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Januray 29<sup>th</sup>, 2024

Dear ,

We are thrilled to launch a new chapter in our communication journey with the inaugural edition of the **OneHealthdrugs Newsletters!** This dynamic platform aims to keep you informed and engaged with the latest news and updates, initiatives and events, breakthroughs, and collaborative efforts within our COST Action and beyond.

As we embark on this exciting venture, we invite you to explore the wealth of knowledge, opportunities, and inspiring stories that lie ahead. Our journey toward a healthier future starts here!

Warm regards,  
the OneHealthDrugs Team

The graphic features a dark blue background with a central yellow circle containing a mosquito. Surrounding the mosquito are four circular icons: a water drop, a hand holding a globe, a bandage, and a hand holding a globe. The text 'World Neglected Tropical Diseases Day' is written in large white letters on the left. A yellow box with '30 JAN' is positioned above the mosquito. The OHD logo is in the top right corner. Below the main title, there is a paragraph of text.

**Uniting Forces in the Fight Against Neglected Tropical Diseases: Commemorating NTD Day**

**World Neglected Tropical Diseases Day**

**30 JAN**

**OHD**  
ONE HEALTH DRUGS

World Neglected Tropical Diseases Day (NTDs) is a global healthcare event celebrated on 30th January every year since 2021 with the goal of celebrating achievements made toward control of the World Neglected Tropical Diseases and encouraging everyone to join the growing movement in eradicating and eliminating Neglected Tropical Diseases.

## OHD Unites Forces in the Fight Against Neglected Tropical Diseases: Commemorating NTD Day Exploitation Interest Survey

by Maria-Paola Costi, Action Chair

Dear All,

on the occasion of the **Neglected Tropical Diseases Day, 30 January 2024**, we, as OHD, want to express our support with those people affected by the diseases and all those who are fighting to solve these worldwide problems.

In synergy with the [WHO initiative](#), and [#WorldNTDDay](#) and together with the Core group members, we would like to distribute the enclosed letter. It will be distributed through the below reported way

- on our website,
- distribute it in LinkedIn and Twitter,
- send to all Action member
- and, if, possible WHO and COST
- our own Institutions
- other you may propose and do yourself and **you can distribute around**



I want to propose to All of You a **lightening up initiative: on the 30th January we light up our labs/floor (if possible), between 2-6 pm Italian time for 15 minutes**. take a picture from the outside and send to [theo@greek-scientists-society.org](mailto:theo@greek-scientists-society.org) and cc me

We will prepare a video for our YouTube channel.

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I want to thank Alfonso for writing this inspirational letter and all of you for your collaboration.

Paola

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by Alfonso T. Garcia-Sosa, WGL 5 Promote dissemination

Dear Colleagues and Partners in Global Health,

On this **Neglected Tropical Diseases Day, January 30th**, we, a network of scientists dedicated to the advancement of one-health drugs, join the global community in shining a light on diseases that disproportionately affect the most vulnerable populations in our world.

Recent Advances in One Health Drugs

Our concerted efforts in the realm of One Health – an integrative approach that recognizes the interconnectedness of human, animal, and environmental health – have led to significant strides in raising consciousness and combating NTDs. Recent breakthroughs in drug development and delivery systems demonstrate the potential of one-health drugs to provide more effective, sustainable, and accessible treatments for these diseases, as well as their interaction through sourcing, synthesis, localization, ecotoxicology, and resource planning.

The Imperative of Interdisciplinary Collaboration

The battle against NTDs is not one that can be fought in isolation. It

requires a united front, bringing together experts from virology, parasitology, pharmacology, chemistry, public health, and beyond. Our network exemplifies this collaborative spirit, and we encourage continued and expanded partnerships across disciplines and borders.

#### Call to Action

As we commemorate this day, let us renew our commitment to eradicating NTDs. We urge the scientific community, policymakers, healthcare providers, and all stakeholders to join us in this critical mission. Together, we can make a tangible difference in the lives of those affected by these diseases and move closer to a world where no one is neglected.

