



## POST-DOC OPPORTUNITY at the University of Neuchâtel, Switzerland

### ENTOMOLOGIST/NEMATOLOGIST/CHEMICAL ECOLOGIST (80%)

In the context of a newly funded [SOR4D project](#), we will be hiring a post-doc to lead the research at our laboratory in Neuchâtel. Besides the University of Neuchâtel, the research consortium involves scientists at [icipe](#) and [Dudutech](#) in Kenya, as well as [CABI-Switzerland](#). The project focusses on the biological control of the fall armyworm and follows up on the recent development of a gel-based formulation containing entomopathogenic nematodes. The aim is to optimize this novel formulation and to eventually transfer it to full application by farmers throughout Africa.

The successful applicant should have experience with applied entomology, nematology and/or chemical ecology. A strong background in chemistry will be a plus. She or he should be qualified to take on a leadership role in the highly collaborative project. The work requires extensive traveling and fieldwork.

#### Related literature:

Fallet, P., et al. (2022). Comparative screening of Mexican, Rwandan and commercial entomopathogenic nematodes to be used against invasive fall armyworm, *Spodoptera frugiperda*. *Insects* 13: 205

<https://doi.org/10.3390/insects13020205>

Fallet P., et al. (2022). Laboratory and field trials reveal the potential of a gel formulation of entomopathogenic nematodes for the biological control of fall armyworm caterpillars (*Spodoptera frugiperda*). *Biological Control* 176 <https://doi.org/10.1016/j.biocontrol.2022.105086>

The position is available starting summer 2024. Apply by sending a brief statement of interest and your CV (with publication list and the names of three references) by email to Prof. Ted Turlings ([ted.turlings@unine.ch](mailto:ted.turlings@unine.ch)). He can also provide further details on the project.

Deadline for applications: April 19, 2024