Workshop

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

ALTERNATIVE

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

26 May 2023, 10:00-16:30 (CET)

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

Live streaming on Teams:

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

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