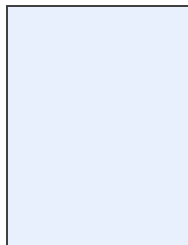


BIOGRAPHY

27/6/2012



Title and name

Dr. ACHIM GATHMANN

Nationality

German

Panel

Genetically Modified Organisms (GMO)

Education

Doctor (rer. nat., Biology), Dissertation 1998, University of Göttingen, Germany

Diploma (Biology), 1991, University of Karlsruhe

Scientific and risk assessment experience

- Risk assessment and monitoring of GMO
 - Assessment of agricultural management measures on biodiversity and their bioindication with wild bees and wasps,
 - Plant pathology,
 - Biological and chemical control of insect pests
 - Effect of insecticides and GM-plants on non-target organisms
 - Resistance management of Bt-plants
-

Main scientific publications

Perry J.N., Devos Y., Arpaia S., Bartsch D., Gathmann A., Hails R.S., Kiss J., Lheureux K., Manachini B., Mestdagh S., Neemann G., Ortego F., Schiemann J., Sweet J.B. (2010) A mathematical model of exposure of non-target Lepidoptera to Bt-maize pollen expressing Cry1Ab within Europe. Proceedings of the Royal society of London (B) 277: 1417–1425.

Rauschen S., Schaarschmidt F. & Gathmann A. (2010) Occurrence and field densities of Coleoptera in the maize herb layer: Implications for Environmental Risk Assessment. Transgenic Research 19: 727-744.

Saeglitz C., Gathmann A., Priesnitz K.U., Schuphan I. & Bartsch D (2006): Monitoring the Cry1Ab susceptibility of European Corn Borer (*Ostrinia nubilalis* Hbn.) in Germany. Journal of Economic Entomology 99: 1768-1773.

Gathmann A., Wirooks L., Eckert J. & Schuphan I. (2006): Spatial distribution of *Aglais urticae* and its host plant *Urtica dioica* in an agricultural landscape: implications for risk assessment of Bt-maize. Environmental Biosafety Research 5: 27-36.

Gathmann A., Wirooks L., Hothorn L.A. & Schuphan I. (2006): Impact of Bt-pollen (MON810) on lepidopteran larvae living on accompanying weeds. *Molecular Ecology* 15: 2677-2685.

Eckert J., Schuphan I., Hothorn L.A. & Gathmann A. (2006): Arthropods on maize cobs in view of monitoring non-target organisms in Bt-maize. *Environmental Entomology* 35(2): 554-560.

Poerschmann J., Gathmann A., Augustin J., Langer U. & Gorecki T. (2005): Molecular Composition of Leaves and Stems of Genetically Modified (Bt) and Isogenic Maize. Part 1: Characterization of Lignin Patterns. *Journal of Environmental Quality*. 34 (5): 1508-1518

Langhof M., Gathmann A. & Poehling H.-M. (2005) Insecticide drift deposition on off-crop plant surfaces and its impact on two beneficial non-target arthropods, *Aphidius colemani* Viereck (Hymenoptera, Braconidae) and *Coccinella septempunctata* L. (Coleoptera, Coccinellidae). *Environmental Toxicology and Chemistry* 24: 2045-2054.

Gathmann A. & Tscharntke Teja (2002): Foraging range of solitary bees. *Journal of Animal Ecology* 71: 757-764.

Tscharntke T., Gathmann A. & Steffan-Dewenter I. (1998): Bioindication using trap-nesting bees, wasps, and parasitoids: community structure and interactions. *Journal of Applied Ecology* 35: 708-719.
