

A new regulation on the placing of plant protection products on the market was recently published (Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009) and will replace Directive 91/414/EEC with the aim to ensure a higher level of human, animal and environmental protection. This regulation introduces new hazard-based cut-off criteria major changes in how plant protection products are placed on the market and how they are used in practice The active substances shall be approved if it fulfills specific criteria related to the efficacy of the substance, its composition, its characteristics, the methods of analysis available, the impact on human health and the environment, ecotoxicology and the relevance of metabolites and residues. As such, an active substance shall only be approved if it is not classified as category 1A or 1B mutagenic, carcinogenic or toxic for reproduction, and is not considered to have endocrine disrupting properties. Furthermore, an active substance which is considered to be a persistent organic pollutant, or as persistent, bioaccumulative and toxic, or even as a very persistent and very bioaccumulative substance, shall not be approved. On this basis new approaches in testing and risk assessment procedures need to be considered taking into account the science development and the technological innovations.

Participants information:

Participation is free of charge, participants must support their travel and hotel expenses. Certificate of attendance will be available for all participants.

Chairpersons and Speakers

Domenica Auteri – *European Food Safety Authority (EFSA)*

Romualdo Benigni – *Istituto Superiore di Sanità*

Claudia Bolognesi – *Istituto Nazionale Ricerca sul Cancro, Genova*

Pasquale Cavallaro – *Ministero della Salute*

Riccardo Crebelli – *Istituto Superiore di Sanità*

Eric Debruyne – *Bayer CropScience*

Ivana Fegert – *BASF*

Marina Marinovich – *Università di Milano*

Angelo Moretto – *Ospedale Luigi Sacco, Università di Milano*

Emanuela Testai – *Istituto Superiore di Sanità*

Manuela Tiramani – *European Food Safety Authority (EFSA)*



S.I.M.A.



**New Pesticide Regulation:
Innovative Aspects and
Emerging Problems**

**JOINT MEETING
SIMA-SITOX**

October 5, 2010

**Aula Pocchiarri
Istituto Superiore di Sanità
Viale Regina Elena, 299
ROMA**

**New Pesticide Regulation:
Innovative Aspects and
Emerging Problems**

Chairpersons: M. Marinovich

- 9.00** Registration/Introduction
- 9.30** Pesticide risk assessment: changes and perspectives for mammalian toxicology in the new EC regulation 1107/2009
M. Tiramani
- 10.00** Issues in cumulative and aggregate risk assessment
A. Moretto
- 10.45** Genotoxicity testing strategies: updated recommendations for the assessment of pesticides
R. Crebelli
- 11.15** *Coffee Break*
- 11.30** Impact of genotoxicity in risk assessment of pesticides, their metabolites and degradates
C. Bolognesi

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Chairpersons: C. Bolognesi

- 12.10** In silico alternative to the carcinogenicity bioassay: correlation with in vivo, in vitro results.
R. Benigni
- 12.40** *Lunch*
- 14.00** Environmental pesticide risk assessment: changes and perspectives in the new EC Regulation 1107/2009
D. Auteri
- 14.30** ROUND TABLE
**Chairpersons: M. Tiramani
P. Cavallaro**
- P. Cavallaro, E. Debruyne,
I. Fegert, E. Testai,
M. Tiramani**

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Organizing Secretariat

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