



WG3 WG4 Workshop "Omics technologies as a new tool in ecotoxicology "

26/03/2024

online

Workshop of the COST Action CA21111 One Health drugs against parasitic vector borne diseases in Europe and beyond OneHealthdrugs

The event is open to PhD, young innovators and senior scientists from both academia and pharma

Description

In the development of new active substances, consideration of possible effects on non-target organisms is becoming increasingly important. Assessment of environmental effects is still in its infancy in drug development. Here, the One Health approach often still falls short, as environmental health is an integral part of this concept, in addition to animal and human health. Efficient, innovative but also standardizable test methods and assays are needed to assess the behavior and effects of active ingredients released into the natural environment. This joint workshop of WG3 and WG4 will provide a platform to present and discuss the application of the "omics" approach in ecotoxicological testing.

Programme

15:00 to 15:45 Sebastian Eilebrecht "OMICs fingerprints in model organisms for environmental hazard prediction of substances"

15:45 to 16:15 Xiaojing Li "Precision Environmental Health - Identifying Hazardous chemicals within Environmental Mixtures"

16:00 to 17:00 Lorenzo Tagliazucchi "Leveraging proteomics, bioinformatics, and ecotoxicology models to select new targets overcoming *L infantum* drug resistance"

general discussion and closure

You are invited to **submit your abstract by the 22/03/2024** at the following address:

onehealthdrugs.events@gmail.com, abstract template and information at

<https://onehealthdrugs.com/events/scientific-meeting/>

The event Organizers reserve the right to select 5 abstracts in case the number of abstracts submitted largely exceed the time available.

- The event registration requires two steps : 1) create an e-COST account in the www.cost.eu and 2) register here: Concerning the non-Action-participants registration to the event, they can register here: <https://docs.google.com/forms/d/e/1FAIpQLSdaE4hIq8W1HRoKC837LN9utTvoFJmuTek2NHSZ-AnwXDTu2A/viewform?usp=sharing>