

UPDATES - HG4

YOUNG RESEARCHER INNOVATORS



Action Chair	Maria Paola Costi	Period
Vice Action Chair	Anabela Cordeiro Da Silva	August - September 2023
Edited by	Elisa Uliassi HG4 leader	

NEXT ACTIVITIES

YRI award for the participation to a conference

- MC approval
- Implementation of OneHealthDrugs COST Action grant

Educational video of OneHealthDrugs

- **[CALL FOR VOLUNTEERS to make a VIDEO to be uploaded on YouTube and/or JOve](#)**

Next appointment

- **[YRI MEETING ON NOVEMBER 2023 \(see doodle\)](#)**

NEXT WORKSHOPS & TRAINING SCHOOL

- **WG3 - Workshop** (online): *Animal models for lead selection against vector borne parasitic diseases within the One Health concept*, **8 September 2023** (see [website](#))
- **WG4-Workshop 2** (in presence): *Biomarkers, screening, standardized and non-standardized ecotoxicological testing in One Health drug discovery and development*, **20-21 September 2023** Giessen (DE) (see [website](#)). **Deadline for abstracts is extended to 3rd of September.**
- **2nd Training School** (3 days school in presence): *Tools and strategies for hit and lead optimization in the One Health perspective*, **27-29 September 2023** Siena (IT) (see <https://onehealthdrugs.com/events/training-schools/medchem-and-structural-biology/>)

- **WG1-Workshop 2** (online): *Chemoinformatic Tools, Compound Databases and Data Management Platforms*, **9 October 2023 - 2pm-4pm** (see <https://onehealthdrugs.com/events/scientific-meeting/chemoinformatic-tools-compound-databases-and-data-management-platforms/>)

To request a certificate of participation to the event, please send an email to onehealthdrugs.events@gmail.com.

UPDATES on PAST EVENTS

- **1st Training School:** *Drug discovery against parasitic vector borne diseases in-vitro assays development and screening in drug discovery* held on 8-10 May 2023 at the Fraunhofer Institute ITMP (Hamburg, DE). This 3 days school with an intensive program was organized in presence by Dr Sheraz Gul, where 14 participants have attended and several lectures and lab activities were performed. See <https://onehealthdrugs.com>
- Participation of several YRI to the workshops and WG meetings organized within OneHealthDrugs. See <https://onehealthdrugs.com>

UPDATES on STSMs

Activity	YRI and home institution	Professor and host institution	Status
Sustainable biocatalytic derivatization of antiparasitic natural lipids and cashew nut-shell liquid (CNSL) derivatives using unspecific peroxygenase (UPOs) enzymes	<u>Bianca Martinengo</u> , University of Bologna (IT)	Prof. Daniele Castagnolo, Department of Chemistry, University College London (UK)	COMPLETED
Ecotoxicological evaluation of a novel anti-trypanosomal compound	<u>Kayhan Ilbeigi</u> , University of Antwerp (BE)	Prof. Mirco Bundschuh, University of Koblenz-Landau (DE)	COMPLETED
Design, Synthesis and Biological Evaluation of Antileishmanial Azaheterocyclic Compounds as Inhibitors of the Parasitic Exokinase CK1 (casein kinase 1)	<u>Gülşah Bayraktar</u> , Ege University Turkey (TR)	Prof. Pascal Marchand, IICiMed of Nantes University (FR)	ARCHIVED
ADMET studies on novel thiazolidinone derivatives with	<u>Sara Luelmo Moya</u> , Institute for Research and	Prof. Theodora Calogeropoulou, Institute of Chemical Biology at the National	ON GOING

<p>ADMET studies on novel thiazolidinone derivatives with promising in vitro anti-Leishmanial activity</p>	<p><u>Sara Luelmo Moya</u>, Institute for Research and Innovation in Health (I3S) (PT)</p>	<p>Prof. Theodora Calogeropoulou, Institute of Chemical Biology at the National Hellenic Research Foundation (GR)</p>	<p>ON GOING</p>
<p>Activity-based Protein Profiling to investigate the interactome of the antimalarial early lead Plasmodione</p>	<p><u>Vittoria Monaco</u>, University of Naples "Federico II" (IT)</p>	<p>Prof. Elisabeth Davioud-Charvet, Laboratoire d'Innovation Moléculaire et Applications (LIMA) (FR)</p>	<p>ON GOING</p>



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