

### 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*

Questions

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

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

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*

Questions

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

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

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*

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:  Rapporteur:	<i>Koos Biesmeijer, Naturalis Biodiversity Center, NL Jeff Pettis, U.S. Department of Agriculture, USA</i>
DG 2	<b>Monitoring Bee Populations and Stressors: Harmonisation of Protocols and Data Collection</b>	Chair:  Rapporteur:	<i>Pascal Hendrikx, Anses, FR Mark Brown, 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:  Rapporteur:	<i>Robert Luttik, Vice-Chair of the Scientific Committee of the European Food Safety Authority Piotr Medrzycki, National Institute of Apiculture, IT</i>
DG 4	<b>Risk Assessment of Multiple Stressors in Bees: From Mechanistic to Holistic Approaches</b>	Chair:  Rapporteur:	<i>David Goulson, University of Sussex, UK Reed Johnson, 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> <b>Including discussion on the outcomes of the discussion groups and the production of reports to the plenary session</b>
<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 <i>Jeff Pettis, U.S. Department of Agriculture, USA</i>
10:50-11:05	<i>Discussion</i>
11:05-11:25	Report back from Discussion Group 2 <i>Mark Brown, School of Biological Sciences, Royal Holloway University of London, UK</i>
11:25-11:40	<i>Discussion</i>
11:40-12:00	Report back from Discussion Group 3 <i>Piotr Medrzycki, National Institute of Apiculture, IT</i>
12:00-12:15	<i>Discussion</i>
12:15-12:35	Report back from Discussion Group 4 <i>Reed Johnson, Ohio State University, USA</i>
12:35-12:50	<i>Discussion</i>
12:50-13:20	General discussion
13:20-13:30	Take-home messages <i>Jane Stout, Trinity College, IE</i>
<b>13.30</b>	<b>COLLOQUIUM ADJOURS</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*