

## EFSA Scientific Colloquium N°18

*Towards holistic approaches to the risk assessment  
of multiple stressors in bees*  
15-16 May 2013 | Parma, Italy

### Programme

#### Overall chair

*Tony Hardy, Chair of the Scientific Committee of the European Food Safety Authority*

#### Overall rapporteur

*Jane Stout, Trinity College, IE*

### Wednesday 15 May

**08.30-09.00** Registration participants

08.15-08.45 Briefing meeting with all chairs and rapporteurs

#### **09.00-12.30** SESSION 1: INTRODUCTORY PLENARY SESSION

09.00-09.10 **Welcome and introduction to EFSA**

*Tobin Robinson, European Food Safety Authority*

09.10-09.25 **Objectives of the Colloquium**

*Tony Hardy, Chair of the Scientific Committee of the European Food Safety Authority*

09.25-09.45 **Documenting shifts in pollinators and plants and mitigation options**

*Koos Biesmeijer, Naturalis Biodiversity Center, NL*

09.45-09.55 Questions

09.55-10.15 **A pan-European surveillance program on colony losses**

*Marie-Pierre Chauzat & Pascal Hendrikx, Anses, FR*

10.15-10.25 Questions

#### **10.25-10.55** COFFEE / TEA BREAK

10.55-11.15 **The risk assessment of stressors in bees: a multi-level approach**

*Fabio Sgolastra, University of Bologna, IT*

11.15-11.25 Questions

11.25-11.45 **From individual bee to superorganism: how to test multiple stressors**

*Jeff Pettis, U.S. Department of Agriculture, USA*

11.45-11.55 Questions

11.55-12.15 **A review of honeybee models and a short introduction to the new integrated colony model BEEHAVE**

*Volker Grimm, Helmholtz Centre for Environmental Research (UFZ), DE*

12.15-12.25 Questions

12.25-12.30 **General discussion & Introduction Discussion Groups**

*Andrea Altieri, European Food Safety Authority*

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**12.30-14.00 LUNCH**

**14.00-18.00 SESSION 2: DISCUSSION GROUPS (DG)**

DG 1	<b>Protection of Bees and Pollination Service: Tools and Challenges</b>	Chair:	<b>Koos Biesmeijer</b> , <i>Naturalis Biodiversity Center, NL</i>
		Rapporteur:	<b>Jeff Pettis</b> , <i>U.S. Department of Agriculture, USA</i>
DG 2	<b>Monitoring Bee Populations and Stressors: Harmonisation of Protocols and Data Collection</b>	Chair:	<b>Pascal Hendrikx</b> , <i>Anses, FR</i>
		Rapporteur:	<b>Mark Brown</b> , <i>School of Biological Sciences, Royal Holloway University of London, UK</i>
DG 3	<b>Testing and Assessing Stressors in Bees: From Laboratory to Field Conditions</b>	Chair:	<b>Robert Luttik</b> , <i>Vice-Chair of the Scientific Committee of the European Food Safety Authority</i>
		Rapporteur:	<b>Piotr Medrzycki</b> , <i>National Institute of Apiculture, IT</i>
DG 4	<b>Risk Assessment of Multiple Stressors in Bees: From Mechanistic to Holistic Approaches</b>	Chair:	<b>David Goulson</b> , <i>University of Sussex, UK</i>
		Rapporteur:	<b>Reed Johnson</b> , <i>Ohio State University, USA</i>

**16.00 COFFEE/TEA BREAK**

**18.00 End of Discussion Groups**

**19.30 DINNER**

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**Thursday 16 May**

<b>09.00-10.00</b>	<b>SESSION 3: CONTINUATION OF DISCUSSION GROUPS</b> Including discussion on the outcomes of the discussion groups and the production of reports to the plenary session		
<b>10.00-10.30</b>	<b>COFFEE/TEA BREAK</b>		
<b>10.30-13.30</b>	<b>SESSION 4: FINAL PLENARY SESSION</b>		
10:30-10:50	Report back from Discussion Group 1	<b>Jeff Pettis</b> , U.S. Department of Agriculture, USA	
10:50-11:05	Discussion		
11:05-11:25	Report back from Discussion Group 2	<b>Mark Brown</b> , School of Biological Sciences, Royal Holloway University of London, UK	
11:25-11:40	Discussion		
11:40-12:00	Report back from Discussion Group 3	<b>Piotr Medrzycki</b> , National Institute of Apiculture, IT	
12:00-12:15	Discussion		
12:15-12:35	Report back from Discussion Group 4	<b>Reed Johnson</b> , Ohio State University, USA	
12:35-12:50	Discussion		
12:50-13:20	General discussion		
13:20-13:30	Take-home messages	<b>Jane Stout</b> , Trinity College, IE	
<b>13.30</b>	<b>COLLOQUIUM ADJOURNS</b>		

**Organising Committee**

Andrea Altieri, *European Food Safety Authority*

Jean-Lou Dorne, *European Food Safety Authority*

Tony Hardy, *Chair of the Scientific Committee of the European Food Safety Authority*

Robert Luttik, *Vice-Chair of the Scientific Committee of the European Food Safety Authority*

Tobin Robinson, *European Food Safety Authority*

Agnès Rortais, *European Food Safety Authority*

Jane Stout, *Trinity College, IE*