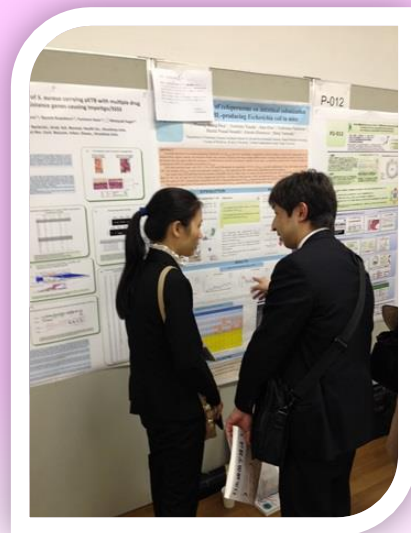


Poster Presentation Award Winner

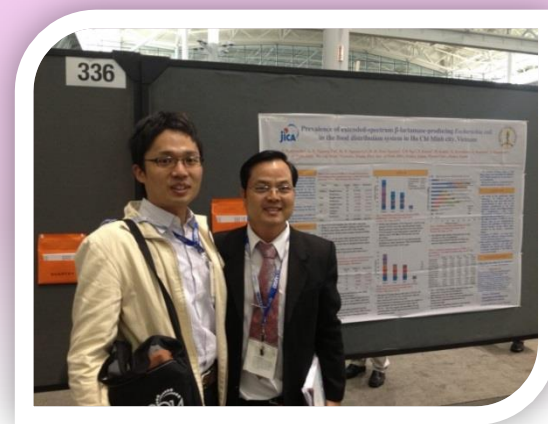
On March 28th 2014, Ms. Hoang Hoai Phuong was recognized by the Japanese Society for Bacteriology for her excellent presentation at their 87th Annual Meeting in Tokyo. Her presentation, “The effect of cefoperazone on intestinal colonization by ESBL-producing Escherichia coli in mice”, shows a model examining the effect of antibiotics on the intestinal colonization of an ESBL-producing E. coli. Ms. Phuong, from the Institute of Public Health HCMC (IPH), has been studying towards a PhD under Prof. Yamasaki’s supervision at Osaka Prefectural University (OPU) since April 2013. She is one of core Vietnamese microbiologists working on the project and contributing her knowledge and skills towards researching multi-drug resistant bacteria.



❖ Ms. Phuong with her award presented by the Japanese Society of Bacteriology, Tokyo

Poster Presentation at the American Society for Microbiology

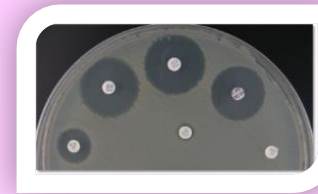
From the 17th to the 20th of May 2014, Dr. Nguyen Do Phuc (IPH) attended the 114th General Meeting of the American Society for Microbiology held in Boston, USA. His presentation, titled “The prevalence of extended-spectrum β-lactamase-producing Escherichia coli in the food distribution system in Ho Chi Minh City, Vietnam”, is a research collaboration with Dr. Kumeda’s team at Osaka Prefecture Institute of Public Health and Osaka University.



❖ Dr. Phuc, IPH with Dr. Hinenoya, OPU in Boston

SATREPS MDRB

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PROJECT NEWSLETTER

A project to “Determine the Outbreak Mechanisms and Develop a Surveillance Model for Multi-Drug Resistant Bacteria”



Plan> Do> See: Planning for FY2014 Activities

Project leaders have been planning activities for FY 2014 since April. That process consists of three types of meetings between the Vietnamese and Japanese researchers. Project Management Unit (PMU) meetings are mainly concerned with management issues, and are regularly organized by the National Institute of Nutrition (NIN) and the project’s Chief Advisor. Research meetings (for achieving Output 1) are organized at all five sites in order to make detailed plans of study, protocol, and schedule but also to exchange scientific ideas. Food Monitoring Task Force meetings focus on the development of a food monitoring system (Output 2) in Hanoi, Nha Trang and HCMC and prepare for monitoring activities in 2014. Based on these meetings, the project members at each site fully comprehend tasks and responsibilities for the year ahead.



Project Management Unit at NIN, Hanoi



Research Discussions at NIN, TMU, PINT, IPH and CTU about Output 1 activities



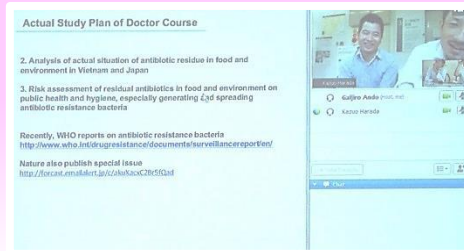
Food Monitoring Task Force meeting at IPH related to Output 2 activities

EDITED BY PROJECT OFFICE

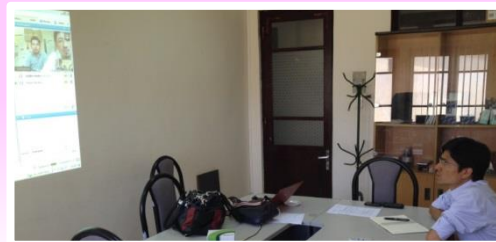
Room 308, 48B Tang Bat Ho, Hai Ba Trung, Ha Noi
Telephone/Fax (84-4)39729383
<http://www.satreps-mdrb.jp/>



To improve communication among researchers, a video conferencing system has been installed by PMU. If members have computers with an internet connection as well as a webcam, the system allows them to make visual communication between Vietnam and Japan and share progress, notes or presentations with each other. The system will be used for regular working group meetings among project members at PMU.



