

## FORM FOR EMPLOYERS

INSTITUTION: Institute of Plant Genetics of the Polish Academy of Sciences (IPG PAS)

CITY: Poznań, Poland

POSITION: PhD student type

DISCIPLINE: Molecular Plant and Fungal Biology

POSTED: **March 15, 2018**

EXPIRES: **May 14, 2018**

SALARY: 3000 PLN (fellowship) - ca 715 EUR

WEBSITE: <http://www.igr.poznan.pl/pl/ogloszenia/praca>

KEY WORDS: lytic enzymes, *Fusarium*, plant-pathogen interaction, gene expression profiling, pea (*Pisum sativum* L.), metabolomics

### DESCRIPTION

**Place of employment:** Department of Pathogen Genetics and Plant Resistance, Plant-Microorganism Interaction Team

**Supervisor:** Łukasz Stępień, Ph.D.

**Goals of employment:** Three-year PhD study of the *Fusarium* infection of susceptible and resistant pea cultivars, designed for the OPUS13 project, NCN 2017/25/B/NZ9/01210: "Functions of *Fusarium*-produced lytic enzymes and mycotoxins in pathogenesis and of metabolites responsible for plant defence response". Duration: 2018-2021. The successful candidate will actively participate in conference and seminar presentations based on results obtained during the project, cooperation with national and foreign teams, participation in preparation of articles for peer-reviewed high impact journals.

**Qualifications:** The successful candidate should hold M.Sc. degree in Biology, Biochemistry, Biology, Agronomy, or other domains of Life Sciences. Candidates with experience in plant molecular biology will be preferred. The PhD student should demonstrate capacity to work in a team, and curiosity and interest to face new challenges, to solve scientific problems and interpret results, and also writing skills. Availability for travel and work for short periods in other Polish and non-Polish laboratories and knowledge of English will be required.

**Duties:** Conducting and discussing research, public presentation of research in leading journals and on scientific and professional conferences, involvement in international and domestic cooperation with academic and industrial partners. Elaboration of periodic reports and PhD thesis presentation based on the results obtained during the project.

Participation in activities related to the doctoral thesis (*e.g.* Inscription in the doctoral School, participation in seminars and workshops, etc.) and other Institute and Department activities and initiatives, in agreement with the rules of the IPG PAS.

**Benefits:** Employment at the IPG PAS will be in the form of fellowship of 36 months. Term of an employment contract will be agreed with the successful candidate. Insurance and health care is provided by Unit organizing PhD study.

### Benefits:

Employment at the IPG PAS will be in the form of a temporary job contract, of 36 months for the lifespan of the OPUS project. Term of an employment contract will be agreed with the successful candidate. The payment will include insurance and health care, in agreement with the rules of Polish legislation.

### The application must contain the following statement:

*"I hereby give consent for my personal data included in my offer to be processed for the purposes of recruitment, in accordance with the Personal Data Protection Act dated August,*

29,1997 (uniform text: *Journal of Laws of the Republic of Poland* 2014 item 1182 with further amendments)".

The application should contain the full set of documents (1 pdf or doc file), which should be sent by email entitled "OPUS 13 PhD student fellowship" to the HR Department <mailto:kadry@igr.poznan.pl> with the copy to <mailto:lste@igr.poznan.pl> or by mail to the address: Institute of Plant Genetics PAS, Strzeszyńska 34, 60-479 Poznań. The selected candidates may be invited for an interview (in IPG PAS).

#### **Documents required:**

1. Cover letter;
2. Detailed CV including in particular: a list of published papers, participation in projects; conference communications and other scientific activities;
3. Detailed list of grades with copy/copies of the diploma(s).
4. Motivation letter and self-presentation describing the academic/professional career of the candidate and documenting the fulfilment of skill requirements pertaining to the position;

**Announcement of the results:** No later than 1 month after the deadline for applications.

#### **General information**

Poznań has 550 thous. inhabitants. It is one of the biggest cities in Poland, with a large academic centre with numerous universities and research institutes. It is located 300 km westwards from Warszawa (Warsaw), the capital of Poland, and 300 km eastwards from Berlin, the capital of Germany. The city is visited by many foreigners participating in numerous fairs organized at the Poznan International Fair Grounds, as well as students, researchers, businessmen, and tourists. The city is friendly and safe. A great number of students makes it lively and full of various events. The city is convenient to work in and to spend leisure time, due to its beautiful surroundings (Wielkopolski National Park with its forests and lakes).

**Poznań is one of the largest plant science centres** in Poland with universities and numerous scientific institutes and research centres hosting annually over 130 thous. students. The Institute of Plant Genetics in Poznan has a strong tradition of research on theoretical and applied aspects of plant biology as well as molecular plant pathology. Our scientific activity encompasses wide array of scientific disciplines like cytogenetics, metabolomics, molecular biology and bioinformatics.

The Institute of Plant Genetics PAS is located at Strzeszyńska 34, Poznań, Poland. To learn more about the Institute and its current departments please visit the Institute's website: [www.igr.poznan.pl/en/home](http://www.igr.poznan.pl/en/home)

#### **Contact address for supplementary information:**

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