

One Health & Exposome Day

February 5, 2025

Conference room, Institut de science et d'ingénierie supramoléculaires | ISIS
8 allée Gaspard Monge - 67083 Strasbourg, Esplanade campus



Scope

The foundational basis for One Health can be found throughout human history in which the broadest definition describes humanity in delicate balance with nature and all aspects of our global environment. The concept incorporates humans, domestic animals, wildlife, ecosystems, and physical components of the global environment. The most recent usage of One Health has been in the context of disease transmission from wildlife to humans though it continues to broaden to encompass more aspects of the environment. The Exposome concept emerged more recently and at its core recognizes the effects of environmental exposures on an individual human's health. It initially focused on environmental chemicals from a variety of sources, such as food and pollutants, and now also incorporates social and cultural environmental factors. This conceptual framework can be applied at any point in an individual's lifetime. The One Health and Exposome conceptual frameworks have been successfully utilized worldwide to address local, regional, and national issues. It considers relatively high-level interactions and interrelationships among human, domestic animal, and wildlife populations that affect the health of all. Furthermore, the health and sustainability of ecosystems depend on these interactions and the health of all components.

Free access, registration required:

<https://framaforms.org/one-health-exposome-day-1733729685>

9h	Opening
9h10	<p>Jean Sibilia, Hôpitaux universitaires de Strasbourg, Faculté de médecine; Erik Sauleau, ICube; Dimitri Heintz, IPHC, CNRS</p> <p>Towards an Alsatian One Health Institute including "Exposome Alsace". Why? How?</p>
9h30	<p>Gary Miller, Columbia Mailman School of Public Health</p> <p>The Exposome</p>
10h30	Coffee break
11h	<p>Michel Samson, Irset, France Exposome</p> <p>Presentation of the "France Exposome" national research infrastructure</p>
11h30	<p>Emma Schymanski, Luxembourg Centre for Systems Biomedicine</p> <p>Discovering Relevant Chemicals in Health and Disease with Open Cheminformatics Approaches</p>
12h	Lunch
13h30	<p>Mathilde Tissier, IPHC, CNRS</p> <p>Biodiversity is rooting for One Health</p>
14h	<p>Alain Stintzi, University of Ottawa</p> <p>Exploring the Connections Between Inflammatory Bowel Disease (IBD) and the Exposome</p>
14h30	Coffee break
15h	<p>Frédéric Blanc, Hôpitaux universitaires de Strasbourg</p> <p>The link between environmental exposure and dementia</p>
15h30	<p>Sylvie Massemin, IPHC, CNRS</p> <p>Federating Sustainability Research and Training: OneHealth and EcoHealth at Strasbourg's Core</p>
16h	<p>Round table discussion</p>
17h	Closing