



**Cost Action 862  
Bacterial Toxins for Insect Control  
WG5 Workshop Salzau Castle 2009**

[http://www.lifesci.susx.ac.uk/home/Neil\\_Crickmore/cost862/cost862.html](http://www.lifesci.susx.ac.uk/home/Neil_Crickmore/cost862/cost862.html); <http://www.cost.esf.org>

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**Working Group 5: Aspects of risk assessment and registration of bacterial plant protection products and biocides.**

**Workshop title:**

**Alternative methods assessing non-target infectivity and toxicity of microbial plant protection products and biocides**

**Organizer:** [Olaf Strauch](#), Inst. f. Phytopathologie, Christian-Albrechts-University of Kiel

**Date:** March 26, 2009

**Location:** Salzau castle, Germany

Arrival for participants March 25

Departure March 27

(At March 27 a workshop on Bt-toxins against *Diabrotica virgifera virgifera* will be carried out at the same location. Participants which are interested in both workshops can also depart at March 28.)

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**Programme**

**09:00 Welcome and introduction** (N. N.)

**09:20 Current methodology** (Götz Neurath, GAB GmbH, Germany)

**09:40 REBECA proposals: Infectivity assessment** (Olaf Strauch, University of Kiel)

**10:00 REBECA proposals: Toxicity assessment** (Hermann Strasser, University of Innsbruck)

**10:20 Assessing the sensitization/irritation properties of micro-organisms** (Gregorio Loprieno, Dipartimento Prevenzione ASL2 LUCCA, Italy)

**10:40 Chicken embryo assays** (N. N.)

**11:00 Coffee break**

**11:20 *C. elegans* as an in vivo model to decipher bacterial virulence** (Léopold Kurz, Luminy University-Aix Marseille II, France)

**11:40 Microbial virulence prediction in-vitro and in-wormo** (Robin May, University of Birmingham, UK)

**12:00 Screening of soil microbes with *C. elegans*** (Gabrielle Berg, University of Technology Graz, Austria)

**12:20 Development of alternative risk assessment methods for micro-organisms using *Bacillus thuringiensis* as a model organism: a NERI project** (Bjarne Munk Hansen, National Environmental Research Institute, Aarhus University, Denmark)

**12:40 Acute toxicity test with *Daphnia magna*: an alternative to mammals in the prescreening of chemical toxicity?** (Lúcia Guilhermino, Laboratory of Ecotoxicology, Portugal)

**13:00 Lunch**

**14:00 Toxicity assessment of metabolites of fungal biocontrol agents using different invertebrate bioassays and cell cultures.** (Claudio Altomare, ISPA Bari, Italy, Institute of Sciences of Food Production, Italy)

**14:30 Acute toxicity assessment of fungal secondary metabolites with *Paramecium caudatum*** (Barbara Pernfuß, University of Innsbruck)

**14:50 Assays with the ciliate *Tetrahymena pyriformis*** (Ingvar Sundh, Dep. of Mikrobiologi, SLU, Sweden)

**15:10 Test systems assessing genotoxic effects of microbial products** (Milton Typas, University of Athens, Greece)

**15:30 Coffee Break**

**16:00 How to validate a new assay** (Manfred Liebsch, Centre for Documentation and Evaluation of Alternatives to Animal Experiments, Germany)

**16:20 Final Discussion: How to promote and coordinate the validation of alternative test systems for microbial plant production products and biocides in the EU?**

**19:00 Dinner**

#### **REGISTRATION:**

Please contact [Olaf Strauch](#), Inst. f. Phytopathology, Christian-Albrechts-University of Kiel.

Registration fee 100 €(incl. meals and workshop facilities)

Accommodation: Salzau castle: Single rooms 45 – 100 €per night.