



International Training Courses on Environmental Toxicology and Health

Training Course	Dates	Duration	Participants	Closing Date
Environmental Toxicology and Health	June 24-28, 2024	5 work days	20 pp.	March 31, 2024

Course Coordinator: Professor Mathuros Ruchirawat

Course Description:

This course provides students and participants with a background of the major groups of toxic substances encountered by man and animals through food and the environment, as well as through exposure at the workplace. These toxicants include toxic substances in air, water and soil; solvents; gases; pesticides; hazardous wastes and other pollutants. The course focuses on the chemistry, fate and distribution in the environment, mechanisms of their action, toxic manifestation in living organisms, as well as toxic syndrome in human beings. The course also provides information on the latest technologies used to study changes and effects in biological systems, e.g. biomarkers, the omics technologies, gene-environment interactions, epigenetics and transgenic models, and covers environmental health issues such as climate change, and their adverse health effects in humans.

Requirement: Participants should have some basic knowledge in chemistry and the biological/biomedical sciences.

This year, the course will be held back-to-back with the **international conference on Environmental Pollutants and Toxicants Affecting Health: Collaborative Efforts for Improving Quality of Life at the Chulabhorn Research Institute (CRI) Convention Center, Bangkok, Thailand from June 19-21, 2024.** *Participants interested in attending both the conference and training course will be given special consideration.*

Participants receiving travel fellowships to attend the conference will be required to give a short presentation (platform or poster) on Environmental Health issues of concern in their country, based on evidence published by reliable sources, e.g., health or environmental authorities in their country.

Fellowship coverage: The fellowship will cover course fees, round-trip airfare (low-cost economy class), accommodation allowance, daily stipend, training material, and health insurance.

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