

Microbiological Test Training at Osaka Prefectural Institute of Hygiene and Public Health

The Human Resource Development team has dispatched Vietnamese technical staff and researchers to Japan to receive training in food safety monitoring. During September, three technicians from Binh Dien Wholesale Market Company participated in a "Food Safety Monitoring Course" held at Osaka University and Osaka Prefectural Institute of Public Health. During the intensive course, they learned practical analytical methods for food safety monitoring from Japanese experts. Notably the course included a visit to Osaka Wholesale Market, which deals with a massive amount of fresh food every day. Here they learned the Japanese procedures for food monitoring. According to their training reports, they also acquired important testing skills that can easily be transferred into Vietnamese Wholesale Markets. The course has also highlighted the importance of enhancing the quality of current food safety monitoring systems in Vietnam.



Attending a briefing at Ibaraki Health Center.

"Food Safety Monitoring" Short-Term Training -September to October 2012 in Japan



Researchers monitoring and giving guidance on food hygiene at a restaurant.



Microbiological analysis training at Osaka Prefectural Institute of Hygiene and Public Health.

Science and Technology Research Pa for Sustainable Development Program

## SATREPS PROJECT NEWSLETTER

Project for "Determining the Outbreak Mechanisms and Developing a Surveillance Model for Multi-Drug Resistant Bacteria"

## First Joint Coordinating Committee on 6 April 2012 in Hanoi



The first joint coordinating committee was held at The National Institute of Nutrition in Hanoi. This meeting was to formulate and ratify the project's activities and goals. Representing Vietnam at the meeting were 16 researchers from Ho Chi Minh City, Can Tho, Nha Trang, Thai Binh and Hanoi. From Japan a total of 15 were present including representatives of Osaka University, Osaka Prefectural Institute of Public Health, Osaka Prefecture University, Tokushima University, Gifu University, the Japan Science and Technology Agency and the Japan International Cooperation Agency.



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### Overview of 2012 Activities

### November 2012

# First samples collected for microbiological analysis- Sep to Oct 2012 in Hanoi and HCM

## "Field Epidemiology Short Course" -10th to 11th of October 2012 in Thai Binh

### First sampling in Bavi district

A microbiology team consisting of NIN and Osaka University has conducted the first sampling expedition to Bavi district, about 60 km from Hanoi. The team held a meeting with Bavi Health Center employees to explain the sampling process. With the Health Center's cooperation, the team held a seminar for the people of Bavi to explain their presence and also to reach a consensus about the teams approach.

## Microbiological analysis at the NIN laboratory

After collecting samples from Bavi, the team has started microbiological analysis at a laboratory in the NIN. More than 100 human and food specimens have been analyzed in order to isolate multi-drug resistant bacteria. Expert researchers from Osaka University gave technical advice to the young team at the NIN with the intention of them continuing the research activity in the future.

### Ho Chi Minh City team

On the other hand, the Ho Chi Minh City team, which consists of the Institute of Hygiene and Public Health, Binh Dien Wholesale Market Company and Osaka Prefectural Institute of Public Health, has also started a microbiological study. This team is focusing on drugresistant bacteria in food products by collecting fresh food from Ho Chi Minh City markets.











At Thai Binh Medical University, about 40 Vietnamese researchers participated in a short training course on "Field Epidemiology". Epidemiology is an important area of study for public health researchers, helping them with the collection and statistical analysis of data, and the interpretation and dissemination of the results. This course was aimed at understanding the basic concepts of field epidemiology, explaining key components of public health and describing the basic steps involved in outbreak investigation. Vietnamese lecturers from the Ministry of Health, Thai Binh University and the National Institute of Hygiene and Epidemiology outlined the background and significance of food safety in Vietnam and the importance of epidemiology. Furthermore a Japanese lecturer from National Institute of Infectious Diseases, introduced details on Japanese case studies and facilitated workshops for the researchers.



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