



Post-doc position is available in NCN funded project (OPUS grant) to study molecular plant-microbe interactions.

Project title: *“Role of a protein kinase-like effector HopBF1 in virulence of bacterial pathogens”*

Institution: Laboratory of Plant Pathogenesis, Institute of Biochemistry and Biophysics, PAS, Warsaw

Maximum period of position agreement: 36 months

Position starts on: January/February 2018

HopBF1 is an effector of *Pseudomonas syringae* that interferes with host defense system. Our bioinformatics analyses, allowed us to propose that HopBF1 is the founding member of a novel protein kinase family of atypical structure. Preliminary experiments show that HopBF1 exerts kinase activity and undergoes autophosphorylation. The major goal of the project is to identify the components of the plant defense system that are modified by HopBF1, and in collaboration with Dr. Tagliabracci's (Univ. Texas Southwestern, USA) research group, to characterize HopBF1 kinase activity.

Candidates Profile:

- Candidates should hold a PhD with relevant experience in the field of molecular genetics or biochemistry and in particular practical experience in plant biology, protein biochemistry or microbiology.
- scientific achievements including publications in recognized international scientific journals
- excellent teamwork, time management and organizational skills
- fluent in English written and spoken

Applicants should provide the following documents in a single pdf file:

- curriculum vitae incl. a list of publications and expertise
- a motivation letter
- a copy of PhD diploma
- contact addresses of two referees

Applications in English or in Polish should be sent to dr. Magda Krzymowska krzyna@ibb.waw.pl.

Closing date: 10.01.2018

Selected applicants will be invited for an interview.