



Toward a One Health Approach to Antimicrobial Resistance
3 – 27 June 2019

Closing date for application : 16 March 2019

TICA : Thailand International Cooperation Agency

is a national focal point for Thailand's international development cooperation. TICA was established in 2004 to realize Thailand's aspiration to be a contributor of development cooperation. Believing that global challenges are best addressed by international cooperation and global partnership, today we continue to strengthen our contribution to achieve global development agenda through various capacity-building and human resources development programmes. In response to the recent changes in the global landscape of development cooperation, especially through the concept of South-South and Triangular Cooperation, TICA continues to realign our focuses in order to deliver Thailand's commitment to be a relevant partner in global agendas including the 2030 Agenda for Sustainable Development.

AITC : Annual International Training Course

was initiated in 1991 as a framework in providing short-term training for developing partners. Today, the AITC remains one of TICA's flagship programmes. It offers not only a training experience, but also a platform in exchanging ideas and establishing professional network among participants from across the developing world. Aiming at sharing Thailand's best practices and experience to the world, the AITC training courses focus on development topics of our expertise currently categorized under five themes namely; **"Sufficiency Economy Philosophy"** or SEP, **Food Security, Public Health, Climate Change, and Other topics related to Sustainable Development Goals (SDGs).**

**Faculty of Veterinary Science,
Chulalongkorn University**

Established in 1973, the Faculty of Veterinary Science, Chulalongkorn University is one of Thailand's leading veterinary schools. The Faculty currently comprises of 10 departments including the department of veterinary public health (CUVPH). Being aware of emerging and re-emerging of Antimicrobial Resistance (AMR) in foodborne pathogens, the CUVPH, which is in charge of the AMR cluster, now consists of Research Units in Microbial Food Safety and Antimicrobial Resistance (CUFSAR), Center of Antimicrobial Resistance Monitoring in Foodborne Pathogens (in cooperation with WHO) (CUARM) and Global Foodborne Infections Network: South-East Asia and Western Pacific Region. CUVPH is fully equipped with experts, scientific and technological knowledge and advanced facilities and is nationally, regionally and internationally recognized in the area of food safety and antimicrobial resistance.

AITC Theme : Public Health

This training course falls under the AITC theme – "Public Health". We believe that health is a very important component for economic and social development, national security, regional and global stability. In the post 2015 context, health has been increasingly recognized as a key contributor in development as good health is one of the fundamental building blocks of society and sustainable development. From improved quality to inclusive healthcare system, Thailand has been sharing our experience and lesson-learned with developing partners on the road to achieve health-related Sustainable Development Goals (SDGs).

Course Objectives

This training course aims at sharing Thailand's experiences in the application of One Health approach to combat foodborne pathogens and Antimicrobial Resistance. At the end of this course, participants are expected to;

- Gain knowledge and basic skill in the application of One Health Approach in controlling and preventing foodborne pathogens and AMR.
- Be able to apply knowledge and skill to the case of their respective countries.

Course Methodology

Training methodologies to be used during this training course include;

- Lecture;
- Group discussion;
- Laboratory Practice;
- Field trip.

Assignment and Evaluation

- In-class participation and discussion.
- Group assignment - participants will be assigned into groups to discuss and identify ways forward on the roles of stakeholders in holistic approach to reduce the antimicrobial usage including Veterinary Pharmaceutical Industry, Wholesale and retail distributors, Veterinarians, Food animal producers, Animal feed manufacturers and Consumer.
- Advance assignment – Submission and presentation of “Country Report” which contains information on current situation of antimicrobial use and antimicrobial resistance in their respective countries.
- Attendance - Participants are required to attend all activities organized during the course. TICA reserves the rights to revoke its fellowship offered or take appropriate action in case a participant is in attendance of less than 90 percent of the training hours.

Course Outline

This training course focuses on the application of One Health approach in controlling and preventing foodborne pathogen and AMR. Topics of training are such as;

- Principle and epidemiology of AMU and AMR;
- Approaches to AMR monitoring and surveillance;
- Technology and implementations for controlling and preventing AMR;
- Laboratory practice in "Standard antimicrobial susceptibility test for standardized and harmonized AMR surveillance";
- Computer laboratory practice in "Statistics for AMR monitoring and surveillance".

Participant Criteria

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications” as well as following qualifications;

- Currently working with at least two-years professional experience as veterinarians, public health officers, medical doctors and research scientists in the area of antimicrobial resistance, food microbiology, food safety and veterinary public health.
- University graduated in relevant fields with basic knowledge in microbiology.

Application

- Candidates must be nominated/ endorsed by their respective governments of the eligible countries/territories by the closing date for application.
- Complete nomination documents must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/Royal Thai Consulate-General accredited to eligible countries/ territories.

(See “List of Eligible Countries” for more information)

Number of Participants

20 persons

Training Institution and Venue

Faculty of Veterinary Sciences,
Chulalongkorn University,
Bangkok.

Selection and Confirmation

- Particular attention shall be paid to the candidates’ background, their current position, and practical use they expect to make of the knowledge and experience gained from training on the return to their positions.
- Selection of participants is also based on geographical distribution and gender balance.
- Successful applicants will be informed approximately 4 weeks before the beginning of training course.
- Successful applicants must return duly completed and signed acceptance form by the deadline to confirm their participation in the programme.

Terms of Awards

AITC Training Fellowship* includes training fee, return economy-class, airfare, accommodation, allowance, insurance, airport transfer and social programme.

* Subject to rates and conditions established by TICA

Contact

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For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

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