In Solidarity,

#OneHealthdrugs (OHD) CA21111 One Health drugs against parasitic vector borne diseases in Europe and beyond



## Launching the OHD CA21111 initiative on Women in STEM

11 February 2024

by Chiara Borsari, Science and Communication Leader

Dear all,

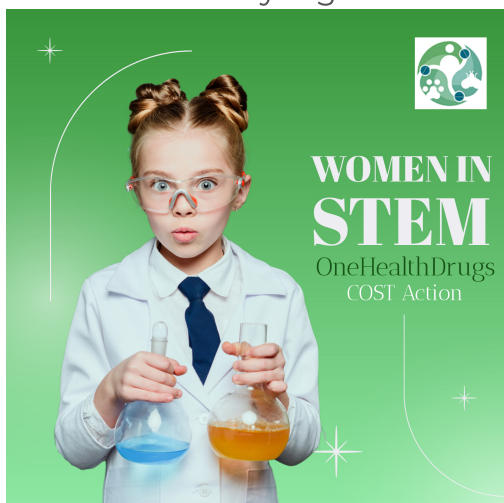
I'd like to invite you to contribute to an initiative we are organizing to celebrate the **Women in Science Day (Feb. 11th)**. The OneHealthDrugs COST Action opens a call for contribution to the "**OHD Interviews**". The goal of the OHD Interviews is to showcase the contribution of female scientists within our network and to inspire the next generation of scientists.



If you are willing to take part to this initiative, please send your interview to Theo Zacharis [theo@greek-scientists-society.org](mailto:theo@greek-scientists-society.org) (cc [chiara.borsari@unimi.it](mailto:chiara.borsari@unimi.it)) by Feb. 2nd. The interviews will be promoted on social media and on the OHD website to give visibility to our COST participants.

In addition, we would like to create a video. If you would like to take part to that, please record 20-30 sec video of yourself answering the following question: "I'm name surname, a XX (parasitologist, chemist, pharmacologist...) and I work in the field of XX. I believe the contribution of women in science is essential because...". We are looking forward to receiving your interviews and videos.

Click on the image below to find some information in OHD YouTube video. In case you have any issue in preparing the video, you can get in touch with Theo at [theo@greek-scientists-society.org](mailto:theo@greek-scientists-society.org)



To ensure your videos meet YouTube specifications, follow these instructions for preparing videos in MP4 format with a 16:9 aspect ratio. First, set your video resolution to 1920x1080 pixels for optimal quality. Use a video editing software to edit and export your footage in the H.264 codec for video compression.

Keep the video frame rate at 24, 30, or 60 frames per second for smooth playback. Double-check that your audio is in stereo format and encoded in AAC with a sample rate of 48kHz.

Creating YouTube-ready videos in MP4 format with a 16:9 aspect ratio can be done using various tools on both desktop and mobile devices. On desktops, consider using video editing software like Adobe Premiere Pro, Final Cut Pro, or even free options like Shotcut or DaVinci Resolve.

## OHD February events

This is the **STSM 4th call**

**Opening: Feb 1<sup>st</sup> 2024**

**Deadline: March 15<sup>th</sup> 24**

This is the second and final STSM call.

*More events below*

Mark your calendars and join us on the following events:

- WG4 meeting 8<sup>th</sup> of February '24 14:00-15:00 pm CET (VIRTUAL) organizer Rolf Alexander During
- WG5 meeting 9<sup>th</sup> February '24 2-3 pm CET (VIRTUAL) organizer Alfonso T. Garcia-Sosa
- WG2 meeting 9<sup>th</sup> February '24 15:00-16:00 pm CET (VIRTUAL) organizer Theodora Calogeropoulou
- HG3 Training school meeting 13/02/2024 11:00-13:00 (VIRTUAL) organizer Sheraz Gul
- 6<sup>th</sup> MC meeting 20th February 2024 14:30-17:30 (VIRTUAL)



Friendly reminder:

Please fill the First Exploitation Interest survey

by Maria-Paola Costi, Action Chair

Dear OneHealthdrugs Members,

As we strive to streamline our efforts and achieve key milestones, we extend a friendly reminder to participate in our ongoing survey. At the heart of our endeavors lies the development of the **OHD Compound Database**, an essential aspect outlined in our MOU. The OHD Compound Database (OHD-DB) is designed to cultivate collaborations within the OHD CA21111 and beyond.

