



## **Course description**

This international course is an overview of research ethics, focusing on the ethics of health research. This course will cover the following: a) historical background, principles, and guidelines of research ethics; b) structure, roles, and functions of research ethics committees; c) ethical considerations in health research such as those related to informed consent, conflict of interest, vulnerability, risk and benefit evaluation, research integrity and authorship, and publication; and d) ethical issues and methodologies in different health research fields (genetics research, epidemiological and social research, and traditional medicine research) in the context of national, regional, and international collaborative research.

## **Course objectives**

The general objectives of this course are: a) demonstrate a common understanding of the ethical principles in health research and b) utilize the ethical principles in reviewing different considerations and issues related to various health research fields.

## **Course format**

This course will to a large extent be organized as interactive learning where the students will work on a number of problem cases which illustrate the main points made in the lectures and presentations. It will be a four-day intensive course. Comprehensive background material will be provided to the students.

## **Course participants**

The target participants for this course are postgraduate students and researchers in biomedical sciences (including health social sciences) and members of research ethics committees.

## Course organizers

Prof. Dr. Kesara Na-Bangchang

Coordinator, WHO-TDR Clinical Coordination and Training Center (CCTC)

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## Course venue and accommodation

WHO-TDR Clinical Coordination and Training Center (CCTC),

1<sup>st</sup> Floor Academic Affairs Building (formerly Executive Office of Universiade, near SME)

Thammasat University (Rangsit Campus), Pathumthani, Thailand

## Course fees:

*Foreign Participants:*

**400 USD** (includes course materials, coffee/tea breaks, lunch, and accommodation in the university campus during the training period).

*Thai Participants:*

**4,000 THB** (includes course materials, coffee/tea breaks, and lunch during the training period) [discount is available for Thai government employees].

## Course outline:

### **First Day**

08:00 Registration of the participants

08:30 **Welcome address**

Kesara Na-Bangchang, Coordinator, WHO-TDR CCTC

08:45 **Inaugural session: Course introduction and presentation of participants**

Arthur Navarro, Research Fellow, FERCAP

09:15 **Introduction to research ethics**

Cristina Torres, Coordinator, FERCAP

10:00 Coffee/Tea break

10:30 **Roles and functions of research ethics committees**

Cristina Torres, Coordinator, FERCAP

11:15 **Scientific validity**

Juntra Karbwang-Laothavorn, Scientist, WHO-TDR

12:00 Lunch

- 13:00 ***Conflict of interest***  
Suthee Panichkul, Member, Royal Thai Army Medical Department IRB
- 13:45 ***Case Study 1: Group discussion***
- 14:30 Coffee/Tea break
- 15:00 ***Case Study 1: Reporting and Plenary discussion***
- 17:00 End of day one

## **Second Day**

- 09:00 ***Risks and benefits***  
Cristina Torres, Coordinator, FERCAP
- 09:45 ***Vulnerability***  
Cristina Torres, Coordinator, FERCAP
- 10:30 Coffee/Tea break
- 11:00 ***Informed consent***  
Sangkae Chamnanvanakij, Member, Royal Thai Army Medical Department IRB
- 12:00 Lunch
- 13:00 ***Ethical issues in clinical trials***  
Juntra Karbwang-Laothavorn, Scientist, WHO-TDR
- 14:00 ***Case Study 2: Group discussion***
- 15:00 Coffee/Tea break
- 15:30 ***Case Study 2: Reporting and Plenary discussion***
- 17:00 End of day two

## **Third Day**

- 09:00 ***Ethical issues in epidemiological and social research***  
Cristina Torres, Coordinator, FERCAP
- 10:00 Coffee/Tea break
- 10:30 ***Ethical issues in genetic research and stored tissue samples***  
Aphornpirom Ketupanya, Chair, FERCIT
- 12:00 Lunch
- 13:00 ***Case Study 3: EC/IRB Visit***  
Jaakchai Jungthirapanich, Chair, Faculty of Medicine No. 1 HEC, Thammasat University
- 14:30 Coffee/Tea break
- 15:00 ***Case Study 3: Reporting and Plenary discussion***
- 17:00 End of day three

## **Fourth Day**

09:00 ***Ethical issues in traditional medicine research***

Sopit Thamaree, Secretary, Faculty of Medicine IRB, Chulalongkorn University

10:00 Coffee/Tea break

10:30 ***Ethical issues in international collaborative research***

Cristina Torres, Coordinator, FERCAP

11:15 ***Authorship and publication***

Arthur Navarro, Research Fellow, FERCAP

12:00 Lunch

13:00 ***Examination***

15:00 Coffee/Tea break

15:30 ***Closing session: Awarding of certificates and closing remarks***

16:00 End of the course