

Continuing the NanoHarmony / NANOMET journey

## Harmonisation and Standardisation of test methods for nano and advanced materials

two days focussed on next generation risk assessment, computational methods and the assessment of complex samples along the life-cycle

online, 18. & 19. November 2024, 10.00 – 15.00 CET

### Preliminary Agenda

**Day 1 – 18. November 2024**

**Technical Chair/ support: Sean Kelly (NIA)**

Time (CET)	Session Title	Speakers
10:00-10:10	Welcome and introduction	Ernesto Alfaro-Moreno (INL)
10:10-10:30	Status of nano Test Guideline developments	Mar Gonzalez (OECD)
10:30-10:50	Needs Assessment of (Regulatory) Frameworks for Advanced Materials	Eric Bleeker (RIVM)
<b>Next generation risk assessment – Challenges of its applicability for AdMas; Session Chair: Ernesto Alfaro-Moreno (INL)</b>		
10:50-11:10	Roadmap on phasing out animal testing - towards a future chemicals safety assessment	Elisabet Berggren (JRC)
11:10-11:25	Towards an overarching NGRA framework (PARC).	Matthias Herzler (BfR)
11:25-11:40	Activities in PARC on Nanomaterials	Iseult Lynch (UoB)
11:40-12:00	Challenges and steps of validating NAMs (Updating OECD Guidance Document 34)	Joao Barroso (JRC)
<b>12:00 – 12:40</b>	<b>Lunch Break</b>	
12:40-13:00	How to cover tox. endpoints without animal testing?	Robert Landsiedel (BASF)
13:00-13:20	The Bridging Model C. elegans as a NAMs Tool in Neuronanosafety: Updates from iCare	Nivedita Chatterjee (INL)
13:20-13:40	Proposal for a NAMs qualification system in the food and feed sector: example of implementation for nanomaterial risk assessment	Andrea Haase (BfR)
13:40-14:50	Round table: Next generation risk assessment and the specific challenges for AdMas	Moderator: Tommaso Serchi (LIST)
14:50-15:00	Closing of Day 1	Ernesto Alfaro-Moreno (INL)



## Day 2 – 19. November 2024

Technical Chair: Elisabeth Heunisch (BAuA)

Time (CET)	Session Title	Speakers
10:00-10:10	Welcome & Introduction to Day 2	Steffi Friedrichs (AcumenIST)
<b>Standardising testing along the life-cycle of advanced material-enabled products for risk assessment; Session Chair: Blanca Suarez-Merino (TEMASOL)</b>		
10:10-10:30	Guidance on release testing of nanomaterials	Anna Pohl (BAuA)
10:30-10:50	Experience from the assessment of graphene in cementitious and rubber based composites	Stephen Hodge (Versarien)
10:50-11:10	Regulatory Compliance: Progress and Hurdles	Kai B. Paul (Blue Frog Scientific Group)
11:10-11:40	Q&A and Discussion	Moderator: Blanca Suarez (TEMASOL)
<b>Essential use of advanced computational methods to support risk assessment of nano and advanced materials; Session Chair: Damjana Drobne (University of Ljubljana)</b>		
11:40-12:00	Read across and grouping	Agnieszka Gajewicz-Skretna (Uni Gdansk)
12:00-12:20	Advanced computational methods for automated correlative microscopy of AdMas	Asmus Meyer-Plath (BAuA)
<b>12:20 – 13:00 Lunch Break</b>		
13:00-13:20	Challenges in Correlative imaging of Advanced Materials	Dan Hodoroaba (BAM)
13:20-13:40	Automated time-evolved microscopy, automated image quantification and automated in-vitro-to-in-silico translation for High-throughput Mode-of-Action determination and associated long-term Hazard assessment	Janez Štrancar (Infinite Biotech)
13:40-14:00	The use of modelling in OMICs and how to use OMICs for regulation	Roland Grafström (KI)
14:00-14:20	Standardisation challenges for AI-ready and trustworthy (meta)data provision	Thomas Exner (7Past9)
14:20 – 14:50	Q&A and Discussion	Moderator: Damjana Drobne (University of Ljubljana)
14:50 – 15:00	Closing of Day 2 and the 2nd Joint Workshop	Blanca Suarez (TEMASOL)

