



C.B.A.S. PhD Program | Advanced Course "CLINICAL TOXICOLOGY"

3rd Edition
5 ECTS

March 15th to 23rd
2018

PLACE:
CESPU

Campus Universitário de Gandra
Rua Central de Gandra, 1317,
4585-116 Gandra - Paredes
Tel 224 157 100 / 177

APPLICATION:

Applications should be submitted at:
<http://inscricoes.cespu.pt>

FOR MORE INFORMATION:

rosaria.dias@cespu.pt

REGISTRATION DEADLINE:

9th March 2018

(+ 10€ after deadline on a space available basis)

www.cespu.pt

MAIN GOALS:

To know and identify the factors that affect toxicokinetics and consequently the pharmacological and/or toxicological response.
To identify xenobiotics with relevance in Clinical Toxicology and understand their mechanisms of toxicity.
To understand the most important antidotes.
To understand the assumptions that justify therapeutic drug monitoring and ante and post mortem forensic toxicology.

PARTICIPANTS:

The course is opened to young scientists (BSc with relevant CV, MSc and PhD students, PhD/MD, Post-doc fellows), senior researchers interested in toxicology, and holders of a scientific or professional CV of recognized merit attesting the capacity to attend this course) and senior researchers interested in toxicology.

TOTAL PARTICIPANTS: 15 (Full course with Lab classes), 50 (Theoretical classes) | Selection based on registration order.

REGISTRATION FEES: 75€/Full Course, 50€/ Theoretical Classes

CERTIFICATE: A certificate will be issued at the end of the course to all students who attended the course assiduously.

ECTS CREDITS: Students who successfully conclude the full course will be awarded 5 ECTS credits (5€, included in the registration fees).

* Please note that only university students or graduates can be awarded ECTS credits.

COURSE SCHEDULE:

15/3	16/3	19/3	20/3	21/3	22/3	23/3
9H00 - 11H15 T1 - Ricardo Dinis-Oliveira <i>Introduction to Clinical Toxicology.</i>	9H00 - 11H15 T3 - Diana Silva <i>Psychoactive substances, dependence and addiction: ethanol and opioids.</i>	9H00 - 11H15 T5 - Ricardo Dinis-Oliveira <i>Pharmacokinetics of drugs and poisons and factors influencing pharmacological and/or toxicological activities. Pharmacogenomics.</i>	9H00 - 11H15 T7 - Odília Queirós <i>Intoxications by cyanides and carbon monoxide.</i>	9H00 - 11H15 P1 - Renata Silva <i>Therapeutic Drug Monitoring of Antiepileptic Drugs – laboratorial analysis by HPLC.</i>	9H00 - 11H15 T9 - Joaquim Monteiro <i>Applications of therapeutic Drug Monitoring – central nervous system depressants, antidepressants and antipsychotics drugs.</i>	9H00 - 11H15 Ricardo Dinis-Oliveira <i>Presentation and discussion of case reports in Clinical Toxicology (student evaluation)*</i>
11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break	11H15 - 11H30 Coffee Break
11H30 - 14H00 T2 - Ricardo Dinis-Oliveira <i>Analytical screening and confirmatory methods in toxicology.</i>	11H30 - 14H00 T4 - Diana Silva <i>Psychoactive substances, dependence and addiction: stimulants (amphetamines and cocaine) and Cannabis derivatives.</i>	11H30 - 14H00 T6 - Ricardo Dinis-Oliveira <i>Intoxications by pesticides.</i>	11H30 - 14H00 T8 - Daniela Duarte <i>Therapeutic Drug Monitoring – general concepts.</i>	11H30 - 14H00 P3 - Susana Coimbra <i>Venipuncture and selection, collection, preservation and packaging of different types of biological samples.</i>	11H30 - 14H00 T10 - Joaquim Monteiro <i>Applications of therapeutic Drug Monitoring – antiepileptic drugs and cardiotonic drugs.</i>	11H30 - 14H00 Ricardo Dinis-Oliveira <i>Presentation and discussion of case reports in Clinical Toxicology (student evaluation)*</i>

CESPU TEACHING STAFF:

Ricardo Dinis-Oliveira
Joaquim Monteiro
Odília Queirós
Susana Coimbra
Daniela Duarte

INVITED SPEAKERS:

Renata Silva (FFUP)
Diana Silva (FFUP)