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## *Scientific Programme*

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# **Occupational Hygiene Society of Ireland (OHSI) and the European Chapter of the International Society of Exposure Science (ISES Europe) 2026 Workshop**



**Prevention is better than the cure**  
***Is fearr cosc ná leigheas***

OHSI/ISES Europe Joint Workshop 2026

June 10<sup>th</sup> and 11<sup>th</sup>, 2026, University College Dublin, Ireland

*10th and 11th of June, 2026  
O'Reilly Hall, UCD, Dublin.*

\*Subject to change, please ensure to review prior to the workshop.

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## *Is fearr cosc ná leigheas – Prevention is better than the cure.*

The OHSI/ISES Europe 2026 Workshop will be a joint event by the Occupational Hygiene Society of Ireland (OHSI) and the European Regional Chapter of the International Society of Exposure Science (ISES Europe). The workshop will be the first joint venture of these societies and will be hosted in the University College Dublin (UCD), Ireland's largest university, and the largest English-speaking university in the European Union.

The ambitions of both of these societies are working towards a healthier environment and population, aligning with this year's workshop theme '*Is fearr cosc ná leigheas*' [Irish] – Prevention is better than the cure. The scientific programme has been devised by our esteemed scientific committee, comprising 23 members from twelve countries, from practitioners, academia, public bodies and regulators. With over 125 abstracts submitted, this has curated a diverse array of keynote addresses, oral presentations, and poster sessions. The scientific programme, which has over 100 presenters, including 4 keynote speakers, over 80 oral presentations and 32 poster presentations over the two days. Our keynote speakers will present on innovative topics, including One Health and the challenge of common measures across silos, Exposure Science at the Heart of the European Green Deal, Healthy Environment, Healthy Lives - The Role of the Environment in Supporting Health and Wellbeing in Europe and Chemical Mixtures and Human Health. Over the two days, there will be seven parallel sessions which will include topics such as workplace safety, air and dust measurement, human biomonitoring, communication and enhanced education. There will also be interactive sessions to discuss topics such as human biomonitoring, exposure models, biological agents, training/education and policy, which are open to all. The event will also include a conference dinner with a traditional Irish experience, the 'Hooley experience', which will include traditional Irish music and dancing during this networking event.

