



P.N. 9216

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### Seven (7) PhD Studentship Positions

[Ref #ORZ-0033]

The research group of Neurogenetics and Aging of IMBB under the European Program **H2020-ERC-2015-GA695190**, entitled: "MacroAutophagy and Necrotic Neurodegeneration in Ageing- **MANNA**" (Program Coordinator Prof. N.Tavernarakis) invites applications for seven (7) PhD studentship positions with documented expertise in nematode genetics.

**Description:** Genetic and molecular dissection of the role of organelle-specific autophagy in ageing-associated neurodegeneration. In details:

**Position 1:** The successful candidate will develop new or define existing approaches for the investigation of the molecular ageing pathway in *C.elegans*.

**Position 2:** The successful candidate will develop new or define existing approaches for the investigation of the molecular mechanism of hypoxia in *C.elegans*.

**Position 3:** The successful candidate will deal with the study of physical and/or functional interactions of mitochondria and how this is involved in the regulation of neurodegenerative processes and ageing in *C.elegans*.

**Position 4:** The successful candidate will deal with the study of the involvement of the transcription process of the mitochondrial genome in aging and neurodegeneration in the nematode *C.elegans*.

**Position 5:** The successful candidate will deal with the role of selective autophagy and DNA damage in neurodegeneration and aging in *C. elegans*.

**Position 6:** The successful candidate will develop new or define existing approaches to study the role of degenerins in stress response in *C.elegans*.

**Position 7:** The successful candidate will deal with the role and the interactions of peroxisomes in *C. elegans*.

**Qualifications:** MSc in Biology and prior documented experience on nematode genetics. Fluency in English is required.

**Contract Duration:** 12 months, renewable based on the program's needs

**Total budget:** 900 € per month per position

**Envisaged starting date:** April 1, 2017

**Application submission:** Interested candidates should submit their application electronically by **February 20, 2017 @ 17:00**.

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**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.

This publication confers the right to object to the results within 5 working days of the date of the results announcement.

The selected candidates 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**

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**European  
Commission**

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