



University of Naples Federico II
Department of Preventive Medical Sciences



International Commission on Occupational Health
Scientific Committee on Occupational Toxicology

1st ICOH Advanced Course in Occupational Toxicology (ACOTox)

Organizers: M. Manno, C. Viau



Villa Orlandi, Anacapri (Italy)

8 – 10 June 2006

Presentation of the Course

(ACOTox is a satellite event of ICOH-2006, Milan)

The Course is aimed to update occupational physicians, occupational health professionals, industrial toxicologists and hygienists from industry, government and academia on a number of state of the art, contemporary issues in occupational toxicology.

The lectures will be held in Villa Orlandi, a small building in the typical Capri style located in the picturesque village of Anacapri, which has all the facilities for this type of event and provides an ideal setting for a pleasant and relaxed attendance and for easy interaction between attendees and lecturers.

The island of Capri can be easily reached from Naples' harbour, Molo Beverello, by boat (75') or hydrofoil (45'). Molo Beverello can be reached from Naples Airport by Airbus or taxi. Once arrived in Capri a bus will take you to Anacapri (20'). All hotels in Anacapri are within walking distance from Villa Orlandi.

Preliminary list of topics

- Basic principles of occupational toxicology
- Selective mechanisms of chemical toxicity
- Main pathways of chemical bioactivation and detoxication
- Biological monitoring (biomarkers of exposure, effect, susceptibility and early disease)
- Toxicogenomics and proteomics
- Occupational carcinogenesis
- Molecular epidemiology
- Risk assessment and risk management
- Risk perception and risk communication
- Occupational toxicology in a Court of Law
- Case studies in occupational toxicology

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PRELIMINARY PROGRAMME

Friday 9 June (morning)

Session 1 (General Aspects)

- a) Introduction to Occupational Toxicology
- b) Selective mechanism of chemical toxicity
- c) Main pathways of chemical activation and detoxication
- d) Free radical mechanisms of toxicity and protective enzymes

Friday 9 June (afternoon)

Session 2 (Genetic and Epidemiological Aspects)

- a) Pharmaco- and toxico-genetics in Occupational Toxicology
- b) Molecular Epidemiology in Occupational Health
- c) Toxicogenomics and Proteomics

Saturday 10 June (morning)

Session 3 (Applied Aspects)

- a) Occupational Toxicology in a Court of Law
- b) Biological monitoring
- c) Risk Assessment and Risk Management
- d) Risk Perception and Communication

Saturday 10 June (afternoon)

Session 4 (Specific aspects)

- a) Occupational carcinogenesis
- b) Statistical methods in Occupational Toxicology
- c) Target organ toxicity

Thursday 8 June 2006



- Arrival in Capri, Bay of Naples, Italy
- Accommodation in the hotel chosen in Anacapri
- Registration and welcome cocktail at Villa Orlandi



Friday 9 June 2006



- 08.30 – 13.00 Scientific Session 1
- 13.00 – 14.00 Buffet lunch at Villa Orlandi
- 14.00 – 17.00 Scientific Session 2
- 17.00 – 20.00 Tour “Discovering Capri”

- 21.00 Aperitif and Dinner at Anacapri Restaurant

Saturday 10 June 2005



- 08.30 – 13.00 Scientific Session 3
- 13.00 – 14.00 Buffet lunch at Villa Orlandi
- 14.00 – 17.00 Scientific Session 4
- 17.00 – 20.00 End of Course and trip around the island*

* depending on wheather conditions

Sunday 11 June 2006



- Free Time and Departure

- ✓ Information requests and preliminary registrations should be sent to:

ACOTox Scientific Secretariat

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- ✓ Accommodation/travel informations should be asked to:

ACOTox Organizing Secretariat

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