

# Occupational exposure to pesticides

## Challenges for research, evaluation and prevention

CONFERENCE



### PROGRAMME

**28 & 29**  
**OCTOBER 2014**

Auditorium - Siège de l'Anses  
27/31 avenue du général Leclerc  
94701 Maisons-Alfort cedex - FRANCE

Under the high patronage  
of the French Ministry for Social Affairs  
and Health and Women's Rights,  
the French Ministry of Agriculture, Agrofood and Forestry



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28 October 2014

12:30 *Welcome, registration & lunch*

13:30 **OPENING**

Marc MORTUREUX, General Director, ANSES, France

Bernhard URL, Executive Director, European Food Safety Authority (EFSA), Italy

13:50 **SESSION 1 – HEALTH EFFECTS OF PESTICIDES/KNOWLEDGE PROVIDED BY EPIDEMIOLOGY**

*Moderator: Gérard LASFARGUES - ANSES, France*

### **Health effects of pesticides: results from the agricultural health study**

Keynote: Laura BEANE-FREEMAN, National Cancer Institute (NCI), United States

### Literature review on epidemiological studies linking exposure to pesticides and health effects

Jose TARAZONA – European Food Safety Authority (EFSA), Italy

### Cancers and agriculture in France, what are the current and expected short-term lessons from the cohort Agrican (AGRIculture & CANcer)?

Pierre LEBAILLY – Centre François Baclesse, University of Caen Basse-Normandie, INSERM, France

**Questions**

15:30 *Coffee break*

15:45 **SESSION 2 – IMPROVING KNOWLEDGE ON PESTICIDES EXPOSURE AND RISK ASSESSMENT METHODOLOGIES (PART 1: ABOUT THE MODELING)**

*Moderators: Jose TARAZONA, EFSA, Italy & Thierry MERCIER, ANSES, France*

### **Pesticide exposure assessment: developments and challenges**

Keynote: Paul HAMEY, Health and Safety Executive (HSE), United Kingdom

### Guidance document on operator and worker exposure assessment

Manuela TIRAMANI – European Food Safety Authority (EFSA), Italy

### Agricultural operator exposure model (AOEM)

Sabine MARTIN, Federal Institute for Risk Assessment (BfR), Germany

**Questions (part 1)**

17:20 *Closing of the 1<sup>st</sup> day*

Bernhard URL, Executive Director, European Food Safety Authority (EFSA), Italy

# 28&29 OCTOBER 2014

29 October 2014

08:00 *Registration & welcome*

08:30 **SESSION 2 – IMPROVING KNOWLEDGE ON PESTICIDES EXPOSURE AND RISK ASSESSMENT METHODOLOGIES (PART 2: ABOUT RESEARCH AND EXPERTISE)**

*Moderators: Jose TARAZONA, EFSA, Italy & Thierry MERCIER, ANSES, France*

## **Summary of part 1 by the moderators**

Indoor and outdoor exposure of workers to plant protection products – the EU Browse model

Pieter SPANOGHE, Ghent University, Belgium

Matphyto program: French crop exposure matrices for retrospective pesticides exposure assessment

Johan SPINOSI, French Institute for Public Health Surveillance (InVS), University Claude Bernard Lyon 1, Umrestte, France

ACROPOLIS project, focus on occupational issue

Jacob VAN KLAVEREN, National Institute for Public Health and the Environment (RIVM), the Netherlands

Occupational exposure to pesticides in agriculture, on-going expertise at Anses

Catherine LAURENT, INRA, chair of the Anses WG on pesticides exposure, France

**Questions (part 2)**

10:45 *Coffee break*

11:00 **SESSION 3 – TECHNICAL AND HUMAN FACTORS IMPACTING EXPOSURE AND PROTECTIVE MEASURES**

Moderator: Manuela TIRAMANI, European Food Safety Authority (EFSA), Italy

**Overview of existing issues with regard to technical factors, PPE and work wear, and their impact on exposure**

Keynote: Rianda GERRITSEN-EBBEN, TNO, the Netherlands

Personal Protective Equipment – performance and recommendations

Thierry MERCIER, ANSES, France

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Variability of exposure to pesticides according to the spraying equipment used:  
how can we reduce the operator's exposure?

Sonia GRIMBUHLER, National Research Institute of Science and Technology for Environment and Agriculture (IRSTEA), France

The use of pesticides in French viticulture: a badly controlled technology transfer!

Alain GARRIGOU, University of Bordeaux/INSERM/ISPED, France

### Questions

13:00 *Lunch*

14:00

### ROUND TABLE – OCCUPATIONAL EXPOSURES: CHALLENGES AND PREVENTIVE MEASURES REFLECTING CURRENT KNOWLEDGE AND PRACTICES

Moderator: François DESRIAUX, journalist, Health & Work magazine

#### Occupational exposure to pesticides: the limits of technical solutions

Introductory conference: Nathalie JAS, RiTME unit, French National Institute for Agricultural Research (INRA), France

Dr. Michel GAGEY, Director of Occupational Health & Safety, Caisse Centrale de la Mutualité Sociale Agricole (CCMSA) (Central Fund of the Agricultural mutual benefits scheme)

Jean-Charles BOCQUET, Director General, European Crop Protection Association (ECPA)

Paul FRANCOIS, Farmer and Chairman of the Phyto-Victimes Association

Laurent VOGEL, Researcher, European Trade Union Institute (ETUI)

Eric THIROUIN, Farmer, board member of the French National Federation of Farmers' Unions (FNSEA) and Chairman of the Environment Commission of the FNSEA

Christophe HILLAIRET, member of the APCA Board (Permanent Assembly of the French Chambers of Agriculture) and Chairman of the Ile de France Interdepartmental Agricultural Chamber

Emmanuelle SOUBEYRAN, Head of the department for health measures in primary production, Directorate General for Food (DGAL)

Pascal ETIENNE, Head of the office for occupational equipment and sites, Directorate General for Labour (DGT)

16:15

### CLOSING

Gérard LASFARGUES – Deputy Director General for Scientific Affairs, ANSES, France