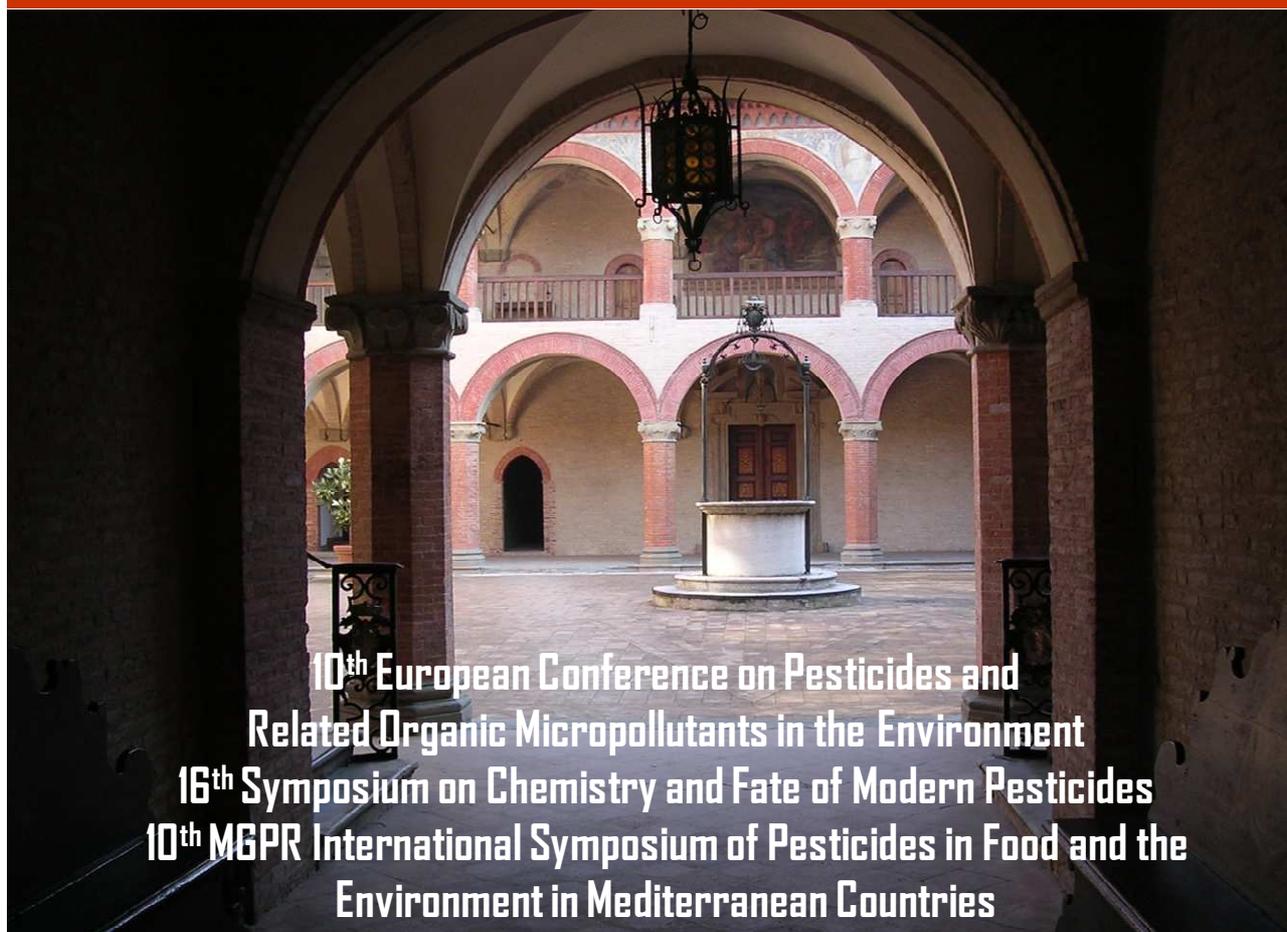




September 12-14, 2018, Bologna (Italy)



10th European Conference on Pesticides and
Related Organic Micropollutants in the Environment
16th Symposium on Chemistry and Fate of Modern Pesticides
10th MGPR International Symposium of Pesticides in Food and the
Environment in Mediterranean Countries



CONCERNS, CHALLENGE, AND POSSIBLE SOLUTIONS

September 12-14, 2018 BOLOGNA - ITALY

Regione Emilia-Romagna, Sala A (Viale della Fiera, 8 - Bologna)

SAVE THE DATE

ADDRESSED ISSUES

The concept of food quality is a two-sided coin: on one side, the beneficial aspects for nutritional purposes; on the other, the presence of potentially toxic contaminants. There are many shortcomings and incompleteness of information on the later issue. The incidence of diseases potentially related to the absorption of micro-contaminants from food and environmental pollution, is estimated to be an upward trend over the next 50 years. It is therefore necessary to obtain reliable information on the presence of contaminants, their evolution from the environment to food, their toxicity even in concentrations below the toxicological levels defined to date. The focus of the Congress is "Contaminants": where we are and where we are going; opening a window on "emerging" contaminants and so-called "cocktail of contaminants", and focusing on their occurrence in food and in the environment. Risk assessment, management, and communication on food and environmental contaminants are three key elements for the development and competitiveness of the agro-industrial system. A combined approach to this issue has important social and environmental implications as it is closely linked to human health, health spending and the protection of the natural ecosystems. Consumers draw their attention to products that are not only good and healthy, but also and above all safe from a toxicological point of view.

The Congress will explore new emerging contaminants like micro and nano-plastics, antimicrobials, pharmaceutical residues, perfluoro-alkylated substances (PFAS), toxic elements, food packaging contaminants as mineral oil hydrocarbons (MOH), as well as process contaminants as acrylamide, glycidic esters, 3-MCPD besides intentional or unintentional contamination with pesticides, and mycotoxins.

The effect of multi-contaminants' aggression on the environment and human safety can no longer exclude the effect of these compounds on environmental and animal microbioma, since it is strictly linked to a correct behaviour of the different organism's wellbeing.

The Congress will be organized in thematic Session aimed at deepening the state of the art on food and environment, the remediation tools, the new analytical approaches, and the risk management techniques.

PRELIMINARY PROGRAMME

Wednesday - September 12

9:00 - 9:30 OPENING CEREMONY

Greetings from the authorities and representatives of the organizing associations

9:30 - 10:30 INVITED LECTURE

Environmental and Animal Microbioma as an index of pollution stress

10:30 - 11:00 coffee break

11.00 - 13:30 FOOD SESSION

13:30 - 15:00 lunch

15:00 - 17:30 ENVIRONMENT SESSION

17:30 - 18:30 Coffee break & Posters Session

Thursday - September 13

9:00 - 9:30 KEYNOTE

BIOFUMIGATION

9:30-11:00 MITIGATION/REMEDIATION SESSION

11:00 - 11:30 coffee break

11:30 - 13:00 ANALYTICS SESSION

13:00 - 14:30 lunch

14:30 - 17:00 MODELLING SESSION

17:00 -18:00 Coffee break & Posters Session

Friday, September 14

9:00 - 9:30 KEYNOTE

Antibiotics and antimicrobial resistance: Causes and possible solutions

9:30-11:00 EMERGING CONTAMINANTS SESSION

11:00 - 11:30 coffee break

11:30 - 13:00 POPs SESSION

13:00 - 14:30 lunch

14:30 - 17:00 RISK MANAGEMENT SESSION

17:00 - 18:00 AWARDS & CLOSING CEREMONY