



P.N. 10306 / 16-11-2017

**One (1) Postdoctoral Researcher Position**  
[Ref # ESO-0061]

The *Plant Biotechnology and Microbiology* Lab of IMBB (PI: Panos Sarris) invites applications for one (1) Postdoctoral position.

**Info about the project:** The overall objective of the project is to study the molecular mechanisms underlying the plant NLR immune receptors function upon the recognition of specific pathogen effector proteins and the activation of the innate immune system in resistant plants.

**Position Description:** The selected applicant will be actively involved in the analysis of the recognition capacity of specific plant NLR (former NB-LRR) immune receptors for the recognition of selected microbial effector proteins and the activation of the hypersensitive programmed cell-death response (HR) in resistant plants. S/he will be involved in NLR gene cloning, transient expression and protein-protein interaction assays, BiFC, Y2H and *in-planta* functional screenings. In some cases to combine all these into new pipelines and workflows to be shared among the members of the group improving the reproducibility of the analysis. Proven record of skills in gene cloning, biochemical techniques (co-IPs, etc.), Y2H, and ability to collaborate in a team is necessary.

**Qualifications:** PhD Biology / Molecular Biology / Biochemistry / related fields, as specified. Excellent knowledge of English. Good knowledge of Greek.

**Contract Duration:** 12 months, renewable up to 24 based on the program's needs.

**Salary:** 2.100,00 € monthly cost (including taxes and social security contributions)

**Envisaged starting date:** February 1, 2018

**Application submission:** Interested candidates should submit their application electronically by **December 15<sup>th</sup> 2017 @ 13.00.**

**The application should consist of:**

1. CV
2. Brief statement of interest
3. The names of two referees

**Evaluation procedure**

Applications will be evaluated by a three-member evaluation committee. In case of interview procedure, candidates will be invited to participate in person or teleconference.

The announcement of the results will be posted on the website of FORTH-IMBB.

The selected candidate will be notified personally regarding the success of his/her application and will be requested to submit certified copies of his/her degrees. In the event that the documents submitted do not agree with the original application the candidate will be dismissed.

**Information and submission of applications:**

Panos Sarris, Email: [p.sarris@imbb.forth.gr](mailto:p.sarris@imbb.forth.gr) and Vasiliki Michalopoulou, Email: [grad831@edu.biology.uoc.gr](mailto:grad831@edu.biology.uoc.gr)