

**REGISTRATION FEES** (VAT included)  
€ 250 (with ECM), € 150 (without ECM)

Increased by € 30 after June 7<sup>th</sup> 2002  
The fee includes: course participation, conference kit, teaching materials (digital and paper copy), participation certificate, coffee breaks and lunches.

#### REGISTRATION

- Online until 7/06/2022, from the website of Centro 3R, and filling in the [form](#).



- After confirming the registration, the fee has to be paid through Bank Transfer, payable to: **Ggallery srl - Banco di Credito P. Azzoaglio, Filiale di Cengio (SV), Via Bagnolo 1, 17056 IBAN IT8720342549370CC0260111990**, Re: *APPLICAZIONE DI MODELLI SOSTITUTIVI ALL'ANIMALE NELL'AMBITO COSMETOLOGICO*
- The receipt of payment has to be sent by 07/06/2022, by email ([moira.nevins@gallerygroup.it](mailto:moira.nevins@gallerygroup.it)) or in person to Ggallery srl - Piazza Manin 2 b-r, Opening hours: 9 - 18 (parking available)

The course aims at providing an update on alternative methods for animal testing, in the context of risk identification in cosmetics, and adhering to European Regulations placing a complete ban on animal testing for cosmetic purposes (CE n. 1223/2009).

The Regulation improves the safety of cosmetic products sold in EU by strengthening their safety requirements. It simplifies procedures for companies and competent authorities in the sector, updates the rules for taking into account the latest technological developments, including the possible use of nanomaterials, and keeps the ban on animal testing in place.

To this end, it is crucial to provide an understanding of the scientific bases of these regulations and up-to-date information to students in biomedical sciences. It is also important to contribute to the training of technicians/researchers already operating in the cosmetic industry, emphasizing aspects of eco-sustainability. Finally, the consolidation of collaborations between biologists, chemists, ecologists is a must.

The course is run by the Italian [Centro3R, Interuniversity Center of the Promotion of the 3R Principles in Teaching and Research](#).

#### SCIENTIFIC & ORGANISING COMMITTEE

**Anna Maria Bassi**, Susanna Penco, Carla Villa,  
Stefania Vernazza, Sara Tirendi, Vanessa  
Almonti, Chiara Magliaro, Irene Carmagnola



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Innovative  
approaches in  
cosmetic testing,  
in compliance  
with European  
regulations

June 22<sup>nd</sup>-23<sup>rd</sup> 2022

#### LABORATORIO DIDATTICO DIMES

University of Genova,  
via Pastore 3, 16132 Genova

ECM credits: 15.2 (code 39- 347236).



Maximum number of participants: 40\*.  
Minimum number: 14.  
\*If necessary, participants will be selected on the basis of their experience with basic cell culture techniques.



**Centro 3R**



University of Genova

# »» JUNE, 22<sup>nd</sup>

8.30 – 9.30	<i>Registration</i>
	<i>Introduzione al corso</i>
9.30 - 10.00	<i>Arti Ahluwalia &amp; Valeria Chiono</i> Centro3R impegno nella formazione
10.00 - 11.00	<i>Tomaso Munari:</i> Irritazione e Corrosione nell'ambito del Regolamento CLP e della normativa rifiuti.
11.00 - 11.30	<i>Maria Costanza Rovida:</i> Conflitto tra REACH e regolamento cosmetici per quanto riguarda i test sugli animali
11.30 – 12.00	<b>Coffee break</b>
	<i>Jan Markus</i>
12.00 - 12.45	In vitro skin irritation tests using reconstructed human epidermis model EpiDerm
	<i>Laura Ceriotti</i>
12.45 - 13.15	Skin sensitization: validated alternatives and defined approaches
13.15 – 14.45	<b>Q&amp;A session - Lunch</b>
	<i>Andy Forreryd</i>
14.45 - 15.15	The GARD assay for sensitization hazard identification and risk assessment
	<i>Maria Costanza Rovida</i>
15.15 - 15.45	From AOPs (Adverse Outcome Pathways) to the next generation risk assessment (NGRA) for the final goal of full animal replacement in toxicology
15.45 - 16.20	<b>Q&amp;A session - Coffee break</b>
	<i>Jan Markus</i>
16.30 - 18.00	EpiDerm Skin irritation test according to OECD TG 439 (Training)

# »» JUNE, 23<sup>rd</sup>

	<i>Carla Villa</i>
9.30 - 10.00	Il packaging in cosmetica: ruolo interazioni e trend
	<i>Emma Di Consiglio</i>
10.00 - 10.30	Rilevanza dei sistemi sperimentali in vitro e fattori che possono influenzare l'outcome dello studio.
	<i>Rossella Laurano</i>
10.30 - 11.00	Advanced wound dressings and models for their preclinical validation
11.00 - 11.30	<b>Coffee break</b>
	<i>Silvia Letasiava</i>
11.30 - 12.15	The assessment of eye irritation potential of chemicals, cosmetics, and household products using reconstructed human cornea-like model EpiOcular
	<i>Tommaso Sbrana</i>
12.15 - 12.45	A new and highly representative in-vitro model of human skin
12.45 – 14.30	<b>Q&amp;A session - Lunch</b>
	<i>Gianni Ciofani</i>
14.30 - 15.00	Grape-derived extracts as potential active pharmaceutical and cosmetic ingredients
	<i>Carla Villa</i>
15.00 - 15.30	Estrazioni microonde ecosostenibili di ingredienti cosmetici da scarti agrifood
	<i>Chiara Magliaro</i>
15.30 - 16.00	Modelli in silico al supporto dei modelli in vitro
	<i>Silvia Letasiava</i>
16.00 - 17.00	EpiOcular Eye Irritation test according to OECD TG 492 (Training)
17.00 - 18.00	<b>Q&amp;A session</b> <b>Exam for the ECM</b>

# TEACHERS

Laura Ceriotti	VitroScreen s.r.l.
Gianni Ciofani	Istituto Italiano di Tecnologia
Emma Di Consiglio	Istituto Superiore Sanità
Andy Forreryd	SenzaGen AB
Rossella Laurano	Politecnico di Torino
Silvia Letasiava	MatTek In Vitro Life Science Laboratories
Chiara Magliaro	Università di Pisa
Jan Markus	MatTek In Vitro Life Science Laboratories
Tomaso Munari	IA Industria Ambiente
Maria Costanza Rovida	Center of Alternatives to Animal Testing-Europe
Tomaso Sbrana	IVTech s.r.l.
Carla Villa	Università di Genova

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