



Integration of green and greener actions into medicinal chemistry programs

23/03/2026 (14:30-16:30 CET)

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.

The workshop, titled

“Integration of Green and Greener Actions into Medicinal Chemistry Programmes,”

will bring together innovative perspectives across four carefully curated sessions:

1. **Green Frontiers in Medicinal Chemistry**
Exploring how sustainable strategies are redefining drug discovery and development.
2. **From Molecule to Medicine: Property Prediction in Action**
Translating molecular insights into real therapeutic potential.
3. **One Health: Bridging Medicine, Animals, and Environment**
Addressing health challenges through a truly interconnected, holistic approach.
4. **From Omics Data to Drug Breakthroughs**
Turning complex biological data into next-generation medicines.

Programme

14:30 to 14:35 Introduction by the Chair

14:35 to 14:55 Rethinking Antiparasitic Drug Discovery: From Ribosomal Models to Repurposed Medicines, **Biljana Arsić**, Faculty of Sciences and Mathematics, University of Niš, Niš, Republic of Serbia

15:00 to 15:20 Integrating Green Chemistry Principles in the Synthesis of Bioactive Chalcones, **Sandra Gemma**, Department of Biotechnology, Chemistry and Pharmacy, University of Siena, Siena, Italy

15:25 to 15:45 One Health science and technology in the development of safer antiparasitic drugs - **Maria Paola Costi**, University of Modena and Reggio Emilia, Modena, Italy

15:50 to 16:10 Design, synthesis and evaluation of antiparasitic activity of new heterocyclic phosphomimetic derivatives. **Theodora Calogeropoulou**, Institute of Chemical Biology, National Hellenic Research Foundation, Greece

16:15 to 16:25 **Marcelo Molento**, Universidade Federal Do Parana, Brazil

The event registration requires two steps : 1) create an e-COST account in the www.cost.eu and 2) register here: <https://docs.google.com/forms/d/e/1FAIpQLSeBqwGu4tCAi946KMoh-En5lWp8cbeDCoNVQ8NNnxjPslYQ/viewform?usp=publish-editor> by the **22/03/2026**