



## CALENDAR OF EVENTS

### International Training Courses at Chulabhorn Research Institute

Scheduled for 2023

| Training Course                     | Approximate Dates     | Duration   | Participants | Closing Date |
|-------------------------------------|-----------------------|------------|--------------|--------------|
| Environmental Toxicology and Health | 29 June – 5 July 2023 | 5 workdays | 20 pp.       | May 5, 2023  |

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

#### **Course Description:**

##### **Environmental Toxicology and Health**

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, 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 of chemistry and the biological/ biomedical sciences.

#### **Teaching Faculty:**

- 1. Professor Herman Autrup**  
Institute of Public Health, University of Aarhus, Denmark
- 2. Professor Leonard Ritter**  
Executive Director, Department of Environmental Biology, University of Guelph, Ontario, Canada
- 3. Professor Martin van den Berg**  
Veterinary Environmental Sciences and Toxicology,  
Institute of Risk Assessment, the University of Utrecht, The Netherlands
- 4. Associate Professor Jutamaad Satayavivad**  
Laboratory of Pharmacology, Chulabhorn Research Institute
- 5. Associate Professor Panida Navasumrit**  
Laboratory of Environmental Toxicology, Chulabhorn Research Institute
- 6. Dr. Daam Settachan**  
Laboratory of Environmental Toxicology, Chulabhorn Research Institute

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

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