



Gdańsk, 15.11.2012

### **Fellowships for a PhD students in the project:**

**"Pre-clinical targeting of PI3K/Akt/mTOR and RAF/MEK/ERK signaling pathways in adrenocortical cancer: impact on steroidogenesis, cell proliferation and apoptosis".**

### **Information for the candidates (position R1)**

The competition is opened to any enthusiastic and dedicated researcher interested in the highest quality research, team work and international cooperation. The researcher will be given an opportunity to spend 6-18 months in the best laboratories in London, UK. She/he will be invited to present her/his work during national and international congresses, and will be supported in writing/publishing papers (reviews and original papers). Her/his English has to be fluent.

This researcher will undertake his/her PhD under Dr hab. med. Dorota Dworakowska's supervision and will get off any charges a PhD student status at Medical University of Gdansk, Poland. The beginning of studies is planned for January 2013, with the view of PhD's thesis defences in April-June 2015.

The fellowship/stipend (3000 PLZ/750 EURO per month) is available from Foundation for Polish Science and European Union in the frame of the Bridge grant for this PhD students to support him/her during the period of active laboratory activity planned for 24 months. Information about program "Bridge" is available on the Foundation of Polish Science website (<http://www.fnp.org.pl>).

It is important that the candidate considers his/her financial situation carefully before applying for this fellowship in order to be able to plan ahead leaving costs in London. Some financial help might be offered towards the costs of accommodation during stay in London. This money however will be taken from the research grant and therefore may not be available immediately, and will require obtaining appropriate documentation including invoices.

### **Person specification**

A researcher with a university degree in biology/biotechnology without PhD.

This post is designed for a biologist/biotechnologist willing to extend his/her already established experience in cell culture and primary tumour culture including assessment of proliferation (MTT assay) and apoptosis (flow cytometry). The researcher will be also involved in assessment of expression profile of PI3K/Akt/mTOR and RAF/MEK/ERK signalling pathways (pre-designed PCR array, qRT-PCR) as well as expression profile of genes involved in steroidogenesis (customer designed PCR array, qRT-PCT). Good statistical knowledge and experience in molecular techniques will be required. If successful, the candidate will finish the project with PhD degree. PhD student will be also actively involved in collection of tumour samples, writing papers and will be cooperating with other members of the team.



## **Essential documentation**

1. CV
2. Employment record
3. Research record (national and international)
4. List of publications and abstracts
5. Letters from 3 referees, ideally one from abroad (The committee may contact referees)
6. Candidate's statement why he/she wants to be involved in this project
7. List of national/international fellowships and awards
8. List of grant application
9. Copy of all degrees and diplomas will be required.

## **Official language of all documentation and during the interview is English**

The initial assessment (short-listing process) will be based on submitted documentation, with **the closing date of submission of 10<sup>th</sup> of December 2012**. Selected candidates will be invited for the interview which will take place at Medical University of Gdansk, Poland between 17-21<sup>st</sup> December 2012 (exact date to be confirmed based on panel availability).

### **Principal Investigator:**

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