



Summary Activity of Phnom Penh-Tokyo Veterinary Educational Twining Project

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January 30, 2020

Objectives

- **To strengthen of curriculum implementation and curriculum enrichment at RUA**
- **To strengthen capacity of academic and technical staffs of RUA and strengthen institutional and interpersonal relations to assure the future collaboration and develop a network of faculty members with an international perspective in Veterinary Medicine**
- **Establishment of video conference and distance learning systems to make a continuing collaboration between UTkyo and RUA faculties**

Kick off Meeting Project on March 13th, 2019



Visiting of academic and technical staffs of RUA to UTkyo

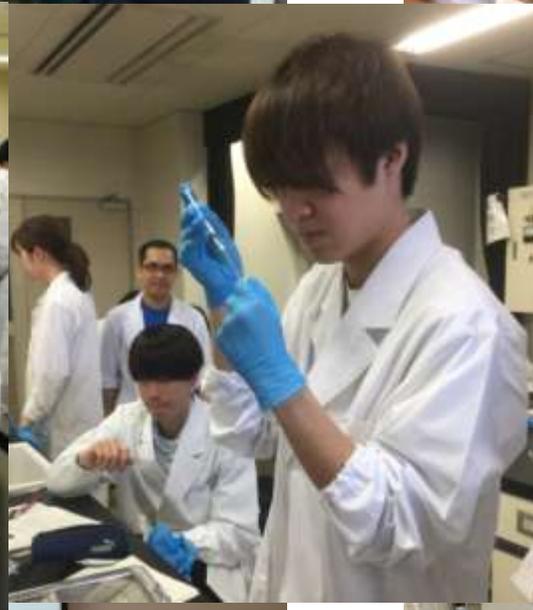
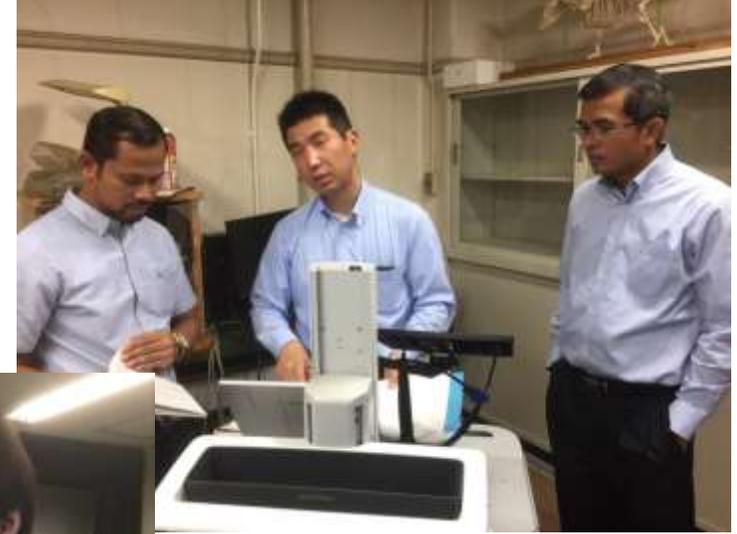
First Visit

- Period: April 15-26, 2019
- Number of academic and technical staff: 3



Achievements

- Understand the flows of clients entering to VMC and Vet program in the UTkyo
- Be able to handle and a ware of route of administration
- Update lecture on scientific writing and presentation
- Update lecture on Risk Analysis
- Update lecture on Clinical Examination and Diagnosis



Visiting of academic and technical staffs of RUA to UTkyo

Second Visit

- Period: June 5-13, 2019
- Number of academic and technical staff: 2



Achievements

- Update lecture on Meat Hygiene and Food Safety particularly practical sessions
- Update lecture on Veterinary Physiology and Theriogenology particularly practical sessions
- Obtain ideas for developing research proposal for Meat Hygiene and Food Safety