Come join us in Ireland! *Tar go hÉirinn!*

### **Sincere gratitude to all of the members of the Scientific Committee:**

**Chair:** Dr Alison Connolly

Daniel Bury

**Committee members:**

Sonja Wrobel

Conor Buggy

Janja Snoj Tratnik

Darragh Doherty

Kate Jones

Richa Singh

Marta Esteban López

Sewon Lee

Manosij Ghosh

Urs Schlüter

Natalie von Goetz

Karen Galea

Shara Smith

Celia Tanarrogozalo

Victoria Hogan

Daniel Figueiredo

Wouter Fransman

Susana Viegas

Hannah McKeon

Carla Viegas

Edgars Felkers

# OHSI/ISES Europe 2026 Workshop

Day 1   [10th June 2026]			
8:00 - 9:00	Welcome Desk: Badge Pickup & Morning Coffee in Reception and Exhibit Hall		
9:00 – 09:15	<p>Opening Address - <i>Large Auditorium</i>  <b>Dr Alison Connolly</b>  <i>Chair Scientific Committee OHSI/ISES Europe 2026 Workshop</i></p>		
9:15 - 10:00	<p>Opening Keynote - <i>Large Auditorium</i>  <b>Prof. Tony Holohan</b>  <i>One Health and the challenge of common measures across silos</i></p>		
Session 1	Large Auditorium	Hall B	Hall C
10:00 – 11:30	<p><b>Biological agents' exposure assessment</b></p> <p><b>Chair: Dr Carla Viegas</b></p> <ol style="list-style-type: none"> <li><i>Tackling Microbial Contamination in Portuguese Farms: A One Health Perspective – Carla Viegas</i></li> <li><i>Implementing Evidence-Based Infection Prevention Strategies in Primary School Environments – Pedro Pena</i></li> <li><i>Exposure Assessment of Biological Agents in Primary School Classrooms: First Results from a Cluster-Randomized Trial to Assess Effectiveness of Portable Air Cleaners – Lidwien Smit</i></li> <li><i>Antibiotics and Occupational Health from a One Health perspective in animal husbandry – Dierk Pöther</i></li> <li><i>Impact of pesticide use on antimicrobial resistance genes in greenhouse aerosols – Anne Straumfors</i></li> <li><i>When faces matter: quantifying total inward leakage of surgical and FFP2 masks with a fluorescent tracer – Kirsten Lassing</i></li> </ol>	<p><b>Science to policy and regulatory influence</b></p> <p><b>Chair: Edgars Felkers</b></p> <ol style="list-style-type: none"> <li><i>Hazard and Exposure Assessment in the Prioritisation of Tyre Additive Chemicals – Ed Stutt</i></li> <li><i>Building Better Exposure Science: Lessons from the Pesticide Industry's Generic Database Approach - Jennifer Thomasen</i></li> <li><i>Chemicals and Carcinogens - Legislative updates in Ireland - Michelle McDermott</i></li> <li><i>Improving air pollutant exposure assessment by agent-based modelling – the example of nitrogen dioxide - André Conrad</i></li> <li><i>Social disparities in pollutant exposure among children and adolescents in Germany: An analysis of population representative GerES V study (2014-17) – André Conrad</i></li> <li><i>A tiered framework to aggregate exposure assessment of chemicals: illustrated by PTBBA and PropylParaben - Femke Affourtit</i></li> </ol>	<p><b>Evaluating air quality through air and dust measurements.</b></p> <p><b>Chair: Marie Coggins</b></p> <ol style="list-style-type: none"> <li><i>Integrating Exposure Science in IAQ Behaviour Change (BE-VENT study) – Hala Hassan</i></li> <li><i>Retrofitting for Improved Air Quality: Promoting Sustainable and Healthy Homes – Daniel Coen</i></li> <li><i>Health Risk Assessment of Nail Technicians in the Formal and Informal Sectors of Johannesburg, South Africa – Goitseman Keretsetse</i></li> <li><i>Indoor Dust as a Marker of Residential Metal Exposure: Evidence from a Nationwide Approach in Luxembourg – Matteo Creta</i></li> <li><i>Characterisation of the indoor chemical exposome through multiresidue analysis of house dust – Emilie Hardy</i></li> <li><i>Methodological Limitations in Airborne Micro- and Nanoplastic Measurement – Manosij Ghosh.</i></li> </ol>

11:30 – 12:00	Networking Coffee & Exhibition and Poster Viewing - Exhibit Hall		
Session 2	Large Auditorium	Hall B	Hall C
12:00 – 13:30	<p><b>Developing, Improving and Connecting Occupational Exposure Models: Towards the MEMORA-Toolbox</b></p> <p><b>Chair: Urs Schlüter</b></p> <ol style="list-style-type: none"> <li><i>The MEMORA Project Bundle and DermExpoDB - Urs Schlüter</i></li> <li><i>Innovative design of a tiered approach by ranking different workplace exposure models - Raffaella Wree</i></li> <li><i>Using Exploratory Pre-Analysis to Improve Dermal Exposure Model Development for Spray Applications at Workplaces – Janine Schwarz</i></li> <li><i>Development of a model for occupational oral exposure – Marlene Dietz</i></li> <li><i>Packaging, formulations and systems for exposure reduction to hazardous substances in the workplace – Bettina Büttner</i></li> <li><i>Modular Exposure Models for OSH Risk Assessment in Chemical Safety – Technical Implementation of the Exposure Toolbox - Carolin Dumke</i></li> </ol>	<p><b>Workplace exposure assessment and tools</b></p> <p><b>Chair: Celia Tanarro</b></p> <ol style="list-style-type: none"> <li><i>The Legionella Paradox: Consistent Science, Inconsistent Practice - Tom Laffey</i></li> <li><i>Determinants of asphalt fumes and potential control measures to reduce occupational exposure – Erik van Deurssen</i></li> <li><i>Exposure Monitoring Strategies in Complex Tunnelling Environments: Lessons from Australian Infrastructure Projects - Jessica Waller</i></li> <li><i>Heat stress – Can simplified assessment tools accurately predict risks? – David Vernez</i></li> <li><i>Heat stress – Influence of age and sex on the predicted strain – David Vernez.</i></li> <li><i>Bridging the silos: an integrated in silico screening tool for multi-source and multi-route exposure prioritization - Hasnaa Chettou.</i></li> </ol>	<p><b>Human Biomonitoring Working Group</b></p> <p><b>Chair: Maryam Zare Jeddi.</b></p> <p>Interactive session to discuss the work of the European working group on human biomonitoring, followed by Q&amp;A and discussions.</p> <p><b>Open to all.</b></p>
13:30 – 14:00	<p><b>OHSI celebrating 40th Anniversary - Session 'BreatheFreely Ireland' – Large Auditorium</b></p> <p><b>Open to all.</b></p>		
14:00 – 15:00	Lunch, Poster and Exhibitions		
15:00 – 15:15	<p><i>Keynote introduction – Large Auditorium</i></p> <p><b>Prof. Paul Scheepers</b> <i>President of ISES Europe</i></p>		

