



EUROPEAN COMMISSION
RESEARCH EXECUTIVE AGENCY

Marie Skłodowska-Curie Research
and Innovation Staff Exchange
101007917 – CypTox



Workshop/Course:
**“Enzyme Biotechnology applications for
Pesticide/Drug Discovery”**

Thursday 22 September 2022, 9.00-13.00, Room: Seminar 1

AGENDA

9:00-9:10	Introduction by Coordinator – Course Objectives (Vontas, FORTH)
9:10-9:40	CYP applications for safe and selective pesticides (Lea Talman, SYNGENTA, Switzerland)
9:40-10:05	The role of CYP bioinformatics for safe and selective pesticides (Rene Feyereisen/Panos Ioannidis, University of Ghent/FORTH)
10.05-10.30	Modern <i>in silico</i> and organic synthesis approaches for Drug Discovery (Konstantinos Neochoritis, Maria Thomaidi, University of Crete, Greece)
10:30-11:00	Coffee break *
11:00-11:30	Enzyme Biotechnology screening platforms: state of the art and applications (Nikolaos Labrou, Elissavet Ioannou, AUA, Greece)
11:30-12:00	CYP Biotechnology approaches for pesticide screening (Michael Voice, CYPEX, UK)
12.00-13:00	- Visit IMBB Biotechnology Units and ENZYQUEST - Visit University of Crete – Biology: Insectaries and Greenhouses/plant biotechnology applications - Visit University of Crete – Chemistry department: analytical approaches/Drug Discovery
13:00-14:00	Lunch break *

* coffee and light lunch will be offered by CypTox to all participants