Your insights are instrumental in realizing our exploitation aims:

- Expand Our Compound Arsenal by contributing to the coordinated screening of compounds, to drive innovation in anti-parasitic drug

discovery.

- Enhance One Health Impact by sharing your perspectives to enrich data on compound design and screening, advancing considerations for One Health Drugs impact

The second major reason to participate in this survey, is to list your interest on EU-funding Programmes. I hope you may successfully start grant applications, build consortia also including our participants.

Please note that we will **dedicate a meeting** about this, upon requests, to help in case of interest. Do not hesitate to contact your Colleagues and discuss your next project.

To favor and trigger a grant application action within OHD, it will be very useful the filling of the [survey](#) to support our activity to interconnect our network members!

Your participation in the survey is invaluable and directly contributes to the success of these initiatives. Please click on image above or click this [link](#).

Paola

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## Grant applications

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We invite you to explore the list of possible applications and organize your collaboration with our consortium participants but also outside of it.

### 1. **HORIZON EUROPE - OHD contact: Anabela Cordeiro**

The Horizon Europe Global Health EDCTP3 Joint Undertaking has published its [work programme 2024](#). Calls will open on 18th January with deadline for the first stage on the 4th of April. The call for proposals HORIZON-JU-GH-EDCTP3-2024-01-two-stage covers [six topics](#) for Research and Innovation Actions (RIA). Topics include HIV therapeutics, research on Malaria vaccines, Neglected Tropical Diseases, antimicrobial resistance, vector control, and digital health solutions:

- **HORIZON-JU-GH-EDCTP3-2024-01-02-two-stage:** Research on existing Malaria vaccines and development of new promising candidates

*Expected EU contribution per project:* EUR 15 million

*Indicative budget for the topic:* EUR 30 million.

*Type of Action:* RIA (Research and Innovation Action)

- **HORIZON-JU-GH-EDCTP3-2024-01-03-two-stage:** Accelerating development and integration of therapeutics against Neglected Tropical Diseases (NTDs) in sub-Saharan Africa

*Expected EU contribution per project:* EUR 5 million

*Indicative budget for the topic:* EUR 22 million.

*Type of Action:* RIA (Research and Innovation Action)

- **HORIZON-JU-GH-EDCTP3-2024-01-05-two-stage:** New tools, technologies and approaches for vector control in sub-Saharan Africa

*Expected EU contribution per project:* EUR 6.14 million

*Indicative budget for the topic:* EUR 18.432 million.

*Type of Action:* RIA (Research and Innovation Action)

- **HORIZON-JU-GH-EDCTP3-2024-01-06-two-stage:** Innovative digital health solutions for sub-Saharan Africa

*Expected EU contribution per project:* EUR 5 million

*Indicative budget for the topic:* EUR 20 million.

*Type of Action:* RIA (Research and Innovation Action)

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Interested in **Innovative Training Networks?**

**OHD contact: Theodora Calogeropoulou**

ITN supports competitively selected joint research training and/or doctoral programmes, implemented by partnerships of universities, research institutions, research infrastructures, businesses, SMEs, and other socio-economic actors from different countries across Europe and beyond.

Partnerships take the form of collaborative European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD).

More at [https://cordis.europa.eu/programme/id/H2020\\_MSCA-ITN-2020](https://cordis.europa.eu/programme/id/H2020_MSCA-ITN-2020)

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## Weave

Weave is a **bottom-up cross-European initiative** developed by European research funders – and embedded in Science Europe – to support excellent European collaborative research projects across national and regional borders.