15:15 – 16:00	<b>Keynote – Large Auditorium</b> <b>Dr Radu Duca</b> <i>Exposure Science at the Heart of the European Green Deal: Protecting Citizens and Workers through Better Evidence</i>		
Session 3	Large Auditorium	Hall B	Hall C
16:00 – 17:00	<p style="text-align: center;"><b>Advancing towards integrative risk assessment with a focus on the application of human biomonitoring data.</b></p> <p style="text-align: center;"><b>Chair: Jacob van Klaveren</b></p> <ol style="list-style-type: none"> <li>1. Overview of results generated in the PARC task on "integrative exposure and risk assessment" - Amélie Crépet</li> <li>2. Harmonised integrative exposure and risk assessment workflows in the Monte Carlo Risk Assessment (MCRA) platform - Jasper Engel</li> <li>3. Ongoing case study for occupational exposure to mixtures using the MCRA software - Maria Torres Toda</li> <li>4. Integrating Human Biomonitoring in Occupational Exposure and Risk Assessment Frameworks – Maryam Zare Jeddi.</li> </ol>	<p style="text-align: center;"><b>Biomarkers and analytical methods</b></p> <p style="text-align: center;"><b>Chair: Sonja Wrobel</b></p> <ol style="list-style-type: none"> <li>1. Beyond cotinine: Implementing a comprehensive biomarker panel for nicotine product use monitoring in Europe – Nikola Pluym</li> <li>2. Characterising The Human Perinatal Chemical Exposome With Innovative Suspect and Non-Targeted Screening: Results from The PARC EU Interlaboratory Trial and Real-Case Study – Tarek Moufawad</li> <li>3. Extending our knowledge of the Human chemical exposome in the perinatal period via innovative global profiling approaches based on high resolution mass spectrometry applied to maternal milk – Corentin Huet</li> <li>4. Comprehensive PFAS Biomonitoring in Serum and Plasma Using a Validated LC-MS/MS Method - Maria-Mirela Ani</li> </ol>	<p style="text-align: center;"><b>Biological Agents Working Group.</b></p> <p style="text-align: center;"><b>Chair: Carla Viegas</b></p> <p style="text-align: center;">Interactive session to discuss the work of the European working group on biological agents, followed by Q&amp;A and discussions.</p> <p style="text-align: center;"><b>Open to all.</b></p>
Session 4	Large Auditorium	Hall B	Hall C
17:00 – 18:00	<b>Workplace Safety</b>	<b>Human biomonitoring population studies</b>	<b>Education, Training and Communication Working Group.</b>

	<p style="text-align: center;"><b>Chair Conor Buggy</b></p> <ol style="list-style-type: none"> <li><i>Is a cotton glove an appropriate dosimeter to measure hand exposure? – Absorption study data show increased systemic exposure compared to hand-washing. – Christiane Wiemann</i></li> <li><i>Contribution of dermal ethanol absorption during laboratory-controlled high-frequency use of alcohol-based hand rubs followed by glove use – Paul Scheepers</i></li> <li><i>A National Study Exploring Sustainable Employability Status among Healthcare Assistants and Carers in Ireland - Parnian Jalili</i></li> <li><i>Prevent the Incurable: Field-Based Insights into Occupational Noise Exposure Among Vehicle Mechanics in the Netherlands – Eveline de Waard.</i></li> </ol>	<p style="text-align: center;"><b>Chair: Sonja Wrobel</b></p> <ol style="list-style-type: none"> <li><i>Genetic polymorphisms impacting urinary metabolites of polycyclic aromatic hydrocarbons in Slovene children – Janko Stankic</i></li> <li><i>Human biomonitoring of exposure to UV filters – international comparison in children with low sunscreen use – Daniel Bury</i></li> <li><i>Human biomonitoring of the UV filters octocrylene, 2-ethylhexyl salicylate and homosalate in Australian pooled urine samples. - Katharina Ebert</i></li> <li><i>Analysis of mercapturic acids in biobanked urine samples – Tackling the data gap in human biomonitoring of VOCs in Europe – Nikola Pluym</i></li> </ol>	<p style="text-align: center;"><b>Chair: Dr Alison Connolly</b></p> <p>Interactive session to discuss the work of the European working group on education and training, followed by Q&amp;A and discussions.</p> <p style="text-align: center;"><b>Open to all.</b></p>
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# Conference Dinner

10th of June at Johnnie Fox's Pub

Tickets are limited and can be bought when registering online.



