



MyOHUN
Malaysia One Health
University Network

Malaysia One Health University Network (MyOHUN) was built to promote the philosophy and spirit of One Health in working together to respond to new and emerging diseases. It was initiated in 2012 as part of the Southeast Asia One Health University Network (SEAOHUN). The MyOHUN network at present comprises of 17 universities and 3 ministries.

MyOHUN at a glance

Comprised of

 **17** universities
3 ministries and **7** government departments/agencies as MyOHUN members 

 **8** publications

110  activities organized in 4 years 

738  current One Health workforce trained in 4 years (417 academicians and 321 officers)

 **1766** future One Health workforce trained in 4 years

Publications

- A Problem-Based Learning Approach to One Health Cases
- One Health Manual on Handling Zoonotic Diseases Outbreak in Malaysia
- Manual for Laboratory Diagnosis of Leptospirosis: One Health Approach
- Strategic Plan 2016-2020
- Annual Reports 2015-2017
- Newsletters (Biannual)

Upcoming Publications

- A Problem-Based Learning Approach to One Health Cases (Book 2)
- Introductory Course to One Health Field Epidemiology Training
- Protecting First Responders Against Zoonoses in Disaster Management

 **20** community extension based grants awarded in 2017-2018

8 student clubs 

MyOHUN Highlights

Community Education and Field Training Among the Jahai School

Children in Sungai Tiang, Perak State, on Zoonotic Disease Transmission

For the past 3 years, MyOHUN has been working with the native “orang asli” from the Jahai community in the Belum Forest Reserve to create better awareness on the risks of zoonotic disease infection. In 2018 more than 70 indigenous Jahai children aged 6 to 12 years were educated in three consecutive trainings by students of various disciplines from MyOHUN member universities. Overall, over 100 university students had the opportunity to educate and train Jahai school children at the Sungai Tiang Primary School on basic disease prevention measures/hygiene, and infectious diseases using various innovative games and techniques.

One Health Antimicrobial Resistance (AMR)

Seminar & Launching of Malaysian Action Plan on AMR (MyAP-AMR)

AMR is a pervasive issue of global importance. Ministry of Health, Ministry of Agriculture and Agro-Based Industry and MyOHUN collaboratively organized the One Health Antimicrobial Resistance (AMR) Seminar & Launching of Malaysian Action Plan on AMR (MyAP-AMR) with the objective to improve the understanding and encourage the prudent use of antibiotics among all related sectors. The action plan comprises the national strategies to effectively control AMR at the interface of human-animal and the environment, emphasizing the key role of each sector towards the effective control of the situation.

National Disease Simulation Exercises

MyOHUN collaborated with multiple agencies in 2018 to conduct two simulation training exercises. The first was a joint collaboration between the Ministry of Health, Malaysia One Health University Network (MyOHUN), the Department of Veterinary Services (DVS) and the Department of Wildlife and National Parks for National Avian Influenza Disease Simulation. The exercise aimed to analyze the ability to respond to an Avian Influenza disease outbreak including testing the level of preparedness of healthcare and veterinary facilities and infrastructure in the face of an outbreak. The simulation also tested the level of coordination and communication between the respective government agencies. The second exercise was a collaboration with the DVS Putrajaya and DVS Sabah on Rabies Simulation. This was the first simulation exercise for rabies and was useful in streamlining contingency plans and regular operating procedures, as well as building teams that act fast and efficiently in dealing with the epidemic. Sabah is the neighboring state to Sarawak, which at the time of the simulation was facing rabies outbreak.

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