



P.N. 10169 - 3/10/2017

One (1) PhD and two (2) MSc Fellowships

[Ref#ORZ-0052]

The research group of Biosensors of IMBB under the European Program

- **H2020-FETOPEN-1-2016-2017-GA737212**, entitled: "Capturing non-Amplified Tumor Circulating DNA with Ultra-sound Hydrodynamics– **CATCH-U-DNA**"

coordinated by Prof. E. Gizeli, invites applications for one (1) PhD and two (2) MSc Fellowships.

Positions Description

PhD Fellowship: Development of protocols for circulating tumor DNA enrichment in real samples and subsequent acoustic detection

MSc Fellowship 1: Use of liposomes to develop a model surface-bilayer for tethering protein biomolecules with application to biosensors

MSc Fellowship 2: Design and development of an integrated platform together with protocols for the detection of tumor DNA in blood and serum

Qualifications:

PhD Fellowship: BSc and MSc in biology/molecular biology/biotechnology; demonstrated lab experience in point-of-care and/or biosensing. Excellent knowledge of Greek and English is necessary.

MSc Fellowship: BSc in biology/molecular biology/agriculture/biotechnology/life sciences; ideally with lab experience in molecular biology and/or biosensing. Excellent knowledge of Greek and English is necessary.

Contract Duration: 9 months, renewable based on the program's needs

Total budget:

PhD Fellowship: 300€ per month

MSc Fellowship: 540€ per month

Envisaged starting date: 1 December 2017

Application submission: Interested candidates should submit their application electronically by **October 20, 2017 @ 13:00**.

The application should consist of:

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

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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

Electra Gizeli

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