**An Unforgettable Night at the Peak of Dublin!**

We are thrilled to invite you to our official conference dinner at the legendary **Johnnie Fox's Pub**.

Perched in the Dublin Mountains, this world-renowned establishment is more than just a pub—it's a living piece of Irish history.

Experience the '**Hooley**' of a lifetime with a night dedicated to Ireland's rich cultural heritage, vibrant music, and world-class hospitality.

**What's Included in Your Ticket:**

- **Stress-Free Travel:** Round-trip transport between the workshop venue and Johnnie Fox's.
- **A Culinary Feast:** A full workshop dinner accompanied by fine wine.
- **The 'Old Ireland' Seisúin:** A high-energy performance featuring traditional Irish musicians and the world-famous Johnnie Fox's Irish Dancers.

**Reserve Your Spot**

Tickets are on sale now, but don't wait—space is strictly limited this year, and seats are available on a first-come, first-served basis. Secure your seat today to ensure you don't miss the highlight of our social calendar!

<https://www.ohireland.org/event-details/ohsi-ises-europe-workshop-2026>

A Special Thank You. This evening is made possible through the generous support of our sponsor, the Federal Institute for Occupational Safety and Health (BAuA). We are incredibly grateful for their contribution to our community.

**baua:**  
Federal Institute for Occupational  
Safety and Health

Conference Dinner – Bus leaving from UCD at 18:30

Day 2   [11th June 2026]			
8:30 - 9:00	Morning Coffee in Exhibit Hall		
9:00 – 09:15	Opening Address - Large Auditorium <b>Claire Farrell</b> OHSI President		
9:00 - 10:00	Opening Keynote – Large Auditorium <b>Dr Ian Marnane</b> <i>Healthy Environment, Healthy Lives - The Role of the Environment in Supporting Health and Wellbeing in Europe.</i>		
Session 5	Large Auditorium	Hall B	Hall C
10:00 – 11:00	<p><b>Human Exposure, Metabolism &amp; Biomonitoring of Neonicotinoid Insecticides.</b></p> <p><b>Chair: Daniel Bury</b></p> <ol style="list-style-type: none"> <li>1. Physiologically-based biokinetic (PBK) modelling of acetamiprid and glyphosate for reverse dosimetry – preliminary results from the SPRINT study – Paul Scheepers</li> <li>2. Exposure to imidacloprid following the use of flea treatments in occupational and home-use settings. - Darragh Doherty</li> <li>3. Neonicotinoid Exposure in Adults in Latvia: A Pilot Study - Lāsma Akūlova.</li> <li>4. Human metabolism and urinary excretion of the neonicotinoid insecticides Nitenpyram and Dinotefuran after oral uptake - Sonja A. Wrobel</li> </ol>	<p><b>Frameworks and advancements in Human Biomonitoring</b></p> <p><b>Chair: TBC</b></p> <ol style="list-style-type: none"> <li>1. FAIREHR: Building a FAIR and AI-Enhanced Registry to Accelerate Global Exposure Science and Human Biomonitoring – Maryam Zare Jeddi</li> <li>2. Advancing Pesticide Mixture Risk Assessment Using Human Biomonitoring Data from the European SPRINT Project – Hannah McKeon</li> <li>3. Are ski waxes a relevant source of PFAS exposure for the general population? - Natalie von Goetz</li> <li>4. Establishing National Human Biomonitoring Programme: Lessons and Insights from the Irish HBM4IRE Feasibility Study – Richa Singh</li> </ol>	<p><b>Exposure Modelling tools.</b></p> <p><b>Chair: Wouter Fransman</b></p> <ol style="list-style-type: none"> <li>1. Data collection initiatives of the crop protection industry – A mission to improve non-dietary risk assessment in Europe - Edgars Felkers</li> <li>2. Development of the WeldExpoBN – a Bayesian Network for predicting occupational exposure to welding and plasmacutting – Remy Franken</li> <li>3. Chesar Platform – the new tool for risk assessment of chemicals under REACH and BPR – Celia Tanarro Gozalo.</li> <li>4. Advancing Real-World Fragrance Exposure Assessment from Consumer Products: Recent Developments in the CREME RIFM Aggregate Exposure Model - Cesar Scrochi.</li> </ol>
11:00 – 11:30	Networking Coffee & Exhibition and Poster Viewing - Exhibit Hall		
Session 6	Large Auditorium	Hall B	Hall C