Visiting of academic and technical staffs of RUA to UTkyo

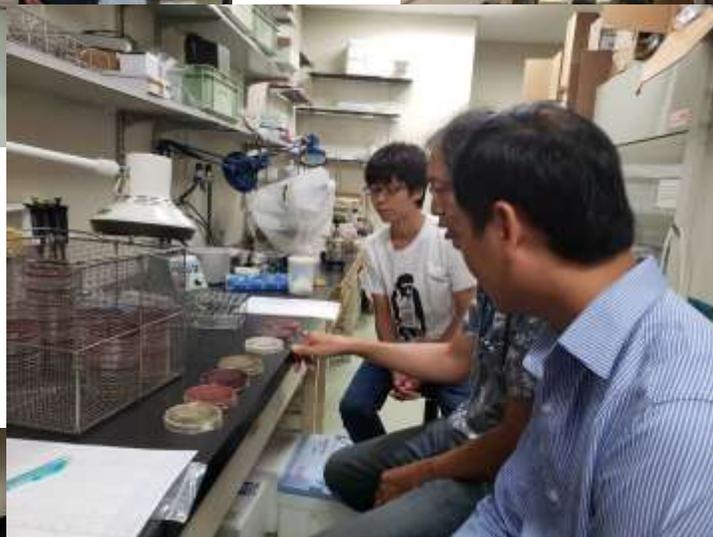
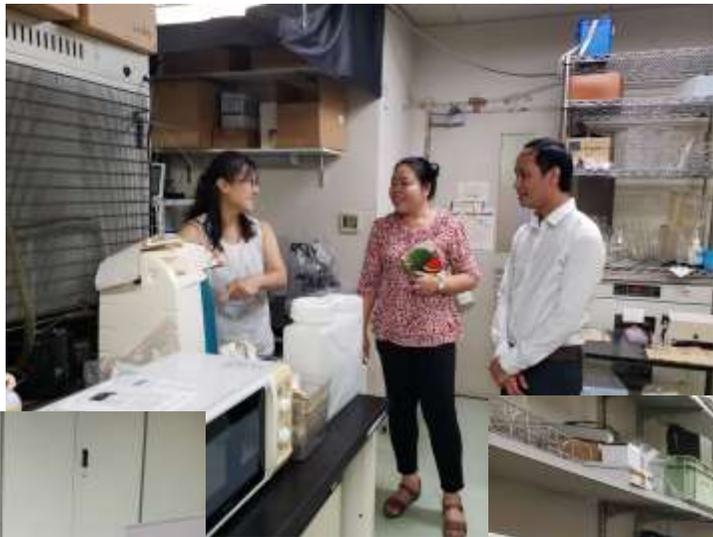
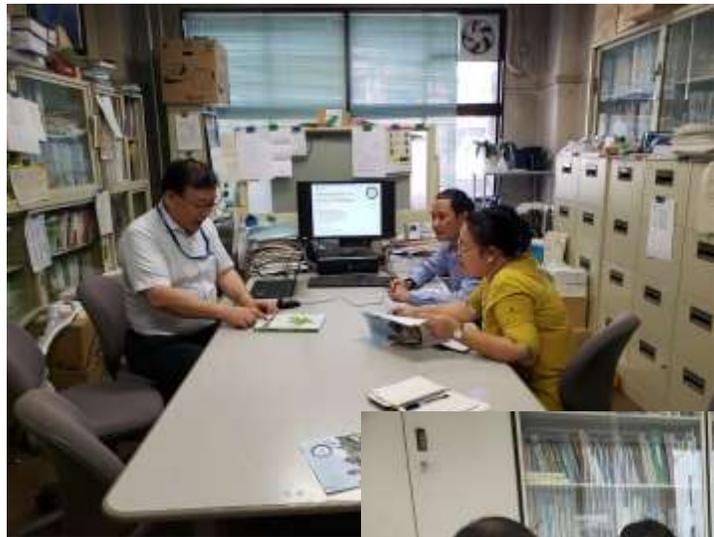
Third Visit

- Period: July 28th – August 10th, 2019
- Number of academic and technical staff: 3 (1 Female)



Achievements

- Improve teaching content on Veterinary Microbiology (Practice for Bacteria sessions)
- Improve teaching content on animal welfare (course contents, law, and guideline for lab animals)
- Improve teaching content on Body Structure and Function (Histology)
- Develop simple and advance practical methods for teaching and research
- Future collaboration for research and exchange programs for Sakura project plan for students



Visiting of academic and technical staffs of RUA to UTkyo

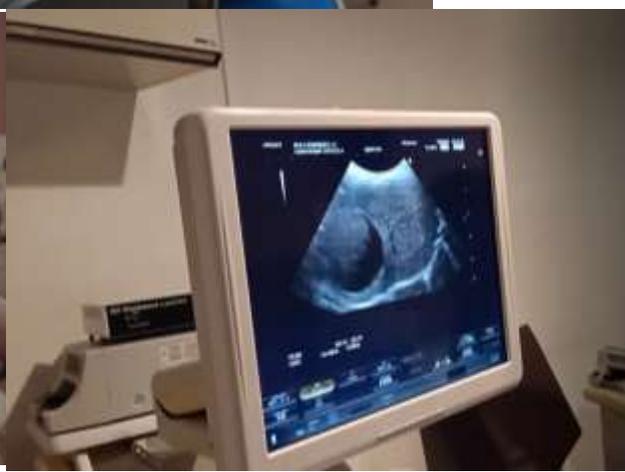
Forth Visit

- Period: August 26th - September 07th, 2019
- Number of academic and technical staff: 2



