

# Short Study Abroad Program Report

Full name of the applicant: Toshiaki Kato

School, Department (Division), Program and Grade: Molecular Pharmacology and Pharmacogenomics, Kobe University Graduate School of Medicine, doctoral program, 3<sup>rd</sup> Year

First, this program was supported by Kobe University and other organizations. So, I want to say thank this program for giving me good opportunities. In the 3 months, my main activities were researches about anti-virus substances and participation in class. And, I could deepen exchanges with students and staff of University of Indonesia. The report is about my main activities during short study abroad program.

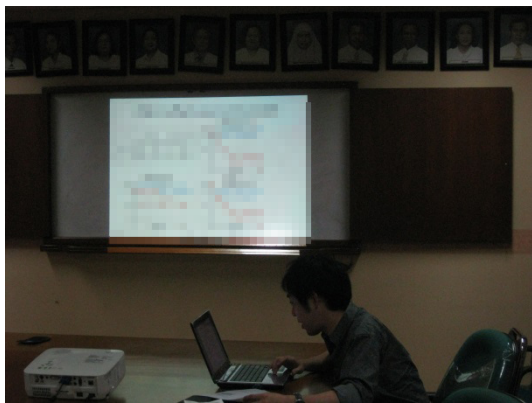
## < Identification of Anti-Hepatitis C Virus (HCV) Substances >

Place: Institute for Human Virus and Cancer Biology, University of Indonesia Faculty of Medicine (IHVCB-UI)

Date: 5<sup>th</sup> January 2013 ~ 1<sup>st</sup> February 2013

Supervisor: Chie Aoki, PhD (Kobe University)

Activities: I screened for anti-HCV compound candidates from plants traditionally used in many different parts of Indonesia, and checked cytotoxicity of compounds. And, I presented my research results and discuss with collaborators at progress meeting (Fig.1). This experience is the first time in my life using culture cells and virus. So, it's good opportunity for me to know other experiment and laboratories.



(Fig.1) Presentation at Progress Meeting



(Fig.2) IHVCB-UI Members

## < Student Scientific Meeting, Preparation for Meeting >

Place: University of Indonesia Faculty of Medicine

Date: 29<sup>th</sup> January 2013 ~ 31<sup>th</sup> January 2013

Activities: I attended the workshop that named Student Scientific Meeting. The workshop was conducted by students from Kobe University, University of Indonesia and Osaka University. First 2 days, we discussed about role allotment, time schedule and others, and practice to our presentation. On the day of workshop, I presented my research and moderated the 3rd session.



(Fig.3) Presenters of Student Scientific Meeting

< Class: Food and Safety >

Place: The South East Asian Ministers of Education Organization Regional Center for Food and Nutrition (SEAMEO RECFON), University of Indonesia Faculty of Medicine

Date: 4<sup>th</sup> February 2013 ~ 15<sup>th</sup> February 2013

Supervisor: Ingrid S. Suroño, MD, MSc (SEAMEO RECFON), Dwi Nastiti Iswarawanti, MSc (SEAMEO RECFON), Others

Activities: I attended “Food and Safety” class that was arranged by SEAMEO RECFON. The main topic is prevention of food poisoning. In the class, we have some discussions and presentations. So, I could feel that my English skill has been improved (Fig.4). And, I could learn about food sanitation problems and prediction in Indonesia.



(Fig.4) Presentation about food sanitation



(Fig.5) Teachers and Students of “Food and Safety” class

< Identification of Anti-Dengue Virus Substances >

Place: Department of Microbiology, University of Indonesia Faculty of Medicine (Micro-UI), IHVCB-UI

Date: 25<sup>th</sup> February 2013 ~ 7<sup>th</sup> April 2013

Supervisor: Beti Ernawati, PhD (Micro-UI), Chie Aoki, PhD (Kobe University)

Activities: I optimized experimental conditions for screening anti-dengue virus compound candidates with Micro-UI members. And, I screened for anti-dengue virus compound candidates from plants traditionally used in many different parts of Indonesia, and checked cytotoxicity of compounds. Finally, my supervisor Beti Ernawati, PhD presented my research results at progress meeting, and we discuss with collaborators at progress meeting (Fig.6).



(Fig.6) Participants of Progress Report



(Fig.7) Micro-UI members

In this program, I had not only as above statement, but also had opportunities to experience Indonesia customs and others. And, I could make some friends trying to improve our life. Opportunities and friends in this program will become my livelihood for future my career as a researcher. Thanks again for give me good opportunities.

#### **ACKNOWLEDGMENTS**

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