<p>11:30 – 13:00</p>	<p><b>Evaluating workplace hazards.</b></p> <p><b>Chair Shara Smith</b></p> <ol style="list-style-type: none"> <li>1. <i>Linking occupational PAH exposure to respiratory morbidity in Pakistan's oil depot workers using urinary 1-OHP biomarker - Audil Rashid</i></li> <li>2. <i>Actual and retrospective exposure assessment to ethylene oxide using air measurements and biological monitoring – Arné Oerlemans</i></li> <li>3. <i>Human biomonitoring determined exposure of gardeners and horticulturists to acetamiprid – Sewon Lee</i></li> <li>4. <i>Human Biomonitoring to quantify Occupational Exposure to N,N-Dimethylformamide (DMF): a scoping review – Muriel Voisin.</i></li> <li>5. <i>Air Monitoring Alone Underestimates Internal Exposure to Propylene Glycol Ethers in Workers - Integrating Human Toxicokinetic Knowledge – Nancy Hopf.</i></li> <li>6. <i>Safety &amp; Fire Risk Identification in the Emerging Lithium Battery Value Chain - Anna-Kaisa Viitanen</i></li> </ol>	<p><b>Data Interpretation and Methodologies.</b></p> <p><b>Chair: Urs Schlüter</b></p> <ol style="list-style-type: none"> <li>1. <i>Deriving reference values for use in occupational health – do we need an “occupationally non-exposed sample” or just solid population-representative data? - Aline Murawski</i></li> <li>2. <i>Increasing the impact of small biomonitoring samples – Jörg Rissler</i></li> <li>3. <i>Unveiling Practice Behind the Data: Bridging Epidemiological Insights with Real-World Occupational Hygiene Context – Erik van Deurssen</i></li> <li>4. <i>Development and Validation of the Swiss Job Exposure Matrix for Active Tobacco Smoking – Ezéchiél DJOHI</i></li> <li>5. <i>Health-based recommended occupational exposure limits for isoflurane and sevoflurane using experimental animal data based on a systematic review and dose-response analysis – Paul Scheepers</i></li> <li>6. <i>Impact of Revised Isocyanate OEL on Exposure Monitoring &amp; Risk Control Strategies – Gerard Mooney.</i></li> </ol>	<p><b>Policy Working Group</b></p> <p><b>Chair Jos Bessems</b></p> <p>Interactive session to discuss the work of the European working group on policy and regulation, followed by Q&amp;A and discussions.</p> <p><b>Open to all.</b></p>
<p>13:00 – 13:30</p>	<p><b>ISES Europe Session – Large Auditorium</b> <b>Open to all.</b></p>		
<p>13:00 – 14:30</p>	<p>Lunch, Poster and Exhibitions</p>		
<p>14:30 – 14:45</p>	<p><i>Keynote introduction – Large Auditorium</i> <b>TBC</b></p>		

14:45 – 15:30	<b>Keynote – Large Auditorium</b> <b><i>Dr Sibylle Ermler</i></b> <b><i>Chemical Mixtures and Human Health: Practical Approaches for More Realistic Exposure Assessment</i></b>		
Session 7	Large Auditorium	Hall B	Hall C
15:30 – 17:00	<p><b>How PARC Communication Contributes to Shape Chemical Risk Assessment and Policy</b></p> <p><b>Chair: Dora Rolo</b></p> <ol style="list-style-type: none"> <li>1. Advancing communication, collaboration and awareness within the European Partnership for the Assessment of Risks from Chemicals – Dora Rolo</li> <li>2. From Evidence to Impact: Communicating Science in a European Partnership - Roser Gasol</li> <li>3. Insights from Chemical Risk Communicators: Results of the PARC Pilot Survey – Urška Kolar</li> <li>4. Citizens' perceptions of chemical risks: Evidence from European focus groups – Osvaldo Santos</li> <li>5. Science-to-Policy in Action: Strengthening Regulatory Impact and Innovation in PARC – Maria Uhl</li> <li>6. Sustaining science-to-policy communication beyond PARC: National Hubs as enduring policy interfaces – Tamás Szigeti</li> </ol>	<p><b>Advancing Global Human Biomonitoring: Harmonisation, Capacity Building, and Policy Integration</b></p> <p><b>Chair: Maryam Zare Jeddi</b></p> <ol style="list-style-type: none"> <li>1. Applying the FAIR Principles to Personal Exposure and Health Data – Stijn Baken</li> <li>2. The paths towards strengthening chemical analytical Quality Assurance/Quality Control in HBM in Europe – Marta Esteban López</li> <li>3. The National Hospital Service for Environmental Medicine (SHNME) Luxembourg – An Van Nieuwenhuysse</li> <li>4. Global perspectives for harmonized mixture assessments via effect biomonitoring in occupational context - Robert Pasanen-Kase</li> <li>5. How to derive health-based biological guidance values when moving away from animal testing? New challenges for exposure science – Paul Scheepers</li> </ol>	<p><b>Exposure Models Working Group.</b></p> <p><b>Chair: Urs Schlüter</b></p> <p>Interactive session to discuss the work of the European working group on exposure models, followed by Q&amp;A and discussions.</p> <p><b>Open to all.</b></p>
17:00 – 17:30	Closing Ceremony and Awards		