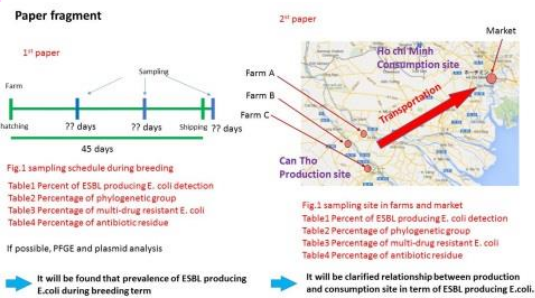
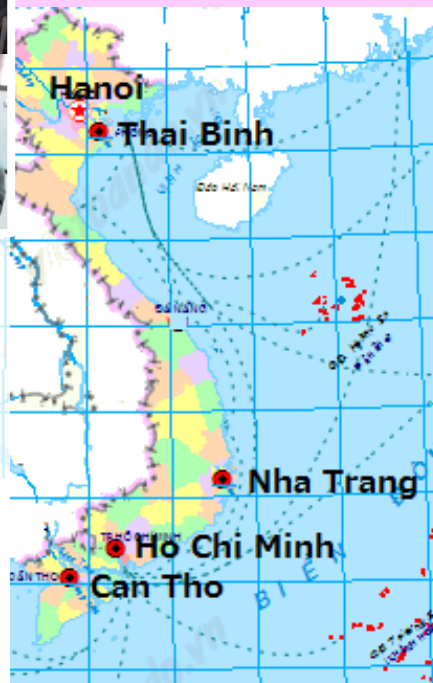
Pharmacology WG: Dr. Harada and Mr. Sy at Osaka University connecting with Dr. Dung at NIN, Hanoi to exchange research protocol ideas on the 13th May, 2014.



Project Digest Vietnam, Mar. – May



NIN: (1) Exchanging ideas between Dr. Huong and Prof. Hirai of the microbiology WG, (2) Dr. Dung and Dr. Harada of the pharmacology WG. (3) PCR experiments by Ms. Ngan and Mr. Ueda. (4) HPLC validation by Mr. Sy.



CTU: Research planning with Dr. Nakayama, Dr. Ngu, Dr. Duy.



TMU: (1) Wrap up meeting between Prof. Khai's team and Dr. Jinnai. (2) Microbiology activity planning with Mr. Ueda. (3) Ms. Ha treating water samples for pharmacological analysis.



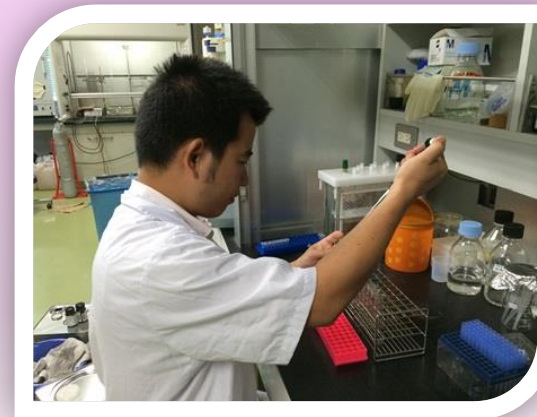
PINT: Scientific discussion between Mr. Phong, Dr. Hue and Mr. Ueda.

IPH: (1) Clinical sampling planning with Prof. Hirai, Dr. Chinh & Dr. Phuc. (2) Checking LC/MS/MS results are Ms. Mai and Dr. Uchida.



❖ Osaka University ↔ NIN

Mr. Nguyen Van Sy, a pharmacologist at the NIN department of food science and food safety, has been working towards a PhD at Osaka University since April 27th, 2014. At the applied environmental biology laboratory, the aim of his research is to develop a simple and rapid analytical method to monitor antibiotic residues both in food and the wider environment. For the duration of his studies he will be under the supervision of Prof. Hirata.

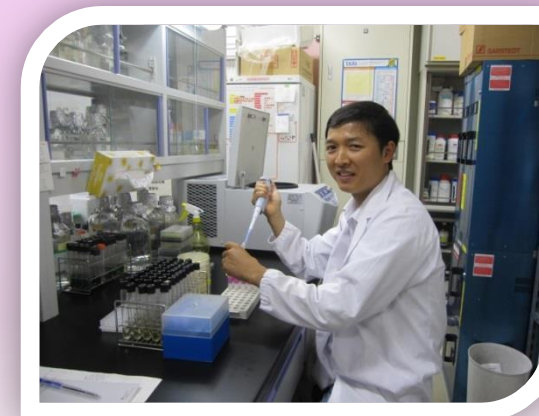


Left: Mr. Sy working at laboratory of OU
Right: Validating HPLC analysis protocol.



❖ Osaka Prefecture University ↔ PINT

Mr. Le Quoc Phong, technical manager of the food microbiology laboratory at the Pasteur Institute Nha Trang (PINT), has embarked on a short term training course at Osaka Prefecture University (OPU). The molecular biology course on “Antibiotic Resistant Bacteria” is supervised by Prof. Yamasaki. Mr. Phong’s goal is to learn and obtain research methods related to ESBL-producing *E.coli* and apply them in the food microbiology laboratory back at PINT.



Left: Mr. Phong working at laboratory of OPU
Right: Coffee break with Prof. Yamasaki and OPU students.