



CALENDAR OF EVENTS

International Training Courses at Chulabhorn Research Institute

Scheduled for 2023

Training Course	Dates	Duration	Participants	Closing Date
Fundamentals of Environmental Immunotoxicology and Reproductive Toxicology	October 2-6, 2023	5 days	20 pp.	Aug. 21, 2023

Course Coordinator: *Khunying* Mathuros Ruchirawat, Ph.D.

Course Description:

This course consists of 2 parts. The first part provides an overview of blood cells and the mammalian immune system, including a detailed description of all three arms of the immune response, how toxic chemicals can impact normal immune system homeostasis to result in adverse health outcomes, cellular and functional methodologies for determining the potential immunotoxicity of a given chemical, and how immunotoxicology relates to other scientific fields, such as drug development and risk assessment. The second part introduces hormonally active agents and their mechanisms of action; routes of exposure, bioaccumulation, distribution and metabolism; effects on reproduction and development in humans and animals; and methods for studying changes in gene expression.

Requirement:

Participants should have some basic knowledge on the biology of the immune and reproductive systems, as well as methodologies for assessing the functioning of these systems.

Fellowship coverage:

The fellowship will cover course fees, round-trip airfare, accommodation allowance, daily stipend, training material, and health insurance.

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