

Workshop

# Materials and Technologies enabling 3D Models for standardised in-vitro toxicology studies

26 May 2023, 10:30-16:30 (CET)

Conference Room - Sala Agorà I3P,  
Incubatore di Imprese Innovative del  
Politecnico di Torino

Live streaming on Teams:



**ALTERNATIVE**

environmentAL Toxicity chEmical  
mixtuRes through aN innovative  
platform based on  
aged cardiac tissue model



## PROGRAM:

**10:00** Registration and welcome

**10:20** Gianluca Ciardelli, Politecnico di Torino: «Cardiac tissue model for toxicology studies»

**11:00** Edoardo Luca Viganò, Istituto di ricerche farmacologiche Mario Negri: «Predicting Cardiotoxicity with *in silico* Methods: Challenges and Opportunities»

**11:30** Camila Betterelli, Elvesys: «Current challenges and developments in next-generation *in vitro* assays»

**12:10** Valerie Zuang, JRC: «Validation and Regulatory Acceptance of Alternative Methods and Approaches»

**12:45** Light Lunch

**13:45** Cornelia Lee-Thedieck, Leibniz University Hannover: «3D models of the bone marrow for drug testing»

**14:15** Isabella De Angelis, Istituto Superiore di Sanità: «Towards the Standardization of Intestinal *in vitro* Advanced Barrier Model for nanosafety investigation»

**14:45** Paolo Netti, Università Federico II, Istituto Italiano di Tecnologia: «Bioengineering functional Barrier Tissue *in vitro*»

**15:15** Lorenzo Moroni, Maastricht University: «A multistage model of thyroid for screening endocrine-disrupting chemicals»

**15:45** Massimiliano De Paola, Istituto di ricerche farmacologiche Mario Negri: «When the patient is the model: use of human induced pluripotent stem cells and neural organoids to study brain diseases»

**16:15** Round table and closing remarks

**PARTICIPATION FREE OF CHARGE**

**REGISTRATION REQUIRED  
BEFORE 19/05**

Workshop registration



<https://forms.office.com/e/S620cC2wnQ>

Organised by:



**Politecnico  
di Torino**



**ALTERNATIVE**



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