


One Health Module / One Health Ally Course
Submodule 4 One Health on-site Training
報告書 Report

報告者 [Reporter]

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活動報告 [Activity Report]

タイトル [Course Title]	The role of one health in zoonotic parasite and wildlife conservation in Thailand		
実施期間 [Periods]	26 th – 29 th June, 2023		
共同実施者 [Other participants]	Nada Arayaskul, Atefe Fathi, Ma ZhuoWei, Alok Kumar Maurya		
言語 [Language]	English		
実施場所 [Location]	Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand & Faculty of Veterinary Science, Mahidol University, Kanchanaburi campus, Thailand		
この活動に参加した理由 (200字程度) [The reason why you participated in this activity (around 120words)]	<p>One health is the multidisciplinary approach to protect human, animal and environmental health. I have learnt environmental toxicology in my PhD course. The more my experience in environmental toxicology, the less my experience in one health. Therefore, I think I need to understand and have experience in other field like AMR or food born disease to be better understanding on one health. The program outline was interesting, and I felt like it gave me more experience on one health. Wildlife conservation is one of my interests. In the program outline, especially, reintroduction of Banteng made me join this activity. Moreover, I wanted to have field experience in other countries and learn their approach on one health to be success by collaborating with other sectors or organizations.</p>		
実施内容 (2ページ程度、写真・図表含む) [Activities details (up to 2 pages providing photos, figures, and tables)]			

“Introduction to the role of one health in zoonotic parasites and wildlife conservation in Thailand” by Assistant Professor Dr. Charoonluk Jirapattharasate



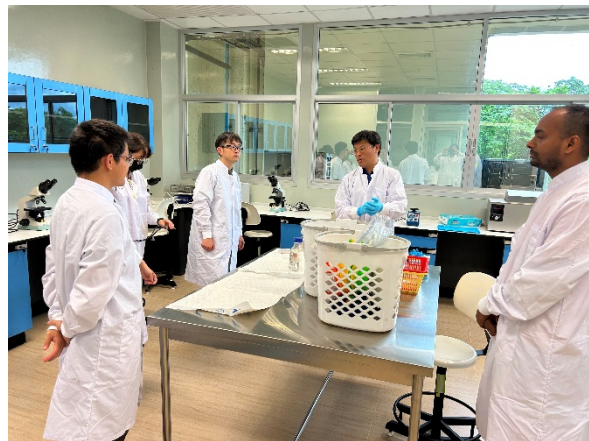
“Zoonotic helminth infections: A One health Approach” by Associate Professor Dr. Sivapong Sungpradit



Field sample collection from Local farm in Kanchanaburi

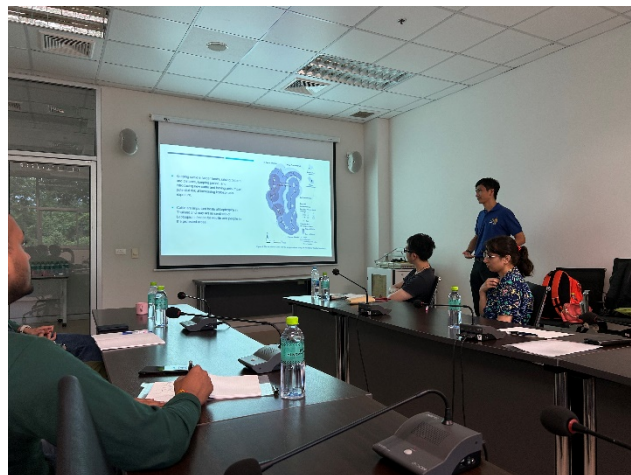


Laboratory Practice on parasites' eggs





“Pathogen transmission at the Human-Wildlife interface” and “Elephant use in tourism industry in Thailand” by Dr. Nae Tanpradit



