

Advances in Nanomaterial Human and Environmental Hazard Assessment Methods

PATROLS Stakeholder Workshop

19 April 2021, 10.00-15.00 CEST

Agenda

Chairs: Morning Session Shareen Doak (Swansea)
Afternoon Session Keld Alstrup Jensen (NRCWE)

Time (CEST)	Title	Speakers/ WP Leads
10.00	Introduction to PATROLS	Shareen Doak (Swansea University, UK)
10:10	Development of Standard Operating Procedures (SOPs) in PATROLS: The PATROLS SOP Library	Keld Alstrup Jensen (The National Research Centre for the Working Environment, DK)
10:30	From science to OECD guidelines and standards	Mar Gonzalez (OECD, FR)
10:45	Overview of SOPs used for PhysChem characterization and testing	Keld Alstrup Jensen (The National Research Centre for the Working Environment, DK)
10.55	Testing dissolution, solubility rates and particle reactivity in cell media and within cells	Keld Alstrup Jensen (The National Research Centre for the Working Environment, DK)
11.05	Making the case for research advancement: Application of different SOPs for exposure/ dose characterisation	Barbara Rothen-Rutishauser (Adolphe Merkle Institute, CH)
11.15	Q&A for PhysChem SOPs	
11:25	Coffee	
11:40	An overview about lung cell models for different research questions	Martin Clift (Swansea University, UK)
11.50	Towards more (patho)physiological lung systems and their pros / cons	Barbara Rothen-Rutishauser (Adolphe Merkle Institute, CH)
12.00	Development of a robust air liquid interface model: intricacies and round robin study	Rob Vandebriel (RIVM, NL)
12.10	Q&A for Lung SOPs	
12:20	SOPs for Liver	Ali Kermanizadeh (Heriot-Watt University, UK) and Sam Llewellyn (Swansea University, UK)
12.35	SOPs for GIT	Angela Kämpfer (Leibniz Research Institute for Environmental Medicine (IUF), DE) and Victor Ude (Heriot-Watt University, UK)
12.50	Q&A for Lung/ GIT SOPs	
13:00	Lunch	
13:30	SOPs for Environment: SOP for the algal growth inhibition test	Anders Baun & Lars M. Skjolding (Danmarks Tekniske Universitet, DK)
14.00	Q&A for SOPs for Environment	
14:10	SOP for AOP-anchored Nano QSAR.	Karolina Jagiełło/ Tomasz Puzyn (Qsar Lab, PL)
14.25	SOPs for dosimetry in vitro	Arti Ahluwalia (Universita di Pisa, IT)
14.40	Q&A for SOPs for QSAR	
14.50	Concluding Remarks	Shareen Doak (Swansea University, UK)