

# Permanent position in Chemical Ecology of Agricultural Crops

Aarhus University, Department of Agroecology, DK-4200 Slagelse, Denmark

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**Application Deadline:** Nov 21, 2023

**Start date:** March 1<sup>st</sup> 2024 or as soon as possible thereafter

**Website:** <https://international.au.dk/about/profile/vacant-positions/job/tenure-track-assistant-professor-or-associate-professor-in-chemical-ecology-of-agricultural-crops>

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## Qualifications

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Besides the formal requirements for either a tenure track assistant professor or associated professor, you must:

- Hold a PhD in chemical ecology, biochemistry, natural product chemistry, agroecology, biology or similar
- Document experience in scientific writing with several papers in high-quality journals or other high-quality publication channels
- Provide a 2-3 page plan for research over the next 3-5 years within focused parts of the research area and have a clear potential to perform ground-breaking research as well as attract external funding
- Have proven International research collaborations (e.g. joint papers and applications)
- Be dedicated and possess the ability to collaborate and build relationships

Further, we will prefer candidates with some of the following qualifications:

- Experience in planning and conducting advanced laboratory work within 'chemistry behind biology'
  - Have experience in the use of mass spectrometry techniques including high and low resolution LC-MS.
  - Experience in biological interpretation of mass spectrometry-based metabolomics data
  - Applicants with a background in other areas of chemical ecology with an interest in amplifying his/her research area to plant-plant or plant-soil interaction are most welcome
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## Description

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You will be part of a well-established research environment on the natural chemistry behind agroecological processes. You will be contributing specifically to plant-plant interaction and plant-soil interaction. The main focus of your position will be to elucidate the mechanisms behind the uptake, transport, transformation, translocation, and effects of natural chemicals in plants and soil biota. You will be able to strengthen your scientific profile according to your interests and will have excellent opportunities for establishing interdisciplinary research activities with other scientists in the Dept. of Agroecology and with external collaborators. Your future research activities in this position are crucial for exploiting the presence of natural chemicals in agricultural crops and thereby supporting the green transition.

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## Application Materials

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Please go to <https://au.career.emply.com/apply/tenure-track-assistant-professor-or-associate-professor-in-chemical-ecology-of-ag/jfsurv/en> and follow the instructions.

Further questions to:

Professor Inge S. Fomsgaard: Homepage: <https://pure.au.dk/portal/en/inge.fomsgaard@agro.au.dk>

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