“Banteng reintroduction in Salakphra Wildlife sanctuary” by Seri Nakbun (Chief of Khao Nam Phu Wildlife Conservation Promotion and Development Center)



Practicing on radio collar triangulation and camera trapping and visiting to Banteng camp



Visiting Taweechai Elephant camp and practicing elephant physical examination



“Global trends and medical importance of intestinal parasitic infection” by Assistant Professor Dr. Saengduen Moonsom



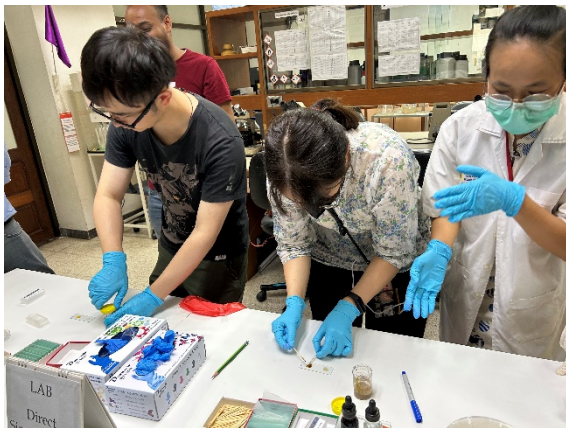
“Life cycle, morphology and techniques for important intestinal parasite identifications” by Associate Professor Dr. Aongart Mahittikorn



Laboratory demonstration of important intestinal parasites



Practice on parasite identification



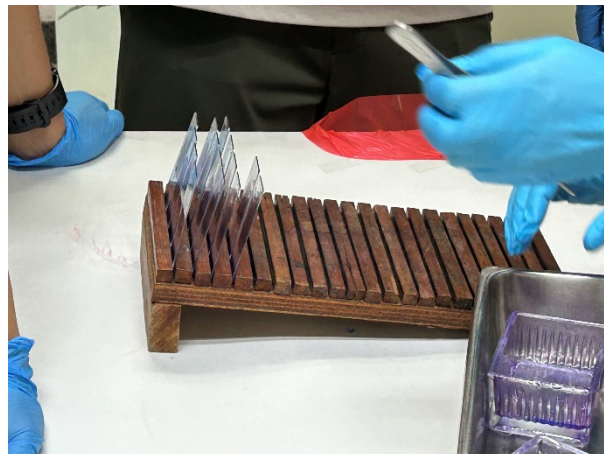
“Malaria epidemiology, life cycle, morphology, diagnosis” by Associate Professor Dr. Pornpit Petmitr



Laboratory demonstration of malaria and important blood parasites



Practice on malaria parasite identification including sampling preparation



今回の活動経験が、今後のOne Healthに関連した活動、国際共同研究、国際協力、国際連携等に与える影響（500字程度） [Impact of the experience on future One Health activities, international collaborative research, international cooperation, international collaboration, etc. (around 300 words)]

I have learnt different activities from two faculty to meet the same goal (One Health) during this module. The experience from the Kanchanaburi trip had made me understand better than before about the role of veterinarian in the one health, wildlife conservation and animal welfare. I have learnt their research activities about zoonotic parasites in Thailand especially in the Kanchanaburi. This knowledge will be useful in future research collaborations. Banteng reintroduction is very impressive work for me. It is a good experience to learn about its past, present and future. It made me think more about wildlife conservation. The experience on elephant physical examination is useful and learning the elephant used in eco-tourism is good knowledge. I have learnt how to manage the welfare of elephants and the wellbeing of humans in harmony. In the faculty of tropical medicine, Mahidol university, the experiences were the lab work and realized the research collaboration. I have learnt more about the Southeast Asia One Health University Network (SEAOHUN) and Thailand One Health University Network (THOHUN). Their experience on One Health activities, especially in terms of collaboration make me realize how to handle and get successful organization when I will participate or take a role in the regional or international organization like FAO, WOA and WHO.

備考 [Remarks]