

Vacature

Vacature	18-677 Postdoctoral researcher Plant molecular biology
Publicatiedatum	08/11/2018
Sluitingsdatum	30/11/2018
Organisatieonderdeel	IBED - Institute for Biodiversity and Ecosystem Dynamics
Opleidingsniveau	
Funcieomvang (uren per week)	38
Salarisrange (bruto per maand)	€ 2,640 to € 3,677 in year one
Vacaturenummer	18-677
Functietitel voor publicatie	
Vacaturetype	Postdoc / WP staf zonder ref. ENG

Verberg vacaturetekst

Inleidende tekst	This project consists of a collaboration between the two biology institutes at the Faculty of Science of the University of Amsterdam (UvA): the Institute of Biodiversity and Ecosystem Dynamics (IBED) and the Swammerdam Institute for Life Sciences (SILS). Together these institutes work to understand the functioning and dynamics in biological systems at all relevant levels, from genes to ecosystems, using a truly multidisciplinary approach in a wide range of fundamental and applied projects. The research groups Plant Physiology (SILS) and Molecular and Chemical Ecology (IBED) investigate, inter alia, plant-herbivore interactions. In this context we are seeking for a Postdoctoral researcher for the project SuperPests funded by the EU with several European partners.
Werkzaamheden / projectomschrijving	Whitefly (<i>Bemisia tabaci</i>) pests and subsequent transmission of viruses causes serious losses in the production of crops and in horticulture. As a result of legislation that requires reduced pesticide use, resistance to whitefly has become one of the most important breeding goals in vegetable crops. During the last years it has become clear that whiteflies can suppress part of the natural defenses of plants. Sap feeders such as whitefly and aphids secrete saliva into leaf tissue. These salivary secretions contain so-called 'effectors' that manipulate important steps in the plant's molecular defense network. Breeders can restore resistance by targeting these molecular Achilles heels. This project is aimed at identifying effectors from whitefly and the vegetable proteins with which they interact with proteomics and interaction assays.
Profiel	You should have a PhD in plant molecular biology or molecular phytopathology and preferentially have experience with protein affinity assays, proteomics, VIGS and plant transformation. Experience with 'effectors' and/or with whiteflies is appreciated. You should have excellent communication skills, be willing to supervise students and be keen to work in collaboration with our EU partners.
Inlichtingen	Dr Robert Schuurink T: +31 (0)20 525 7933 Dr Merijn Kant T: +31 (0)20 525 7793
Aanstelling	The appointment will be on a temporary basis for a period of one year. After satisfactory evaluation it will be extended with two more years to a total duration of three years. Based on a full-time appointment (38 hours per week) the gross monthly salary in the first year will range from €2,640 to a maximum of €3,677 in year one (scale 10.8) and a maximum of €4,033 in year three (scale 10.10), depending on the number of years of relevant experience. The salary will be supplemented with 8 % holiday allowance and 8.3 % end-of-year bonus. The Collective Labour Agreement of Dutch Universities is applicable.
Sollicitatieprocedure	The UvA is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We value a spirit of enquiry and endurance, provide the space to keep asking questions and cherish a diverse atmosphere of curiosity and creativity. Due to limitations in recruitment budget we will only consider candidates that are currently in Europe. Please do not respond if you are not in this continent. You may apply using the link below. Applications must include a curriculum vitae and a letter of motivation. Please combine these documents in one single attachment and also mention the months (not just years) in your CV when referring to your education and work experience. Applications will be accepted until ultimately at 30 November 2018. #LI-DNP No agencies please