

CONTACT

Prof. Mathieu Vinken
Department of *In Vitro* Toxicology
Vrije Universiteit Brussel
Laarbeeklaan 103
1090 Brussels
Belgium
Tel.: +322 477 45 87
E-mail: mvinken@vub.ac.be

Dr. Gertrude-Emilia Costin
Institute for *In Vitro* Sciences, Inc. (IIVS)
30 West Watkins Mill Road
Suite 100
Gaithersburg MD 20878
USA
Tel.: +1301 947 6524
E-mail: ecostin@iivs.org



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).

APPLIED IN VITRO TOXICOLOGY COURSE

Bucharest - Romania

14 - 19 April 2019



Picture: Diego Delso, delso, photo, license CC-BY-SA

organized by



ESTIV
The European Society of Toxicology In Vitro



American Society for Cellular
and Computational Toxicology



UNIVERSITY OF
BUCHAREST
FUNDATA PE 22 Iunie 1858



MatTek

IN VITRO
LIFE SCIENCE
LABORATORIES

SCOPE

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.

	Registration before 1 December 2018	Registration after 1 December 2018
Academia*	€850	€950
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.