

The Science Consortium at #2025SOT



PETA SCIENCE CONSORTIUM
INTERNATIONAL e.V. 

Sunday, 16 March

CONTINUING EDUCATION COURSE

Fit-for-purpose methods to fulfill 21st-century chemical risk assessment

Co-chairs: Anna Lowit (US Environmental Protection Agency), Gina Hilton (PETA Science Consortium International e.V.)

Time: 8:15 am–12:00 pm

CONTINUING EDUCATION COURSE

Dosimetry for inhaled substances: advancing in silico modeling and quantitative in vitro workflows

Co-chairs: Jessica Murray (US Environmental Protection Agency), Monita Sharma (PETA Science Consortium International e.V.)

Time: 8:15 am–12:00 pm

UNDERGRADUATE EDUCATION PROGRAM CAREER ROUNDTABLE

Opportunities in toxicology

The roundtable is an opportunity for students to interact with senior researchers and learn about the myriad fields that toxicology has to offer. This year, Consortium scientist Dr Gina Hilton will participate.

Time: 2:10–3:10 pm

Monday, 17 March

POSTER

Abstract Number/Poster Board number: 3468/L601 ([PDF](#))

The INSPIRE Initiative: assessing the potential toxicity of surfactants using human respiratory cell-based in vitro systems

Stucki AO,¹ Sharma M,¹ Roldan N,¹ Verstraelen S,² Jacobs A,² Hollanders K,² Van Laer J,² Remy S,² Frijns E,² Clippinger AJ¹

¹PETA Science Consortium International e.V.; ²Flemish Institute for Technological Research (VITO)

Session Title: Respiratory Toxicology I

Time: 9:15–11:45 am

CHAIRED SESSION

Accelerating acceptance of new approach methodologies for respiratory toxicology through standardization efforts [informational session]

Co-chairs: Holger Behrsing (Institute for In Vitro Sciences), Monita Sharma (PETA Science Consortium International e.V.)

Time: 12:10–1:30 pm

POSTER

Abstract Number/Poster Board Number: 3596/P750 ([PDF](#))

Collaborative efforts to advance in vitro inhalation toxicity testing towards regulatory acceptance

Roldan N,¹ Sharma M,¹ Bettmann A,¹ Stucki AO,¹ Clippinger AJ¹

¹PETA Science Consortium International e.V.

Session Title: Educating Future Toxicologists and Communicating with the Public

Time: 1:45–4:15 pm

Tuesday, 18 March

POSTER

Abstract Number/Poster Board Number: 4228/P742 ([PDF](#))

A framework for predictive risk assessment of non-genotoxic agrochemicals using read-across to reduce vertebrate testing

Goetz A,¹ Ryan N,¹ Freeman E,² Nahar M,² Picard C,² Dreier D,¹ Hilton G,³ Currie RA,⁴ Ramanarayanan T¹

¹Syngenta Crop Protection LLC; ²Exponent Inc; ³PETA Science Consortium International e.V.; ⁴Syngenta Crop Protection

Session Title: Risk Assessment II

Time: 9:15–11:45 am

CHAIRED SESSION

Assessing the metabolic competence of in vitro models and their applicability in regulatory toxicology [symposium session]

Co-chairs: Hans Raabe (Institute for In Vitro Sciences), *Nuria Roldan (PETA Science Consortium International e.V.)

*Includes an oral presentation by Nuria Roldan on “Assessing lung metabolic competency for *in vitro* inhalation toxicology applications”

Time: 11:00 am–12:30 pm

Wednesday, 19 March

POSTER

Abstract Number/Poster Board Number: 4712/K553 ([PDF](#))

Use of OECD TG 249 aquatic toxicity test for assessing hazardous waste for complex mixtures

Enos K,¹ Stoddart G,² Faßbender C,² Fischer S,³ Schirmer K⁴

¹HP Inc; ²PETA Science Consortium International e.V.; ³aQuaTox-Solutions GmbH; ⁴Eawag

Session Title: New Approach Methods: *In Vitro* II

Time: 9:15–11:45 am

POSTER

Abstract Number/Poster Board Number: 4755/L601

Identifying hazardous, respirable polymers: a framework for evaluating the inhalation risk of new polymer chemicals

Salazar KD,¹ Martin WK,¹ Bettmann A,² Roldan N,² Sharma M,² Stucki AO,² Clippinger AJ²

¹US Environmental Protection Agency; ²PETA Science Consortium International e.V.

Session Title: Risk Assessment III

Time: 9:15–11:45 am

POSTER

Abstract Number/Poster Board Number: 4756/L602 ([PDF](#))

Identifying hazardous, inhalable surfactants: a framework for evaluating the inhalation risk of new surfactant chemicals

Martin WK,¹ Salazar KD,¹ Bettmann A,² Roldan N,² Sharma M,² Stucki AO,² Clippinger AJ²

¹US Environmental Protection Agency; ²PETA Science Consortium International e.V.

Session Title: Risk Assessment III

Time: 9:15–11:45 am

Participation of US federal employees is subject to change.