

AG Name: Dung Organism Toxicity Testing (DOTTS)

Submitted by: Jörg Römbke

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Council/Board Liaison:

Organization

Since 2002, DOTTS is organized by a small group of active members. Decisions are made during the annual meetings, usually by acclamation. Several non-SETAC-members regularly contribute to the group activities.

Activities Summary

As usual, a group meeting took place during the SE Annual Conference (Glasgow; May 2013). For the second time in a row, the DOTTS meeting was combined with a meeting of people preparing an OECD Guideline on the fate of pharmaceuticals in dung and manure.

- **Recent publications:**

Adler, N., J. Bachmann, J. Römbke (2013): New test strategy for dung beetles during the authorization process of parasiticides. **Integ. Envir. Assess. Manag. (IEAM)** 9: 524-530.

Blanckenhorn, W.U., Puniamoorthy, N., Scheffczyk, A., Römbke, J. (2013a): Evaluation of ecotoxicological effects of the parasiticide moxidectin in comparison to ivermectin in 11 species of dung flies. *Ecotox. Environ. Safety* 89: 15-20.

Blanckenhorn, W.U., Puniamoorthy, N., Schäfer, M.A., Scheffczyk, A. & Römbke, J. (2013b): Standardized laboratory tests with 21 species of temperate and tropical sepsid flies confirm their suitability as bioassays of pharmaceutical residues (ivermectin) in cattle dung. *Ecotox. Environ. Safety* 89: 21-28.

- The work of the group is regularly presented at SETAC conferences.

Future Plans

The focus of the group has shifted to the improvement of test strategies and risk assessment procedures (see Adler et al. (2013) in IEAM). In addition, the group will have a closer look at community endpoints, e.g. trying to prepare a Guidance Document for field testing of veterinary pharmaceuticals (VMP) as a higher-tier VICH method.

Business and Planning Meetings

DOTTS members will meet during the next SETAC Europe conference in Basel in May 2014.

Membership Communications

Due to its small size, most communication is performed in the annual meetings or by e-mails.

Issues/Problems

None.

Current Steering Committee

The group is chaired by Jörg Römbke. The affiliation of members is: business (= 6), academia (= 5) and government (= 5). Non-active members were taken from the list in 2013.

No. active members:13

Total membership:16

