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MicroBioPest: Microbial Biopesticides to Control Disease Vectors and Agricultural Pests

HORIZON-WIDERA-2022-TALENTS-01- ERA Chairs-GA No 101087110

CypTox: Training next level scientists and researchers to develop highly selective and safe insecticides

H2020-MSCA-RISE-2020- GA No 101007917



Workshop/Practical Course: “Vector Control: Insecticides and Beyond”

Heraklion, Crete - Greece, July 11-12, 2024

**Foundation for Research and Technology - Hellas, 100 Nikolaou Plastira str.,
Vassilika Vouton, Heraklion, Crete GR 700 13, Greece**

Room: Liannis Amphitheater

AGENDA

Local time GR (CET+ 1hr)

Thursday 11 July 2024

10.30-10.50	Arrivals – Welcome and coffee
10.50-11.00	Introduction –Objectives <i>John Vontas, FORTH</i>
PLENARY: PREVENTION OF VECTOR BORNE DISEASES	
11.00-12.00	Challenges and prospects in Vector Control George Dimopoulos, Johns Hopkins USA
12.00-13.00	Prospects for vector control by targeting the insect olfactory system Laurence J. Zwiebel, Vanderbilt University, USA
13.00-14.00	Lunch
PRACTICAL COURSES: DISCOVERY AND EVALUATION OF NOVEL INSECTICIDES	
14.00-14.30	Methods for discovery and development of novel insecticide leads <i>John Vontas, IMBB-FORTH & AUA</i>
14.30-15.00	Screening tools for testing metabolic stability and anti-resistance potential of new insecticides <i>Gareth Lycett LSTM, UK</i>
15.00-16.30	Practical Demonstration (IMBB) -Discovery of Microbial Biopesticides Martyn Wood/Joel Couceiro, Juan Silva, IMBB-FORTH, Greece -Bioassays for testing insecticides Linda Grigoraki, IMBB-FORTH
16.30-17.00	Coffee break and Networking activities - End of meeting

10.30-11.00	Arrivals – Welcome and coffee
PLENARY: PREVENTION OF VECTOR BORNE DISEASES	
11.00-12.00	Gene Drive – based solutions for mitigating vector borne disease transmission George Christophides, Imperial College London, UK
12.00-13.00	Sustainability of insecticide based control applications Gareth Lycett, Liverpool School Tropical Medicine, UK
13.00-14.00	Lunch
PRACTICAL COURSE: EVALUATION AND IMPLEMENTATION OF NOVEL VECTOR CONTROL TOOLS	
14.00-14.30	Development and Evaluation of repellent/attractant solutions <i>Laurence J. Zwiebel, Vanderbilt University, USA</i>
14.30-15.00	Evaluating novel vector control tools in endemic settings <i>Speaker TBD (VISA approval pending)</i>
15.00-16.30	Practical Demonstration (IMBB) -Molecular Diagnostics for evidence based control applications (vector identification/incrimination, pathogen detection, insecticide resistance) Kostas Mavridis, IMBB-FORTH, Greece
16.30-17.00	Coffee break and Networking activities - End of meeting

GENERAL INFORMATION

MEETING VENUE

The Meeting will be hosted at the central building of the Foundation for Research and Technology - Hellas (FORTH) (Room TBD), campus outside Heraklion in the island of Crete (100 Nikolaou Plastira str., Vassilika Vouton, Heraklion, Crete GR 700 13, Greece). FORTH is situated at a distance of approximately 13 km of Heraklion city and the International Airport [Airport / city code: HER].



HOW TO GET FROM HERAKLION CITY CENTER TO THE MEETING VENUE (FORTH)

A. Shuttle Bus (will be arranged by the organizers - IMBB)

Meeting Point: Venizelos Statue Square, Plateia Eleftherias (please see the map below)

Departure hours: Thursday, July 11th, 10:00 AM; Friday July 12th, 10:00 AM.

Return shuttle buses from IMBB at 17.00 respectively.



Note: Transportation from Heraklion city center to the meeting venue and Lunch on 11h and 12th are arranged and covered by IMBB - FORTH.

By TAXI

From Heraklion city center to FORTH:

The most convenient taxi queue is at PLATEIA ELEFThERIAS.

A taxi ride takes about 15-20 minutes and costs approximately €20

HOW TO GET FROM THE AIRPORT TO THE CITY CENTER

Taxi service is provided just outside the airport.

A taxi ride takes about 15 minutes and costs approximately €10-20. If the ride is late at night the cost will be more.

ACCOMODATION (to be arranged by participants – not covered by IMBB)

A list of hotels in Heraklion is available below:

Option 1: [Lato Boutique Hotel - Best City Hotel in Heraklion, Crete | Book Now](#)

Option 2: [Ibis Styles Heraklion Central Hotel - The obvious choice in the city center \(centralhotelheraklion.com\)](#)

Option 3: [Olive Green Boutique Hotel - Your Eco-friendly Stay in Heraklion, Crete \(olivegreenhotel.com\)](#)

Option 4: [GDM MEGARON HOTEL - HERAKLION CITY CENTER HOTEL](#)

Option 5: [Aquila Atlantis hotel in Heraklion Crete – Luxury Hotel in Heraklion Crete \(hotelatlantis.com\)](#)

Option 6: [Home Astoria - Capsis Hotel - Astoria \(capsishotels.gr\)](#)

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