



The Leibniz-Institute of Vegetable and Ornamental Crops (IGZ) with stations in Großbeeren (close to Berlin) and Erfurt is an institute of the Leibniz association (WGL). The IGZ conducts strategic research to promote sustainable production of vegetable and ornamental crops and contributes to protection of natural resources and to generation of high quality vegetable products.

We are looking for a

**Scientist for the Research Area "Root-Fungus Interactions"**  
**Reference number: 09/2015/PV**

The salary will be based on qualification and research experience according to the wage agreement TV-L, salary domain east, up to EG 13 (100% of the regular working time). Employment will be initially for two years.

**Tasks:**

- functional analysis of mutualistic root-fungus interactions (e.g. mycorrhiza)
- establishment of experimental systems (e.g. root organ cultures, plant transformation)
- use of molecular biological methods (e.g. cloning, expression analyses)
- assessment of data bases (genomics, transcriptomics)
- publishing of research results and acquisition of research funds
- supervision of students

**Skills and requirements:**

- an excellent PhD in the field of plant-microbe interactions
- detailed knowledge in molecular plant physiology and/or molecular mycology
- publications in international journals
- willingness to supervise undergraduate and graduate students
- the ability to work in a team
- very good communication skills in German and English language

**We offer**

- a demanding job in applied plant sciences
- an attractive workplace with high quality facilities in Erfurt

The application can contain a brief outline (not more than two pages) on a research topic in the field of root-fungus interactions that the applicant would like to carry out at the IGZ.

More information to the IGZ can be obtained at [www.igzev.de](http://www.igzev.de). For further inquiries, please contact Philipp Franken ([franken@igzev.de](mailto:franken@igzev.de); ++49(0)36201 785 217; [www.igzev.de](http://www.igzev.de)).

IGZ is an equal opportunity employer. Handicapped people with equal qualifications will be employed preferentially. Please indicate severe disability already in your application.

Please send your application citing the reference number by 6.5.2015 to: Personalbüro, Institute for Vegetable and Ornamental Crops, Theodor-Echtermeyer-Weg 1, D-14979 Großbeeren or online in pdf-format to [personal@igzev.de](mailto:personal@igzev.de). Applications can only be sent back if supplied with postage.