## Poster Presentations

1. Long-Term Biomonitoring of PAH Exposure in Adults Living in Proximity to a Waste-to-Energy Plant - Riccardo De Santo.
2. First insights into the Estonian biomonitoring program - Ankita Ghosal.
3. Novel Technique to Measure Electromagnetic Radiations Absorption in Human Body by Using Diversity Antenna - Alam Muhammad Faiz.
4. Prenatal Exposure to PFAS and Impact on Immunity in Early Childhood - Maja Klimentić.
5. ShinyApp and R Package 'OHcomplianceStrategies': statistical tests to assess the compliance of occupational airborne exposures with standards EN689s and BOHS/NVvA guidance - Antonio d'Errico.
6. Arresting a self-perpetuating crisis of AMR: onsite purification and decontamination of hospital waste and wastewater using the onsite Pharmafilter system - Peter Kelly.
7. Development of exposure assessment approach for plant protection products (PPP) applied with drones - Edgars Felkers.
8. Mapping developments in biological exposure assessment for occupational hygiene in the agri-food sector and inhalation risk modelling: A scoping review - June Kim.
9. Integrating Classical Culture and Molecular qPCR for a Comprehensive Assessment of Fungal Exposure in Primary Schools: Preliminary Data - Renata Cervantes.
10. Comparative Assessment of Mycotoxin Contamination and Cytotoxic Potential in Indoor Environments: Grocery Stores and Fitness Centers in Portugal - Carla Viegas.
11. Measured vs. Modelled Exposure to Chromium Trioxide: A Case Study within REACH and OSH Frameworks - Carolina Zellino.
12. From interlaboratory alignment to worker exposure assessment: identifying chemical exposure signatures using Suspect and Non-Targeted Screening under a common SOP - Sophie Ndaw.
13. Short term exposure limits – Workflow for decisions in OSH - Katja Vossen.
14. From evidence to guidance: Is fish consumption advice adequate to protect from mercury exposure during pregnancy? - Lourdes Herraiz-Recuenco.
15. The PEH Data Platform: Enabling Harmonized, FAIR Personal Exposure and Health Data - Stijn Baken.
16. Short term exposure limits – Flowcharts as decision support - Dorothea Koppisch.
17. Analysis of fluorescent particles inside an office: comparison between occupied and unoccupied days - Alessio Carminati.
18. Hyperlocal Air Pollution and Pollen Monitoring in a Stadium: Links with Exercise-Induced Symptoms and Spirometry - Alessio Carminati.
19. Fungal Resistance and Public Health Implications – The Use of Wastewater Treatment Plant (WWTP) Sludge in Agriculture - Renata Cervantes.
20. A picture of health? Microorganisms in Portuguese colour photograph collections and related occupational environments - Pedro Pena.
21. Characterizing the human chemical exposure to contaminants of emerging concern with a combined targeted and non-targeted analytical workflow applied to hair: a real case study from the PARC EU project - Christoforos Freris.
22. Occupational Exposure to PFAS Among Firefighters: A Systematic Review - Joana Morais.
23. Audit and Analysis of Occupational Noise Risk Potential and Development of a Noise Audit Initiation Protocol and Supporting Toolkit - Sean Donoghue.

24. Urinary environmental phenols, phthalate and DINCH metabolites in Slovenian youth: human biomonitoring in a representative cohort - Žan Rekar.
25. Impact of Prenatal Exposure of Perfluoroundecanoic acid (PFUnDA) on Male and Female Newborns - Ondrej Adamovsky.
26. Environmental sustainability of hospital services: review of evidence and development of an algorithm for estimating carbon footprint - Osvaldo Santos.
27. Obesity Among Nurses, Implications for Nurses in Practice - Caoimhe Colgan.
28. EPOH – Promoting and Developing Occupational Hygiene at a European Level - Eoin Collins.
29. Linking Lifestyle and environmental exposure: Case studies from Latvian HBM participants with elevated biomarkers - Inese Martinsone.
30. From exposure assessment to policy needs: Unrecognized *Aspergillus* spp. hazards in poultry farming - Carla Viegas.
31. Comparative Evaluation of Non-Targeted Screening Workflows for Occupational Exposure: Results from a European Interlaboratory Study under PARC - Sophie Ndaw.
32. Integrating dietary risk assessment and human biomonitoring for population-level risk characterization: Copper exposure in Cyprus - Andromachi Katsonouri.
33. Current industrial challenges in substance exposure assessment for REACH registration; Key issues and potential solutions - Audric Mathuren.

