:50 O17	Oral Immunogenicity of Porcine Reproductive and Respiratory Syndrome Virus Antigen Expressed in Transgenic Plants Pung-Ling Huang[1,2], Hui-Ting Chan[1], Yi-Yin Do[1], Min-Yuan Chia[3], Victor Fei Pang[3], and Chian-Ren Jeng[3]([1]Department of Horticulture &Landscape Architecture, National Taiwan University, Taiwan; [2]Chinese Culture University, Taiwan; [3]Graduate Institute of Veterinary Medicine, National Taiwan University, Taiwan)
13:50-14:20 O18	Comparative Analysis of Nutritional Composition of β-carotene Biofortified Rice with Phytoene Synthase and Carotene Desaturase Genes and its Non-Transgenic Counterpart Jae Kwang Kim, Soo-Yun Park, and Yunsoo Yeo (National Academy of Agriculture Sciences, South Korea)

Session 4: Risk Assessment of GM Crop Production	
14:20-14:40 O19	General View of Environmental Impact Assessment of Genetically Modified Crop Yasuhiro Yogo (National Institute for Agro-Environmental Sciences, Japan)
14:40-15:10 O20	Safety Assessment of GM Food Crops and Derived Food and Feed Willem Seinen (Utrecht University, Netherland)
15:10-15:30	Coffee Break (View of Posters)
15:30-16:00 O21	Environmental Impacts and Management Issues of GM Crops: Science/Regulatory Interaction in Comparative Perspective Masashi Tachikawa (Ibaraki University, Japan)
16:00-16:30 O22	Biological Impact Assessments for Genetically Modified Crops and their Proper Managements in Japan Hiroyuki Shibaike (National Institute for Agro-Environmental Sciences, Japan)
Panel Discussion and Closing Session	
16:30-17:20	Panel Discussion (Chaired by Yasuhiro Yogo (NIAES) and George Kuo (FFTC)) Benefit and Potential Risks for Releasing GM Crops into the Production Field in the Asian Region
17:20-17:30	Closing remarks For further collaboration/cooperation
18:00-20:00	Farewell dinner hosted by FFTC

Poster Presentation

Titles & Authors

P1	Evaluation of Cross-Pollination Risk Based on Spatial Analysis Using Open Source GIS Nobusuke Iwasaki, Hiroyuki Shibaike and Seiichiro Yonemura （National Institute for Agro-Environmental Sciences, Tsukuba, Japan）
P2	Transgene Containment Using Rice Cleistogamous Mutation Shinnosuke Ohmori[1], Hiroaki Tabuchi[1], Osamu Yatou[1], Takami Hayashi[2], Tomoya Yamaguchi[2, 1], Setsuo Koike[2], Makoto Kuroki[3,4], Hiroyuki Shimizu[3], Tomohito Ikegaya[3] and Hitoshi Yoshida[4] ([1]Hokuriku Research Center, NARO Agricultural Research Center, Joetsu, Japan; [2]NARO Tohoku Agricultural Research Center, Morioka, Japan; [3]NARO Hokkaido Agricultural Research Center, Sapporo, Japan; [4]NARO Institute of Crop Science, Tsukuba, Japan)
P3	How to Estimate the Inter-Laboratory Variability of Probability of Detection (POD) in Detecting GM Grains Kohji Yamamura[1] and Junichi Mano[2] ([1]National Institute for Agro-Environmental Sciences, Tsukuba, Japan; [2]National Food Research Institute, National Agriculture and Food Research Organization, Tsukuba, Japan)
P4	The Flowering Similarity Index for Evaluating the Risk of Out-Crossing Kentaro Ohigashi[1], Aki Mizuguti[2], Yasuyuki Yoshimura[1], Kazuhito Matsuo[1], Tetsuhisa Miwa[1] ([1]National Institute for Agro-Environmental Sciences, Tsukuba, Japan; [2]Fukui Prefectural University, Fukui, Japan)
P5	Moths and Butterflies Feeding on Wild Soybean *Glycine soja* Sieb. and Zucc. in Japan Koji Yasuda[1], Mitsutaka Sakakibara[2], Atsushi Kikuchi[3], Nobuo Mizutani[4], Masaya Matsumura[4], Akito Kaga[5], Akio Kikuchi[2], Yoshitake Takada[3] and Nobuhiko Oki[4] ([1]National Institute for Agro-Environmental Sciences, Tsukuba, Japan; [2]NARO Tohoku Agricultural Research Center, Morioka, Japan; [3]NARO Western Region Agricultural Research Center, Fukuyama, Japan; [4]NARO Kyushu Okinawa Agricultural Research Center, Koshi, Japan; [5]National Institute of Agrobiological Sciences, Tsukuba, Japan)
P6	Matrix Model of Population Dynamics Estimating Ferality of Genetically Modified Soybean (*Glycine max* L.) in Japan Yasuyuki Yoshimura and Kentaro Ohigashi (National Institute for Agro-Environmental Sciences, Tsukuba, Japan)
P7	Monitoring of Feral Canola Population Affected by Road Maintenance along Transport Route around Seaport in Japan Kazuhito Matsuo[1], Yasuyuki Yoshimura[1], Kentaro Ohigashi[1] and Aki Mizuguti[2] ([1]National Institute for Agro-Environmental Sciences, Tsukuba, Japan; [2]Fukui Prefectural University, Fukui, Japan)
P8	Interspecific and Intergeneric Cross Compatibility between *Brassica juncea* and other Brassicaceae Mai Tsuda and Yutaka Tabei (National Institute of Agrobiological Sciences, Tsukuba, Japan)