

# EFFECTS OF PESTICIDE USE ON THE DEVELOPMENT OF BEE DISEASES-ANALYTICAL AND ECOTOXICOLOGICAL THREATS AND CHALLENGES

National Institute for Agricultural and Food Research and Technology, INIA  
7<sup>th</sup>- 8<sup>th</sup> November 2016



## BEE FORUM PROGRAMME

Monday 7<sup>th</sup> November. Salón de Actos

### 14:30 – 14:50. Introduction and Welcome

**WELCOME BY THE HEAD OF THE INIA**

**Mr. Manuel Laínez Andrés**

*Head of the National Institute for Agricultural and Food Research and Technology (INIA) Spain*

**Introduction by the Chair**

### 14:50 – 15:10. Swedish bee monitoring programme: findings and scope

**Mrs. Susanne Ekroth**

*Chemistry Department. Science Division. National Food Agency*

### 15:10 – 15:40. Analytical quality control of pesticide residues. Method development for bee and pollen analysis

**Mrs. Mette Erecius Poulsen<sup>1</sup>/Mr. Amadeo R. Fernández-Alba<sup>2</sup>**

*<sup>1</sup>European Union Reference Laboratory for Pesticide Residues in Cereals and Feeding Stuff.  
University of Denmark*

*<sup>2</sup>European Union Reference Laboratory for Pesticide Residues in Fruit & Vegetables.  
University of Almería*

### 15:40 – 16:00. Impacts of pesticides on the health of bees

**Mr. Francisco Sánchez-Bayo**

*Faculty of Agriculture & Environment. University of Sydney*

### 16:00 – 16:20. Tracking the dangerous work of bees in agroecosystems

**Mr. Horacio Heinzen**

*Pharmacognosy & Natural Products. University of The Republic. Uruguay*

### 16:20 – 16:40. Coffee Break

### 16:40 – 17:00. Bees: Syngenta : testing, risk assessment and its wider involvement in pollinator solutions

**Mr. Mike Coulson**

*Syngenta Global. United Kingdom*

**17:00 – 17:20. Bee safety of neonicotinoids - Evidence from studies conducted under realistic field conditions**

**Mrs. Jeanine Doering**  
*Bayer CropScience AG. Germany*

**17:20 – 17:40. Pesticide residue monitoring and investigation of intoxications in honeybees in Spain (2012-2016)**

**Mrs. Iratxe Pérez Cobo**  
*Ministry of Agriculture, Food and Environment. Spain*

**17:40 – 18:00. Indicators of honey bee health and stress**

**Mr. Per Kryger**  
*Danish Reference Laboratory for honey bee health. University of Aarhus. Denmark*

**17:40 – 18:00. Questions and Remarks**

**Tuesday 8<sup>th</sup> November. Sala San Francisco**

**9:00 – 9:20. New data requirements for the risk assessment of pesticides to bees under Regulation (EC) 1107/2009**

**Mrs. Elena Alonso Prados**  
*Dirección Técnica de Evaluación de Variedades y Productos Fitosanitarios. National Institute for Agricultural and Food Research and Technology (INIA). Spain*

**9:20 – 10:20. Field studies**

**Field studies to evaluate residues of neonicotinoids and other pesticides used in citrus and apple orchards related to bees and other pollinators: foliar treatment**

**Mrs. María Teresa Martínez Ferrer**  
*Institute of Agrifood Research and Technology (IRTA). Spain*

**Methodologies for field assessment of the effects of insecticides on wild pollinators: foliar treatment on peaches**

**Mr. Manuel González Núñez**  
*National Institute for Agricultural and Food Research and Technology (INIA). Spain*

**Study of the effects of neonicotinoids on pollinator populations. Sunflower crop and seed treatment**

**Mrs. María Dolores Hernando Guil<sup>1</sup>/ Mr. Sergio Gil Lebrero<sup>2</sup>**  
*<sup>1</sup>National Institute for Agricultural and Food Research and Technology (INIA). Spain*  
*<sup>2</sup>University of Córdoba, Spain*

**10:20 – 11:00. Coffee Break**

**11:00 – 13:00. Round Table**

**All Speakers**

**13:00 – 13:30. Conclusions and Farewell**