



**The role of 3Rs in the age of One Health:
*where we are and where we're going.***

September 13-15, 2023

Invited Speakers

List of confirmed speakers:

ANNA MARIA BASSI



Contract Professor at the Department of Experimental Medicine, School of Medical and Pharmaceutical Sciences, University of Genoa

Laboratory of Physiopathology Analysis and Research (LARF) - Dept. Experimental Medicine (DIMES)- Pathology Sect., University of Genova

Centro3R *ad honorem* member

EMILIO BENFENATI



Head of the Laboratory of Environmental Chemistry and Toxicology, Mario Negri Institute, Milan, Italy



Dr. Emilio Benfenati is head of the Department of Environmental Health Sciences at the Mario Negri Institute, Milan, Italy. His research activities include: in-silico approaches for toxicity prediction, computer chemistry, QSAR, risk assessment and environmental analysis. He coordinated 21 EC projects and participated to 22 others.

VALENTINA CALDERAI



Department of Law

University of Pisa



MARIE CARRIERE



Commissariat à l'Énergie Atomique et aux Énergies Alternatives, CEA, France



Dr. Marie Carriere is a researcher at the Atomic Energy and Alternative Energy Commission (CEA) in Grenoble, France. She obtained her PhD in 2002, developing non-viral vectors for gene therapy, in a joint laboratory between Sanofi-Aventis and the French National Research Scientific Center (CNRS). Her present research activities are focused on metal, nano(bio)material, micro- and nanoplastic particle toxicology, using in vitro models and New Approaches and Methodologies, including the development of 3D in vitro models and exploiting realistic in vitro exposure scenarios.

SANDRA COECKE



Multi-stakeholder Horizontal Team Leader Farm to Fork
Methods and Models for One Health
European Commission
Directorate General Joint Research Centre
Directorate F – Health and Food - JRC.F.7 Digital Health
Ispira (VA), Italy

MADDALENA COLLINI



Department of Physics "Giuseppe Occhialini"
Università degli Studi di Milano-Bicocca



Università degli Studi di Milano-Bicocca

IRINI FURXHI



Transgero Ltd, Ireland



Dr. Irini Furxhi is a Postdoctoral researcher exploring the application of New Approach Methodologies in the safe-by-design paradigm. She is also executing the data management and FAIRification for the ASINA project data. Irini received her Ph.D. in Machine Learning for the Safety of Nanomaterials from the University of Limerick (Ireland). In her master's thesis of toxicology, she assessed the health risk from environmental toxicants using biokinetics modelling.

VERONICA KRENN



Human Technopole Early Career Fellow , University of Milan-Bicocca, Dept. Biotechnology and Bioscience

"My laboratory is interested in understanding the pathophysiology of neurodevelopmental and neuropsychiatric disorders (NNDs), in particular the contribution of neuro-immune dysfunctions. Our research focuses on:

- the development of novel human brain organoid models, 3D models of neurodevelopment and physiology entirely derived in vitro from human pluripotent stem cells (hPSCs), that can accurately model the pathophysiology of these conditions in a culture setting;*
- the impact of genetic and environmental factors that predispose to NNDs on brain development and neuro-immune regulation."*

IRANTZU GARMENDIA AGUIRRE



European Commission, Directorate General Joint Research Centre, Directorate F – Health and Food, Unit F.2 – Technologies for Health



Irantzu is the Project Officer at the Joint Research Center leading the SSbD project in the Technologies for Health Unit and in charge of the safety aspects of the framework. She has more than 15 years of experience as a professional in the field of regulatory affairs and product stewardship. Irantzu is an Organic Chemist by training with postgraduates in Occupational Health and Safety, Chemical Engineering and Toxicology.



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ANGELO GAZZANO



Department of Veterinary Science University of Pisa


 *Research Field: research is developed in the field of pet behavior (dog and cat) and animal welfare.*

MAURIZIO GUALTIERI



Department Of Earth And Environmental Sciences

University of Milano-Bicocca

 *Dr Maurizio Gualtieri is a researcher at the University of Milano-Bicocca, Dept. of Earth and Environmental Sciences. He obtained his Ph.D. in 2005, evaluating the impact of tire debris particles on a lung in vitro model. His research interest is now focused on investigating toxicological outcomes of human relevant environmental doses of air pollutants exploiting direct environmental exposure of in vitro lung models and linking these novel results with the health impacts of air pollution.*

ANNEMARIE LANG



Department of Orthopaedic Surgery, University of Pennsylvania, PA, USA
Centre for Translational Bone, Joint and Soft Tissue Research, Faculty of
Medicine Carl Gustav Carus, TU Dresden, Dresden, Germany



Università degli Studi di Milano-Bicocca

PAOLO NETTI



Department of Chemical, Materials, and Industrial Production Engineering,
University of Naples Federico II

Center for Advanced Biomaterials for Healthcare, Istituto Italiano di
Tecnologia (IIT@CRIB)

Interdisciplinary Research Center on Biomaterials (CRIB), University of
Naples Federico II

URI NEVO



Dep. of Bio-Medical Engineering

ENGINEERING GENERAL

University of Tel Aviv

PAOLO PESCIO



Managing Director - Eurofins Regulatory & Consultancy Services Italy Srl



European Registered Toxicologist with a M.S. in Applied Toxicology and Biomedical Engineering, Paolo has over 15 years of experience in biological evaluation of medical devices and toxicological risk assessment for pharmaceutical products. He is Senior Scientific Director at Eurofins Medical Device Testing Europe and member of ISO TC 194 and CEN TC 206.



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MANUELA TERESA RAIMONDI



Prof. Ing., PhD

Politecnico di Milano

Dept. of Chemistry, Materials and Chemical Engineering "G. Natta"

MARTA RAYO LUNAR



Scientific and Regulatory Affairs Director

Asphalion, Barcelona (Spain)

THOMAS VACCARI



Department of Biosciences (DBS)

University of Milan



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