Based on the **Lead Agency Principle**, Weave aims to simplify the submission and selection procedure of collaborative project proposals: a European team of **researchers from two to three European countries or regions** that have signed the Weave initiative, submits their joint project proposal to only one research funder (Lead Agency) who is responsible for the entire administrative procedure and scientific evaluation.

Each research funder involved is as such responsible for the payment of its own researchers (i.e. researchers eligible for funding from this research funder). Since Weave will enable **bilateral as well as trilateral scientific cooperation within Europe**, it will contribute to the **realisation of the European Research Area (ERA)**.

- [Belgium \(FWO\)](#).
- [Belgium \(FNRS\)](#).
- [Sweden \(Formas\)](#).
- [Germany \(DFG\)](#).



- [Luxembourg \(FNR\)](#).
  - [Switzerland \(SNSF\)](#).
  - [Austria \(FWF\)](#).
  - [Slovenia \(ARRS\)](#).
  - [Poland \(NCN\)](#).
  - [Czech Republic \(GACR\)](#).
  - [Croatia \(HRZZ\)](#).
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## Open calls for proposals under Horizon Europe Cluster 1 'Health'.

Under destination 3 "**Tackling diseases and reducing disease burden**" the calls address pandemic preparedness and response:

- [HORIZON-HLTH-2024-DISEASE-08-20 \(RIA\)](#) Pandemic preparedness and response: Host-pathogen interactions of infectious diseases with epidemic potential
- [HORIZON-HLTH-2024-DISEASE-08-12 \(CSA\)](#) Pandemic preparedness and response: Maintaining the European partnership for pandemic preparedness

Under destination 5 "**Unlocking the full potential of new tools, technologies and digital solutions for a healthy society**" the call focuses on bio-printing of living cells for regenerative medicine:

- [HORIZON-HLTH-2024-TOOL-11-02 \(RIA\)](#) Bio-printing of living cells for regenerative medicine

Under destination 6 "**Maintaining an innovative, sustainable and globally competitive health industry**" the calls focus on fostering innovation in the health industry:

- [HORIZON-HLTH-2024-IND-06-08 \(RIA\)](#) Developing EU methodological frameworks for clinical/performance evaluation and post-market clinical/performance follow-up of medical devices and in vitro diagnostic medical devices (IVDs)
- [HORIZON-HLTH-2024-IND-06-09 \(CSA\)](#) Gaining experience and confidence in New Approach Methodologies (NAM) for regulatory safety and efficacy testing – coordinated training and experience exchange for regulators

The deadline to apply to these calls is on **11 April 2024, 17:00 CEST**.

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and a second reminder from **Maria-Paola Costi**

### OHD report to fill

Please remember to fill the OHD report, please find here the [link](#)

Thank you for your commitment to shaping the future of OneHealthdrugs.



## Connect, Collaborate, Catalyze: Join the OneHealthdrugs LinkedIn Group!

by Theo Zacharis, Virtual Networking Support (VNS) / Strategic Collaboration Liaison

Dear OneHealthdrugs Members,

Elevate your involvement and expand your network by joining our newly established [OneHealthdrugs LinkedIn group](#)!

We encourage you to launch new discussions and polls of your interest, post relevant articles, job and fellowship placements, upload papers, and share blogs as well as commenting on existing posts.

Engage in insightful discussions, stay updated on the latest industry trends, and seize unique collaboration opportunities. As a member, you'll be at the forefront of shaping the future of OneHealthdrugs.

We would appreciate after joining us it if you invited your colleagues and peers into our Community.

Don't miss out on this valuable platform to connect with like-minded professionals and amplify your impact in the realm of parasitic vector-borne diseases.

Join us on LinkedIn today—**where innovation meets collaboration!**

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Join our LinkedIn group here

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## Give us your valuable feedback

We will be pleased to answer any questions you may have or consider suggestions for improving our Community.

Please email us at [onehealthdrugs.events@gmail.com](mailto:onehealthdrugs.events@gmail.com)

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Contact us if you have any questions,  
suggestions or you wish to share your news



CA21111 - One Health drugs against parasitic vector borne diseases in Europe and beyond (OneHealthdrugs)

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