

LIST OF PUBLICATIONS (JÜRIG ENKERLI)

Peer reviewed Research Articles

- Küng N, Boschi S, Widmer F, Enkerli J (2025) Pathogenicity of the Fungus *Beauveria Pseudobassiana* for *Popillia Japonica* Depends on the Developmental Stage of the Insect. *Biological Control* 210: 105887
doi.org/10.1016/j.biocontrol.2025.105887
- Pedrazzini C, Rehner SA, Stewart-Smith F, Boschi S, Widmer F, **Enkerli J** (2025). Partial ecological niche partitioning between *Beauveria brongniartii* and *Beauveria pseudobassiana* entomopathogens at *Melolontha melolontha* infested sites. *Journal of Invertebrate Pathology* 211: 108356
- Graf T, Koch T, Enkerli J, Grabenweger G (2024) How to control nasty scarabs? Effectiveness of the generalist entomopathogenic fungus *Metarhizium brunneum* against garden chafer larvae. *Biological Control* 198: 105625
doi.org/10.1016/j.biocontrol.2024.105625
- Pedrazzini C, Rehner SA, Strasser H, Zemp N, Holderegger R, Widmer F, Enkerli J (2024) Clonal genomic population structure of *Beauveria brongniartii* and *Beauveria pseudobassiana*: Pathogens of the common European cockchafer (*Melolontha melolontha* L.) *Environmental Microbiology*, 26 (4): e166112, DOI: 10.1111/1462-2920.16612
- Pedrazzini C, Strasser H, Zemp N, Holderegger R, Widmer F, **Enkerli J** (2023) Spatial and temporal patterns in the population genomics of the European cockchafer *Melolontha melolontha* in the Alpine region. *Environmental Applications*, 16: 1586-1597, doi.org/10.1111/eva.13588
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- Barzanti GP, **Enkerli J**, Benvenuti C, Strangi A, Mazza G, Torrini G, Simoncini S, Paoli F, Marianelli L (2023) Genetic variability of *Metarhizium* isolates from Northern Italy as a possible resource for *Popillia japonica* natural control. *Journal of Invertebrate Pathology*, 197: 107891, doi.org/10.1016/j.jip.2023.107891
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- Zottele M, Mayerhofer M, Embleton H, **Enkerli J**, Eigner H, Tarasco E, Strasser H (2023) Integrated biological control of the sugar beet weevil *Asproparthenis punctiventris* with the fungus **Metarhizium brunneum**: new application approaches. *Pathogens*, 12: 99, doi.org/10.3390/pathogens12010099
- Zottele M, Mayerhofer J, Embleton H, Wechselberger K, **Enkerli J**, Strasser H (2021) Biological *Diabrotica* Management and Monitoring of *Metarhizium* Diversity in Austrian Maize Fields Following Mass Application of the Entomopathogen *Metarhizium brunneum*. *Applied Sciences*, 11: 9445, doi.org/10.3390/app11209445
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- Fernández-Bravo M, Gschwend F, Mayerhofer J, Hug A, Widmer F, **Enkerli J** (2021). Land-use type drives soil population structures of the entomopathogenic fungal genus *Metarhizium*. *Microorganisms*, 9: 1380, doi.org/10.3390/microorganisms9071380
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Book sections

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Other Research Articles

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- Popp-Embleton H, Zottele M, Enkerli J, Griesser UJ, Strasser H (2025) Exploring fungal formulations and host-pathogen dynamics in *Beauveria* spp. and *Melolontha melolontha* IOBC/wprs Bulletin 176: 21-22
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Ph.D. Thesis (University of Georgia, Athens Ga, USA)

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