

Postdoctoral fellow position, Necrosis: "Aristeia" project on necrotic cell death mechanisms and ageing-associated neurodegeneration

Date Posted Thursday, 8 August 2013

Location Heraklion, Crete, Greece

Institute Information Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology-Hellas
N. Plastira 100
Vassilika Vouton
Heraklion, 70013
Website: <http://www.elegans.gr/>

Job Description Postdoctoral associate will be part of the ARISTEIA/Necrosis project. The central aim of this project is to provide a comprehensive delineation of the cellular and molecular mechanisms mediating necrotic cell death in precisely-defined model of neurodegeneration. To achieve this goal, we will implement a multidisciplinary approach that combines nematode genetics and genomics, molecular biology and biochemical methodologies with state-of-the-art in vivo neuronal imaging technology. We will also investigate the evolutionary conservation of necrotic mechanisms characterized in the nematode by extending our analysis to include mammalian cell-culture models of necrosis. Together, these studies will advance our understanding of the molecular and physiological requirements for necrotic cell death. Furthermore, we will obtain critical insights relevant to the biochemical events that transpire during neurodegeneration. towards developing emergent intervention Such findings could be effectively utilized strategies, in an effort to battle numerous pathological conditions in humans.

Qualification Applicants should have a PhD (or be in the final stages of completing one) in a relevant discipline, and at least some of the following attributes: training in molecular biology and genetics; knowledge of the stem cell or ageing research fields, neurobiology and/or C.elegans genetics, a strong publication record, creativity and good interpersonal skills. Applicants should be highly motivated with an open and organized mind.

Compensation 2.275€/ month, for 2 years

How to Apply To apply, please forward by email the curriculum vitae, a motivation letter and university certificates to the address shown below. Two letters of recommendation should also be sent directly by referees.

Prof. Nektarios Tavernarakis
Institute of Molecular Biology and Biotechnology, Foundation for
Research and Technology-Hellas
N. Plastira 100, Vassilika Vouton, PO Box 1385, Heraklion 70013,
Crete, GREECE
tel: +30 2810 391066 | fax: +30 2810 391067, eMail:
tavernarakis@imbb.forth.gr & lab@elegans.gr

**Application
deadline**

20 September 2013

**Supervisor/
Principal
Investigator**

Nektarios Tavernarakis

Contact Info

Mrs. Angela Pasparaki
Contact Phone: +30 2810 391064
Contact Email: lab@elegans.gr