

(Abroad • Domestic) Official trip report form (Student)

2014, Aug 11th (Year/Month/Day)

Name	Jednipit Borthong
Laboratory	Division of Bioinformatics, Research Center for Zoonosis Control
Year (Grade)	D1
Destination	Montreal, Canada
Period of trip	Jul 26 th – Aug 2 nd , 2014
Purpose of trip	To participate the IUMS 2014 conference

Summary of activities (about 800 words, provide photos, tables and figures that clearly show the activities during the period)

This report summaries the activities for the international conference during Jul 26th – Aug 3rd, 2014 at the Montreal, Canada. Our team and I traveled to Montreal on the Jul 26th, 2014 and arrived at the hotel in Montreal in the same day (local time). We arrived back here on the Aug 3rd, 2014. The name of conference is the International Union of Microbiological Societies (IUMS) 2014 which was held on Jul 27th – Aug 1st, 2014. This conference was involved three sub-conferences XIVth International Congress of Bacteriology and Applies Microbiology, XIVth International Congress of Mycology and Eukaryotic Microbiology, and XVIth International Congress of Virology. The proposes of the conference want to provides and shares basic research leading to advancement of knowledge including clinical research bring new knowledge from the bench to patients, industrial research dealing with the development and use of innovative approaches to prevent and treat microbe-related health problems or the use of microbes for the benefit of mankind. Additionally, this conference was also had the section of bioinformatics research to share methods, information, database, and idea of bioinformatics research for infectious disease and public health concern. The keynote lectures, special talk, and workshops were also provided for participant on fields based on bacteria, fungi, viruses, and bioinformatics from speakers who have great experience for those fields. Furthermore, this conference kindly opened a chance for students, young research scientists, and scientists for presentation of their researches through poster presentation.

The opening ceremony of conference was held on Jul 27th, Sunday at 17:00 with the welcome speech and special lecture. All of schedules were quite interesting. In every morning, several keynote lectures were provided based on three microorganisms as mentioned on above, and then followed by the poster presentation. Moreover, the special lectures were also provided in every afternoon section and continued with the small groups of special talk related with many field of scientific research such as virus transmission, biodiversity and taxonomy of fungi, general basic of pathogenic bacteria and viruses, biofilms, quorum sensing, drug resistance, bacterial nanotechnology, etc. and metagenomic analysis. I mostly attended the topic of keynote lectures related with bacteriology; instance environmental microbiology, proteomic and genomic based discovery, applied microbiology, protein structure and folding, respiratory infection. I also focused to join the special talks for metagenomic analysis in environmental and clinical samples including its applications. In addition, I had a opportunity for poster presentation on the 5th day of the conference in the entitled “Next generation sequencing analysis of pathogenic bacteria in water samples from the Hokkaido University campus. The conference was ended for closing ceremony at Aug 1st, 2014. The conference will be held again next three years at Singapore in 2017. The details of activities are shown in table and pictures as below.

The IUMS conference commonly offered us more benefits and experiences by providing from the lecture of current situation of infectious disease, information of pathogens, new methodology, sharing information, and improved data. In addition, I also received the experience for how to make materials for presentation and how to present the scientific research in international level. Besides, ideas of scientific research were also gained from people who are specialist in those related fields, which are absolutely very importance and helpful us to make our opinion for scientific research. It can be applied to use for Ph.D course and my experiment. Additionally, I also received good commendations, and suggestions from many scientists of several fields such as specialist of water research, bacteriologists, and bioinformaticians. Those are an advantage for improvement of my experiment and further research.

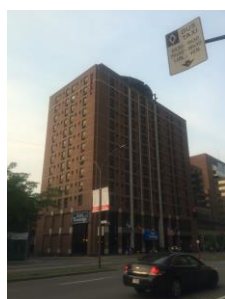
Finally, I would like to thank all of steering committees of the Program for Leading Graduate Schools, Faculty of Veterinary Medicine, Hokkaido University to support us a grant for participating IUMS conference at Montreal, Canada.

Schedule of activities for IUMS conference during Jul 26th – Aug 3rd, 2014

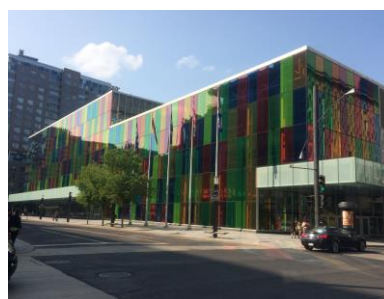
Date	Time	Activities
July 26 th	~ 12:00 ~ 22:30	Travel to Montreal, Canada Arrive at the hotel in Montreal, Canada
July 27 th	17:00 – 19:00	Participate the opening ceremony and special lecture
July 28 th	08:30 – 17:00	Participate the keynote lecture, poster presentation, and special talk
July 29 th	08:30 – 17:00	Participate the keynote lecture, poster presentation, and special talk
July 30 th	08:30 – 17:00	Participate the keynote lecture, poster presentation, and special talk
July 31 st	08:30 – 17:00	Participate the keynote lecture, poster presentation, and special talk
Aug 1 st	08:30 – 13:00	Participate the keynote lecture
Aug 2 nd	~ 06:30	Travel back to Sapporo, Japan
Aug 3 rd	~ 21:30	Arrive at Sapporo



Travel to Montreal on
Jul 26th, 2014



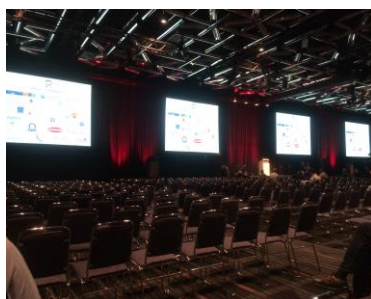
Hotel in Montreal



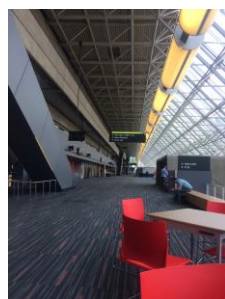
The place of IUMS conference



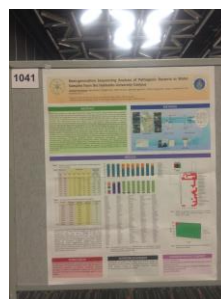
Keynote lecture



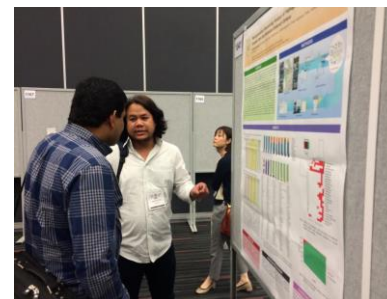
Lecture hall



Area of lecture room



Poster presentation



Poster presentation

Approval of supervisor	Institution • Official title • Name : <div style="text-align: right;">印</div>
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