## Keynotes Presentations



### OHSI & ISES EUROPE 2026 WORKSHOP



**Keynote Speaker**



## **Dr Tony Holohan**

**Director of the WHO Collaborating Centre on One Health, UCD and a Public Health Physician.**

### **ONE HEALTH FROM CONCEPT TO REALITY: GOVERNANCE FOR IMPLEMENTATION AND INTEGRATION**

DR TONY HOLOHAN IS DIRECTOR OF THE WHO COLLABORATING CENTRE ON ONE HEALTH, UCD, AND A PUBLIC HEALTH PHYSICIAN. HE SERVED AS IRELAND'S CHIEF MEDICAL OFFICER FROM 2008 TO 2022, LEADING NATIONAL RESPONSES TO H1N1 INFLUENZA AND COVID-19 AND SUPPORTING MAJOR PUBLIC HEALTH REFORMS. HIS CURRENT WORK FOCUSES ON ONE HEALTH IMPLEMENTATION ACROSS HUMAN, ANIMAL, PLANT AND ENVIRONMENTAL DOMAINS THROUGH POLICY, GOVERNANCE AND PRACTICAL COLLABORATION.

**Keynote Speaker**



**Dr. Radu Duca**

**Head of Department Health Protection,  
Health Directorate, Luxembourg**

**EXPOSURE SCIENCE AT THE HEART OF THE EUROPEAN GREEN DEAL:  
PROTECTING CITIZENS AND WORKERS THROUGH BETTER EVIDENCE**

DR RADU DUCA IS A PUBLIC HEALTH LEADER AND EUROPEAN REGISTERED TOXICOLOGIST WITH DUAL PHDS IN TOXICOLOGY AND CHEMISTRY, COMMITTED TO PROTECTING COMMUNITIES THROUGH SCIENCE-DRIVEN ACTION. HE CURRENTLY SERVES AS HEAD OF DEPARTMENT HEALTH PROTECTION AT THE LUXEMBOURG HEALTH DIRECTORATE, WHERE HE OVERSEES STRATEGIES ON ENVIRONMENTAL HEALTH, EXPOSURE-RELATED RISKS AND CBRN RISKS MITIGATION.

OVER MORE THAN 15 YEARS, DR DUCA HAS WORKED AT THE INTERFACE OF EXPOSURE SCIENCE, TOXICOLOGY AND POLICY. PREVIOUSLY, HE LED THE UNIT FOR ENVIRONMENTAL HYGIENE AND HUMAN BIOLOGICAL MONITORING AT THE NATIONAL HEALTH LABORATORY OF LUXEMBOURG, DEVELOPING NATIONAL SANITARY PROTECTION STRATEGIES AND LARGE-SCALE BIOMONITORING STUDIES OF PESTICIDES AND OTHER ORGANIC POLLUTANTS IN WORKERS, CHILDREN AND THE GENERAL POPULATION.

AT EUROPEAN LEVEL, HE HAS PLAYED KEY ROLES IN THE HBM4EU AND PARC INITIATIVES, CONTRIBUTING TO HARMONIZED HUMAN BIOMONITORING METHODS, REFERENCE VALUES AND GUIDANCE FOR USING BIOMARKER DATA IN RISK ASSESSMENT AND REGULATION. HE HAS ALSO HELPED SHAPE OECD GUIDANCE ON CHEMICAL EXPOSURE AND EFFECT BIOMARKERS. DR DUCA IS THE PRESIDENT-ELECT OF THE ISES EUROPEAN CHAPTER, WORKING TO STRENGTHEN THE ROLE OF EXPOSURE SCIENCE IN SUPPORTING EVIDENCE-BASED PUBLIC HEALTH AND CHEMICALS POLICY.



