APPLIED IN VITRO TOXICOLOGY COURSE
Bucharest - Romania
14 - 19 April 2019

organized by

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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. Membership benefits are:

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

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

ASCCT MEMBERSHIP
ASCCT membership is $20 for students and $50 for individual regular members (or $90 for 2 years). Membership benefits are:

• Discounted subscription to ALTEX and Toxicology In Vitro.
• Discounted registration to ASCCT events.
• News and events updates in the in vitro and computational toxicology field.
• Access to a video archive of educational webinars given by experts in their field and advance registration access to upcoming webinars.

For membership applications, please consult the ASCCT website (www.ascctox.org) or contact the ASCCT secretary (info@ascct.org).
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In vitro toxicity methods are gaining importance, in particular as a response to a number of European legislative changes that call for more mechanistically-based decision-making and limit or even prohibit the use of animal experimentation for risk assessment purposes. Hence, there is an urgent demand for toxicologists and risk assessors to incorporate data from in vitro test methods into regulatory safety evaluation of chemicals. This course aims at meeting this important 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 early-stage 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 30 participants will be enrolled in the course on a first-come/first-served basis, yet priority will be given to members of ESTIV, ASCCT and affiliated societies.

Course Organization

This 6-day course is organized by the European Society of Toxicology In Vitro (ESTIV) in collaboration with the American Society for Cellular and Computational Toxicology (ASCCT) 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 the participants will apply the principles of in vitro toxicology to the risk assessment of chemical substances. Furthermore, the participants will be given the opportunity to gain hands-on experience with respect to skin and eye irritation testing in vitro.

Course Topics

- European legislative framework and international guidelines for in vitro toxicity testing of chemicals.
- Use and validation of 3R-alternative methods in Europe and the USA.
- In vitro methods for assessing cytotoxicity, skin sensitization, skin/eye irritation/corrosion, immunotoxicity, genotoxicity, carcinogenicity and developmental toxicity.
- Development and application of cell lines, organ-specific models, tridimensional and reconstructed models, bioreactors and stem cell models in in vitro toxicology.
- Use of “omics”-based methods in in vitro toxicology.
- Good in vitro method practices/good cell culture practice.
- In vitro kinetics and in vitro-in vivo extrapolation.
- In vitro aspects of pathway-based toxicology.
- Non-animal testing technologies and strategies used for chemical hazard and risk assessment in Europe and the USA.
- Hands-on training on skin and eye irritation testing in vitro.

Practical Information

- Course dates: 14-19 April 2019.
- Course location: University of Bucharest (Bogdan Petriceicu Hasdeu Street 1)
- Course language: English.
- Course capacity: 30 participants (10 seats are reserved for Romanian participants).
- Registration: https://estiv2019.com
- Course fee: covers participation in lectures and group exercises, course notes and other materials, lunches, coffee breaks, social event and dinner.

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<th>Registration before 1 December 2018</th>
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<tbody>
<tr>
<td>Academia*</td>
<td>€850</td>
<td>€950</td>
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| Industry*          | €1150                              | €1350                             *

* ESTIV and ASCCT members benefit from a €50 reduction. A maximum of 10 participants originating from and based in Romania benefit from a 50% reduction on a first-come/first-served basis. These promotional offers can not be used in conjunction.