

Publications Michael Meissle (10 May 2023)

Peer-reviewed Journals

- Boss, A., Romeis, J. & Meissle, M. (online) Prey-mediated effects of mCry51Aa2-producing cotton on the predatory nontarget bug *Orius majusculus* (Reuter). *Insect Science*. <https://doi.org/10.1111/1744-7917.13143>
- Meissle, M., Waldburger, M., Jeanneret, P., Broggini, G.A.L., Patocchi, A. & Romeis, J. (2023) Insect pollinator monitoring in and around a netted plot of apple trees – biosafety implications for genetically engineered fruit trees. *Agronomy* 13: 84. <https://doi.org/10.3390/agronomy13010084>
- Schlathölder, I., Meissle, M., Boeriis, T., Heimo, D., Studer, B., Broggini, G.A.L., Romeis, J. & Patocchi, A. (2022) No adverse dietary effect of a cisgenic fire blight resistant apple line on the non-target arthropods *Drosophila melanogaster* and *Folsomia candida*. *Ecotoxicology and Environmental Safety* 241: 113749. <https://doi.org/10.1016/j.ecoenv.2022.113749>
- Meissle, M., Naranjo, S.E. & Romeis, J. (2022) Does the growing of Bt maize change abundance or ecological function of non-target animals compared to the growing of non-GM maize? A systematic review. *Environmental Evidence*, 11: 21. <https://doi.org/10.1186/s13750-022-00272-0>
- Meissle, M., Naranjo, S.E. & Romeis, J. (2022) Database of non-target invertebrates recorded in field experiments of genetically engineered Bt maize and corresponding non-Bt maize. *BMC Research Notes* 15: 199. <https://doi.org/10.1186/s13104-022-06021-3>
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- Schlathölder, I., Dalbosco, A., Meissle, M., Knauf, A., Dallemulle, A., Keller, B., Romeis, J., Broggini, G.A.L. & Patocchi, A. (2021) Low Outcrossing from an apple field trial protected with nets. *Agronomy* 11: 1754. <https://doi.org/10.3390/agronomy11091754>
- Chen, Y., Romeis, J. & Meissle, M. (2021) Performance of *Daphnia magna* on flour, leaves, and pollen from different maize lines: Implications for risk assessment of genetically engineered crops. *Ecotoxicology and Environmental Safety* 212: 111967. <https://doi.org/10.1016/j.ecoenv.2021.111967>
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- Meissle, M., Kloos, S. & Romeis, J. (2021) Fate of multiple Bt proteins from stacked Bt maize in the predatory lady beetle *Harmonia axyridis* (Pallas) (Coleoptera: Coccinellidae). *Environmental Pollution* 268: 115421. <https://doi.org/10.1016/j.envpol.2020.115421>
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Non Peer-reviewed Publications

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- Meissle, M. (2023) How to combine innovation and precaution towards more sustainable agriculture – considerations for a new way forward. *IOBC-WPRS Bulletin* 163: 61-68.
- Schlathölder, I., Brogгинi, G.A.L., Meissle, M., Romeis, J., Studer, B. & Patocchi, A. (2021) Multi-level assessment of field-grown cisgenic apple trees. In: Sedlak, J. & Kellerhals, M. (Eds.) *Proceedings of the XV EUCARPIA Symposium on Fruit Breeding and Genetics*. *Acta Horticulturae* 1307: 239-245. <https://doi.org/10.17660/ActaHortic.2021.1307.37>
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Editorial work

- Meissle, M., Middelhoff, U. & Bartsch, D. (Eds.) IOBC-WPRS Working group “Modern Biotechnology in Integrated Plant Production”, Proceedings of the ninth meeting at Berlin (Germany), 28-30 September, 2022. IOBC-WPRS Bulletin 163, 2023.

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