## OHSI & ISES EUROPE 2026 WORKSHOP



**Keynote Speaker**



**Dr. Ian Marnane**

**Head of Unit, Environment and Health,  
European Environment Agency**

**HEALTHY ENVIRONMENT, HEALTHY LIVES - THE ROLE OF THE ENVIRONMENT IN  
SUPPORTING HEALTH AND WELLBEING IN EUROPE.**

IAN MARNANE LEADS THE ENVIRONMENT AND HEALTH UNIT AT THE EUROPEAN ENVIRONMENT AGENCY IN COPENHAGEN, WHERE THE AREAS OF FOCUS INCLUDE DATA COLLECTION AND KNOWLEDGE DEVELOPMENT ON TOPICS INCLUDING AIR QUALITY, NOISE, CHEMICALS & ONE HEALTH AND ENVIRONMENTAL BURDEN OF DISEASE. HE HAS MORE THAN 20 YEARS OF EXPERIENCE IN ENVIRONMENT AND HEALTH, HAVING WORKED AS AN ENVIRONMENTAL CONSULTANT IN THE PRIVATE SECTOR, WITH THE ENVIRONMENTAL PROTECTION AGENCY IN IRELAND, AND NOW WITH THE EEA. IAN IS FROM DUBLIN AND IS A GRADUATE OF TRINITY COLLEGE.



## OHSI & ISES EUROPE 2026 WORKSHOP



**Keynote Speaker**



# Dr. Sibylle Ermler

Lecturer in Biosciences, Deputy Director of the Centre for Genome Engineering and Maintenance (cenGEM), College of Health, Medicine and Life Sciences, Brunel University of London

### CHEMICAL MIXTURES AND HUMAN HEALTH: PRACTICAL APPROACHES FOR MORE REALISTIC EXPOSURE ASSESSMENTS

SIBYLLE ERMILER IS A LECTURER IN THE DEPARTMENT OF BIOSCIENCES AND THE DEPUTY DIRECTOR OF THE CENTRE FOR GENOME ENGINEERING AND MAINTENANCE (CENGEM) AT BRUNEL UNIVERSITY OF LONDON, UK. DR ERMILER HAS ALMOST 20 YEARS OF EXPERIENCE IN MIXTURE TOXICOLOGY WITH A FOCUS ON COMBINATION EFFECTS OF ENDOCRINE DISRUPTING CHEMICALS. HER RESEARCH IS ALSO LOOKING INTO HOW COMBINED EXPOSURES TO CHEMICALS AND OTHER AGENTS SUCH AS RADIATION AND LIFESTYLE FACTORS CAN EXERT NEGATIVE HEALTH EFFECTS. BEING INTERESTED IN HOW MIXTURE TOXICOLOGY CAN BE TRANSLATED INTO POLICY, SHE HAS ALSO EXPERIENCE IN MIXTURE RISK ASSESSMENT FOR HUMAN AND ECOLOGICAL HEALTH, INCLUDING FINDING PRAGMATIC APPROACHES FOR THE ASSESSMENT OF EXPOSURE TO CHEMICAL MIXTURES. SHE HAS CONTRIBUTED TO SEVERAL MIXTURE RISK ASSESSMENT CASE STUDIES WITHIN EUROPEAN PROJECTS, INCLUDING HBM4EU.



## Further Information

### Organisational Information

OHSI & ISES Europe Workshop 2026

- Joint workshop by the Occupational Hygiene Society of Ireland (OHSI) and the European Chapter of the International Society of Exposure Science (ISES Europe).

### Dates

Wednesday, 10th June – Thursday, 11th June 2026.

- Schedule Highlights: \* 9th June: Pre-workshop social event (6:00 PM – 8:00 PM).
- 10th June: Registration begins at 8:00 AM; Conference Dinner at 7:00 PM.
- 11th June: Full-day sessions concluding at 5:00 PM.

### Venue

Location: O'Reilly Hall, University College Dublin (UCD).

Address: University College, Belfield, Dublin 4, Ireland.

### Directions

Getting to UCD: Located in Belfield, South Dublin. Detailed information regarding travel to and around Dublin can be found via the official [Visit Dublin](#) resources or the [UCD Commuting Guide](#).  
On Campus: The event is hosted at O'Reilly Hall, which is centrally located on the Belfield campus.

### Registration

Standard Delegate Rates:

- OHSI/ISES Europe Member: €320 (Early Bird) / €420 (Standard)
- Non-Member: €400 (Early Bird) / €500 (Standard)
- Full-Time Student: €180 (Early Bird) / €300 (Standard)

Early Bird Deadline: 10<sup>th</sup> April 2026.

- Inclusions: Access to both days, oral and poster sessions, exhibition area, conference materials, and catering (lunches and coffee breaks).

Conference Dinner: €55 (Wednesday, 10th June).

### Accommodation

Attendees are advised to book accommodation in Dublin 4 or along the main bus routes to the Belfield campus. Further information on local hotels and booking links can be found on the [official workshop event page](#).

### Contact Information

Conference Queries: [OHSIconference@gmail.com](mailto:OHSIconference@gmail.com)