Achievements

- Update lecture on Veterinary Microbiology (Practice for Virology sessions).
- Update lecture on Feline and Canine Medicine and Develop Animal Teaching Hospital.
- Develop future research opportunity for rodent and bats vector diseases or other zoonotic diseases emerging and Establish VPH Lab in RUA



Visiting of academic and technical staffs of RUA to UTkyo

Fifth Visit

- Period: January 20th - February 1st, 2019
- Number of academic and technical staff: 2

Achievements

Schedule RUA staffs at UTokyo in January

Date		Staffs
20 Jan. (Mon)	AM	Arrive at Tokyo
	PM	Check in at 14:00 (7A-501)
21 Jan. (Tue)	AM	VMC tour (10:00)
	PM	Visit to Prof Hori & Prof <u>Kuwahara</u>
22 Jan. (Wed)	AM	Surgical operation (Plastic)
	PM	
23 Jan. (Thu)	AM	Lab tour (Anatomy, Pathology, Microbiology)
	PM	Visit to National Institute of Infectious Diseases
24 Jan. (Fri)	AM	7A-501
	PM	Visit to OIE
27 Jan. (Mon)	AM	7A-501
	PM	Symposium (13:00-17:00)
28 Jan. (Tue)	AM	Surgical operation (others)
	PM	Pathology (Autopsy)
29 Jan. (Wed)	AM	Surgical operation (Plastic)
	PM	
30 Jan. (Thu)	AM	7A-501
	PM	Summary Presentation
31 Jan. (Fri)	AM	7A-501
	PM	7A-501

Visiting of academic and technical staffs of UTkyo to RUA

First Visit

- Period: July 16, 2018
- Number of academic and technical staff: 3



Aims

- To meet with dean and faculty staff of RUA (Prof. Kuwahara and Prof. Kroesna)
- To visit lab facility in FVM of RUA

Visiting of academic and technical staffs of UTkyo to RUA

Second Visit

- Period: February 4-5, 2019
- Number of academic and technical staff: 3



Aims

- To observe lectures in the classes of year 2, 3 and 4.
- To discuss about research collaboration
- To visit some pig farms

On 4 and 5 February, Prof. Kuwahara will join to visit to RUA, in total 3 persons. I want to observe the lectures as follows,

- Year 2 semester 1 (Mon) 8:00-10:00 Veterinary Biochemistry and Molecular Biology
- Year 2 semester 1 (Mon) 10:00-12:00 Introduction of Veterinary Science
- Year 2 semester 1 (Tue) 8:00-10:00 Animal Genetics
- Year 2 semester 1 (Tue) 10:00-12:00 Economic and Farm management

- Year 3 semester 1 (Mon) 8:00-12:00 Veterinary Parasitology
- Year 3 semester 1 (Tue) 8:00-10:00 Body structure and Function IV
- Year 3 semester 1 (Tue) 10:00-12:00 Bio-statistics

- Year 4 semester 1 (Mon) 8:00-10:00 Clinical Pathology
- Year 4 semester 1 (Mon) 10:00-12:00 Meat hygiene and Food safety
- Year 4 semester 1 (Tue) 9:00-10:00 Principles of Veterinary Surgery and Anesthesia
- Year 4 semester 1 (Tue) 10:00-12:00 Veterinary Pharmacology, Therapeutics and Toxicology II

Visiting of academic and technical staffs of UTkyo to RUA

Forth Visit

- Period: October 7-9, 2019
- Number of academic and technical staff: 7

Aims

- To give mini lectures in the 3 classes of year 3 students (100 students)
- To join and present research works in the symposium at RUA



Topic for Mini Lectures



Physical Examination of large Animal-Basic approach for diagnosis by Prof Hisashi INOKUMA



Clinical works at the veterinary medical center of the University of Tokyo by Dr Hirotaka Tomiyasu



Introduction of Cardiac physiology by Dr Ryota Tochinai

Topics for Symposium

1. OIE VEE program by Dr Lesa Thompson (OIE)

2. Thermal regulation in mammals by Dr Shinichi Sekizawa

3. Ticks and tick-borne diseases of cattle in tropical countries by Prof Hisashi Inokuma





Thank you very much for your kind attention!