



## Novel leads and drugs for vector borne diseases: Targets and off targets (toxicity and ecotoxicity) and mechanism of action

September 19-20 2024

National Hellenic Research Foundation

Athens, Greece

**WG1/WG2/HG7 Thematic 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

We are excited to announce the international workshop “Novel leads and drugs for vector borne diseases: Targets and off targets (toxicity and ecotoxicity) and mechanism of action” organized in the context of the COST ACTION 2111-OneHealthdrugs – “One Health drugs against parasitic vector borne diseases in Europe and beyond” (<https://onehealthdrugs.com/>). The COST Action network aims to coordinate the discovery of drugs that stop vector-borne infections in both human and veterinary settings according to the principles of the optimal profile for these organisms, increasing quality and reducing environmental impact.

The workshop is jointly organized by WG1 “Compound libraries coordination and integration of compound design”, WG2 “Integration of early phase studies and low environmental impact actions”, and HG7 “Drug chemistry advancements in biodegradability including prediction” of the COST Action CA21111 OneHealthDrugs.

The workshop seeks to provide up to date information and integration strategy on sustainable drug discovery for vector borne diseases (VBDs). Special emphasis will also be given to new targets for VBDs and methods to study their engagement as well as on biodegradability and toxicity aspects pinpointing the effect on the environment. This collaborative event will provide a platform for scientists, academics, and industry professionals to share insights, methodologies, and advancements in the pursuit of environmentally conscious antiparasitic drug discovery.

We look forward to your participation and the submission of your abstract and we are delighted to welcome you in Athens to this intellectually rewarding meeting.

With warm regards,

**The Scientific Committee,**

Theodora Calogeropoulou (National Hellenic Research Foundation); Ulrike Wittig (Heidelberg Institute for Theoretical Studies); Sandra Gemma (University of Siena); Maria Paola Costi (University of Modena and Reggio Emilia); Anabela Cordeiro da Silva (University of Porto &i3S)

## ○ DATES

Thursday, September 19 (9 am – 7 pm)

Friday, September 20 (9 am – 5 pm)

## ○ TOPICS

*Targets for vector borne diseases*

*Mechanism of action of new drugs for vector borne diseases*

*Imaging and target engagement studies*

*Novel leads and drugs for vector borne diseases*

*Toxicity, ecotoxicity and biodegradability of drugs for vector borne diseases*

## ○ VENUE

NATIONAL HELLENIC RESEARCH FOUNDATION

48 VASSILEOS CONSTANTINOPOULOS AVENUE

11635, ATHENS, GREECE

([www.eie.gr](http://www.eie.gr))

## ○ REGISTRATION

REGISTER HERE:

<https://docs.google.com/forms/d/e/1FAIpQLSfIZJMFa4m6QXa5B9ZxXCZp8doOurXLk2pJh71SK9rPziJaHw/viewform?usp=sharing>

***NO REGISTRATION FEES. DEADLINE 5 AUGUST 2024.***

## ○ ABSTRACT SUBMISSION

***PLEASE USE THE ATTACHED TEMPLATE TO PREPARE YOUR ABSTRACT (MAX ONE PAGE)***

***THEN PLEASE EMAIL YOUR COMPLETED ABSTRACT TO: [athens2024ohd@eie.gr](mailto:athens2024ohd@eie.gr)***

***Please indicate oral or poster. DEADLINE 5 AUGUST 2024***