

We are pleased to invite you to take part  
in the S&T Course Event 8

## “New tools in the assessment of neurotoxicity and developmental neurotoxicity”

Organized by Università degli Studi di Milano (UMIL)

**January 24-26, 2023**

Neurodevelopment is the set of events that lead to the structural and functional growth and maturation of the nervous system. In humans, this is a delicate and complex process with specific time windows, called critical period, during which the system is more susceptible to the exposure to various factors, such as toxicants or stressful events. In these periods, alterations in the process that bring to a complete maturation of the nervous system can lead to dysfunctions, possibly causing changes in the brain and behavior.

It is very important not only to understand the developmental mechanisms of the nervous system, but also to find new tools to model the brain circuits to study how synaptic connections could adapt and react to toxic external stimuli.

With the contribution of experts in the field, the **purpose of this workshop** is to provide knowledge on **new alternative methods** useful to assess **developmental neurotoxicity**. The course will also focus on the possibility to perform **adverse outcome pathways (AOPs)** in neurotoxicity and new approach methodologies.

For registrations:

<https://forms.monday.com/forms/e0bd9e641c52e2f69161a1f22e780351?r=euc1>



**SAVE THE DATE!**

Online Course: **January 24–26, 2023**  
Submission due: **December 20<sup>th</sup>, 2022**

**For additional information:**

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