

Continuing the NanoHarmony / NANOMET journey

Harmonisation and Standardisation of test methods for nano and advanced materials

two days focused on the standardisation roadmaps for in vitro models and graphene

online, 22 & 23 November 2023, 10.00 – 15.15 CET

Agenda

Day 1- 22 November 2023

Chair: Sean Kelly (NIA)

Time (CET)	Session Title	Speakers
10.00-10.20	Welcome & Introduction to the Workshop	Steffi Friedrichs (AcumenIST)
10.20-10.40	Status of OECD TG developments for nanomaterial	Mar Gonzalez (OECD)
10.40-11.00	The European Partnership on Metrology (EPM) and VAMAS: Opportunities for Pre-Standardisation Activities	Georges Favre (LNE)
11.00-11.20	Contribution of ECVAM towards Validation and regulatory Acceptance of <i>in vitro</i> Methods	Valerie Zuang (ECVAM)
11.20-11.40	Approach Methodologies (NAMs) and how to bridge them into regulation	Andrea Haase (BfR)
Developments of <i>in-vitro</i> Models and bridging them towards Standardisation / Harmonisation and Regulation		
11.40-12.00	MACRAMÉ's Approach towards the Harmonisation of <i>in vitro/ex vivo</i> Models for Inhalation Toxicology	Tommaso Serchi (LIST)
12.00-12.40	Lunch Break	
12.40-13.00	The Work planned in nanoPASS to support the Weight of Evidence of AOP302 Lung Surfactant Function Inhibition Leads to reduced Lung Function	Jorid Birkelund Sørli (NRCWE)
13.00-13.20	iCare's Approach towards the Harmonisation of human and ecotox Models for Neurotoxicity	Alberto Katsumiti (GAIKER)
13.20-13.40	Strategies to increase the technical Quality of new Approach Methodologies (NAMs) and Nanoecotoxicology Tests	Elijah Petersen (NIST)
13.40-15.00	Round Table on Harmonisation & Standardisation of <i>in vitro</i> Models and how to bridge them into Regulation	Chair: Blanca Suarez Merino (NIA) Participants: presenters of the day
15.00-15.15	Round-up of Day 1	Sean



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Day 2 - 23 November 2023

Chair: Ernesto Alfaro-Moreno (INL)

Time (CET)	Session Title	Speakers
10.00-10.10	Welcome & Introduction to Day 2	Ernesto Alfaro-Moreno (INL)
10:10-10.30	OECD Test Guidelines for Nanomaterials: Support and future steps towards TG development by Malta Initiative and NanoHarmony	Elisabeth Heunisch (BAuA)
10.30-10.50	Status and Challenges in Regulation of Graphene	Eric Bleeker (RIVM)
Session on (Pre-)Standardisation Activities for pristine Graphene		
10.50 – 11.10	ISO and VAMAS Activities on (pristine) Graphene	Charles Clifford (NPL)
11.10 – 11.30	Achievements of the Graphene Flagship and the Way forward	Jörg Radnik (BAM)
11.30-11.50	Framework on Characterisation	Terance Barkan (Graphene Council)
11.50-12.30	Lunch Break	
Activities on Determination of Graphene in complex Media		
12.30-12.50	Interlaboratory Study of graphene using TGA	Dusan Losic (University of Adelaide)
12.50 – 13.10	Simultaneous Screening of the Stability and Dosimetry of Nanoparticles Dispersions using SMLS for <i>in vitro</i> Toxicological Studies	Guillaume Lemahieu (Formulation)
13.10 – 13.30	Approaches to identify and measure the Stability of Graphene in complex Media	Fanny Caputo (LNE)
13.30 - 15.00	Round Table on the Needs for Characterisation and Test Method Developments for Graphene	Chair: Georges Favre (LNE) Participants: presenters of the day
15.00-15.15	Workshop Wrap-Up – Conclusions - Outlook	Steffi Friedrichs (AcumenIST)

