

INSECT DOCTORS

Educating tomorrow's insect pathologists to solve problems caused by diseases in the insect-rearing industry

Background

INSECT DOCTORS is an innovative new European Joint Doctoral Programme (EJD) funded in the framework of the H2020 Marie Skłodowska-Curie ITN programme.

The INSECT DOCTORS network will train promising young scientists to develop the knowledge, technical skills and tools to diagnose and manage infectious disease problems in commercial insect production systems.

The programme is based on close interaction between the academic and industrial sectors.



PhD projects on offer

(for recruitment see overleaf)

The research will be divided over three science themes and each will consist of 5 PhD projects.

Pathogen-insect host interactions

(PhD projects 1-5):

Discovering interactions between pathogens and insect hosts, and determining abiotic and biotic triggers for disease outbreaks.

Covert infections and pathogen detection

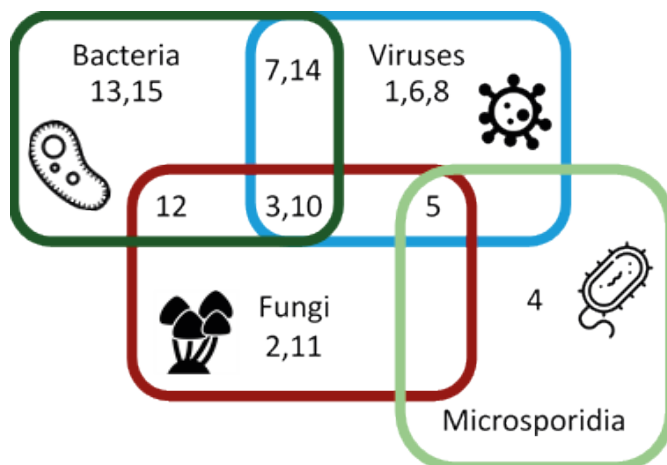
(PhD projects 6-10):

Understanding the molecular mechanisms behind latency / persistence (covert infections) and how to discover / detect pathogens to prevent disease outbreaks.

Increasing insect resistance against pathogens

(PhD projects 11-15):

Focussing on the interactions between pathogens and the insect microbiome and how nutritional adaptations can increase fitness of reared insects.



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Recruitment

We want the academic community to encourage talented M.Sc. students to apply.

Recruitment process starts end of November 2019.

Students should be available to start 01 May 2020.

The different PhD projects will be published on:

- The Euraxess site [<https://euraxess.ec.europa.eu/jobs>]
- The National Academic Transfer Platforms
- Nature Jobs
- On individual Beneficiary and Partners websites
- Through twitter (when we have an account)

For further information



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@MSCActions
#MSCAjobalert



Marie Skłodowska-Curie Actions
<https://ec.europa.eu/research/mariecurieactions/>

If you wish to receive further information on recruitment or updates on the programme please contact the Co-ordinator or Communication and Dissemination Lead.



Helen Hesketh (Communication and Dissemination Lead)
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Beneficiaries

(= Universities hiring the students)

- Wageningen University*
- University of Copenhagen*
- Centre National de la Recherche Scientifique*
- University Valencia*
- National Institute for Agricultural Research
- University of Exeter*
- UK Centre for Ecology & Hydrology
- Julius Kühn Institute

* *Dual Degree Awarding Universities*

Partners

- University of Leeds*
- Grande École AgroParis Tech*
- Tours University*
- Technical University of Darmstadt*
- Food and Agriculture Organisation (FAO)
- Koppert BV
- Proti-Farm R&D BV
- YNSECT
- Entec Nutrition Ltd.
- Université Paris-Saclay

