The Department of Plant Cell Biology at the Schwann-Schleiden Research Center for Molecular Cell Biology, University of Göttingen offers a **PhD position in Plant-Microbe Interaction Biology / Plant Immune Signaling**

The position is available for three years (EG 13 TV-L (50%) on the German pay scale; the appointment level reflecting qualifications and experience. We are looking to fill the position at the earliest possible date.

The department headed by Prof. Volker Lipka is interested in the molecular dissection of mechanisms that control activation of defense in the plant model *Arabidopsis thaliana* (e.g. Petutschnig et al., 2014, New Phytol. 204(4):955-67) and the analysis of executive defense mechanisms that contribute to resistance against fungal pathogens (e.g. Fuchs et al. 2016, Plant Cell 28: 130-145). We are looking for a highly motivated new team member interested in elucidating the molecular mechanisms that control cell death execution and containment.

The successful applicant will conduct experiments using a wide range of methods in biochemistry and cell biology such as pathogen infection experiments, genetic analyses, next generation sequencing, molecular cloning and mutagenesis, plant transformation, biochemical techniques for characterization of proteins, subcellular fractionation and cell biological methods such as confocal laser scanning microscopy.

Applicants are expected to hold a very good Master/Diploma degree in Biology or Biochemistry and to be highly proficient in spoken and written English. We are looking for a highly motivated new team member with a strong interest in plant biology. Basic experience in plant molecular biology or cell biology is a plus. Applicants should submit a letter of motivation, a resume with publication list, and names and addresses of three references.

We offer a stimulating scientific environment in a lab with state of the art equipment, as well as an international and collaborative research team. Our lab is located within the Schwann-Schleiden Research Center for Molecular Cell Biology at the North Campus of Göttingen University.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. Disabled persons with equivalent aptitude for the position will be favored.

Please send your formal application as a single PDF-document, quoting reference number VL1-2016 by e-mail to Anja.Auspurg@biologie.uni-goettingen.de or by post to z.Hd. Anja Auspurg, Georg-August-University Göttingen, Schwann-Schleiden Research Center for Molecular Cell Biology, Department of Plant Cell Biology, Julia-Lermontowa-Weg 3, D-37077 Göttingen. The closing date is 31 July 2016.

Informal enquiries about the position are encouraged via vlipka@gwdg.de (website http://www.uni-goettingen.de/de/33181.html).