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ESTIV

The European Society of Toxicology *In Vitro*

ESTIV MEMBERSHIP

ESTIV membership is free for bachelor, master and (post)doctoral students. The membership fee is €30 for individual members and €18 for members of affiliated societies, including the Associazione Italiana Tossicologia *In Vitro* (CellTox), the Dutch-Belgium Society for *In Vitro* Methods (INVITROM), the UK *In Vitro* Toxicology Society (IVTS) and the Scandinavian Society for Cell Toxicology (SCCT). Membership benefits are:

- Reduced registration fee for the ESTIV congresses, workshops and courses.
- Reduced membership fee for members of affiliated societies.
- Reduced fee for the official journal of ESTIV *Toxicology In Vitro*.
- Subscription to the 6-monthly ESTIV newsletters.
- Free access to the ESTIV e-mail network.
- Membership of ESTIV Facebook page and LinkedIn.

For membership applications, please consult the ESTIV website (www.estiv.org) or contact the ESTIV secretary (secretary@estiv.org).

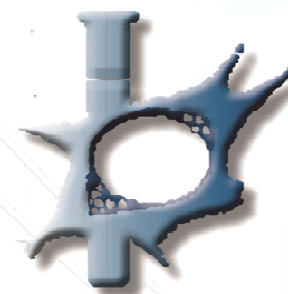
APPLIED *IN VITRO* TOXICOLOGY COURSE

Lisbon - Portugal

25 - 29 January 2015



organized by



ESTIV

The European Society of Toxicology *In Vitro*

AP Tox

SCOPE

In vitro toxicity methods are gaining importance, in particular as a response to a number of European legislative changes which call for more mechanistically-based decision-making and limit or even prohibit the use of animal experimentation for hazard assessment purposes. Hence, there is an urgent demand for toxicologists and risk assessors to implement *in vitro* testing results into regulatory safety evaluation of chemicals. This course aims at meeting this ubiquitous need by training individuals who wish to start or pursue a career in this direction or to gain an update on the state-of-the-art of applied *in vitro* toxicology.

TARGET AUDIENCE

This course is intended for (post)doctoral students and scientists from industry, academia or regulatory agencies who recently became active in the field of *in vitro* toxicology. Applicants should ideally have a background in toxicology, biology, chemistry, (bio)medical sciences, pharmaceutical sciences, veterinary sciences or equivalent. Attendees are expected to be proficient in English. A maximum of 25 participants will be enrolled in the course on a first-come/first-served basis, yet priority will be given to members of ESTIV, APTox and affiliated societies.

COURSE ORGANIZATION

This 5-day course is organized by The European Society of Toxicology *In Vitro* (ESTIV) in collaboration with The Portuguese Toxicology Association (APTox) and combines cutting-edge lectures by leading experts with highly interactive group exercises. The lectures cover a broad spectrum of subjects pertinent to regulatory, screening and investigative *in vitro* toxicology. The group exercises consist of real-life case studies in which participants will apply the principles of *in vitro* toxicology to the risk assessment of chemical substances. Course examination will be based upon presentation and discussion of the case studies. The participants will receive a certificate in the case of a positive evaluation.

COURSE TOPICS

- European legislative framework and international guidelines for *in vitro* toxicity testing of chemicals.
- Validation of *in vitro* test methods.
- *In vitro* methods for assessing cytotoxicity, skin/eye irritation/corrosion, systemic toxicity, immunotoxicity, genotoxicity, carcinogenicity and reproductive toxicity.
- Development and application of cell lines, organ-specific models, tridimensional models, bioreactors and stem cell models in *in vitro* toxicology.
- Use of “omics”-based methods in *in vitro* toxicology.
- Good *in vitro* method practices.
- *In vitro* kinetics and *in vitro-in vivo* extrapolation.
- *In vitro* aspects of pathway-based toxicology.

PRACTICAL INFORMATION

- Course dates: 25-29 January 2015.
- Course location: Lisbon-Portugal.
- Course language: English.
- Course capacity: 25 participants.
- Registration: <http://estivtraining.webs.com>
- Course fee covers participation in lectures and group exercises, course notes and other materials, lunches, coffee breaks and social events.

	Registration before 1 October 2014	Registration after 1 October 2014
Academia and regulators*	€800	€900
Industry*	€1100	€1300

* ESTIV and APTox members benefit from €50 reduction.