The Professorship for Insect Biotechnology in Plant Protection (Prof. Dr. Marc Schetelig), Institute for Insect Biotechnology, Faculty of Agricultural Sciences, Nutritional Sciences and Environmental Management, is inviting applications for a

**PhD position (50%)**

starting as soon as possible for the duration of three years. In agreement with the current legislation the position is remunerated according to "Entgeltgruppe 13 Tarifvertrag Hessen (TV-H)".

Scientific employees are – unless the allowed maximum duration of a temporary employment is not exceeded – generally employed for the initial duration of 3 years with the with a possibility of prolongation for additional 2 years, if the above mentioned requirements are fulfilled.

**Your duties:**

Own scientific training; university didactic qualification; scientific services in research and teaching according to § 65 HHG. Cooperation in research projects to combat mosquitoes and agricultural pests; Breeding of various agricultural and mosquito species; Development and assessment of new methods insect control strategies; Development of pest control methods via RNA interference and population control; Support of students, classes and collaboration with technical staff; Patenting / publication of the research results in recognized scientific journals.

**Your profile:**

You have a completed academic university degree in biology, molecular biology, genetics or a comparable scientific field, with proven practical laboratory experience. You also have very good theoretical knowledge of technologies such as RNA interference, Next-Generation Sequencing, homologous recombination, CRISPR, and transgenesis and very good theoretical knowledge and practical skills in molecular biology methods and techniques. Experience with insect rearing and fluorescence microscopy is desirable, experience in dealing with genome databases and database searches is an advantage and good knowledge in statistics are required. Due to the international research environment, very good knowledge of English is essential both in spoken and written English. Good knowledge of German is required for your teaching activities according to the “Lehrverpflichtungsverordnung Hessen”. You are highly self-motivated, reliable and responsible.

The Justus Liebig University of Giessen aims at a higher proportion of women in the field of science; therefore, we strongly encourage qualified scientists to apply. The Justus Liebig University Giessen sees itself as a family-friendly university. Applicants with children are welcome.

Please send your application (no e-mail) until **12.05.2017** including the application number 282/07418/09 to the President of Justus Liebig University Giessen, Erwin-Stein-Gebäude, Goethestrasse 58, 35390 Giessen, Germany. Please send any questions to biocontrol@agrar.uni-giessen.de. Applications from severely handicapped persons with the same suitability as others are preferred. We ask that applications are submitted only in duplicate, since the documents will not be returned after completion of the procedure.