
JOB OFFER – *PhD Student*

A PhD student research position is available to participate in a research, that has been designed to define the role of SexH in regulating the biology of lung cancer cells and provide important new insights into the mechanism by which this occurs

Project Title:

The role of pituitary sex hormones in pathogenesis and progression of human lung cancer

Project Background:

Growing evidence accumulates that pituitary sex hormones (SexH) play an important role in development and progression of several malignancies arising in gonads, urogenital track and breast. Interestingly, as we have recently demonstrated pituitary SexH are also involved in progression of malignancies originating in skeletal muscles and hemato/lymphohematopoietic tissues. To support this notion evidence indicates that pituitary SexH such as follicle stimulating hormone (FSH), luteinizing hormone (LH) and prolactin (PRL) are potent mitogens. Furthermore, the level of FSH increases with age as result of age-related gradual dysfunction of gonads. This age-related increase as postulated could explain increase of some malignancies including lung cancer in aged population. To support this, in fact a level of pituitary SexH in circulating blood has been demonstrated to be enhanced in lung cancer patients. Moreover, our preliminary data indicate that LC cells express functional pituitary SexH receptors. Based on these observations the main hypothesis of this proposal is that pituitary SexH may play an important and still somehow underappreciated role in pathogenesis of lung cancer and to shed more light on a role of SexH in lung cancer

I am looking for a highly motivated person to participate as a PhD student within scientific project at the Warsaw Medical University at Department of Regenerative Medicine

Supervisors: Magdalena Kucia, PhD, DSc

Type of employment relationship: Contact of mandate

Employing entity: Warsaw Medical University, Department of Regenerative Medicine, Warsaw

Application deadline: 15th March, 2017

Expected start date: April/May 2017

Duration: 30-month position

Salary: to be discussed

Eligibility:

A suitable applicant should have the following qualifications:

1. MS degree in Biology or Biotechnology
2. Basic previous experience in at least two of the following cellular/molecular biology techniques: PCR, qRT-PCR, western-blotting, ELISA chromatin immunoprecipitation, flow cytometry, western blott, imaging
3. Academic background in cell biology, molecular biology, and/or genetics.
4. The candidate is required to have knowledge of cancer cell biology
5. Good knowledge of English
6. Strong interest in science

How to apply:

Please send:

1. Letter of interest
2. CV
3. Publication list
4. Photo
5. Contact details of 2-4 potential referees

to: ***mjkuci01@louisville.edu***

All documents should be sent as PDF files.

The e-mail heading should be: „**PhD student – Opus grant**”.

Please provide also the statement that you grant us a permission to process your personal details for the recruitment process:

"Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w zgłoszeniu dla potrzeb rekrutacji, zgodnie z ustawą z dnia 29 sierpnia 1997 roku o ochronie danych osobowych. (Dz. U. z 2002 r. Nr 101, poz. 926 z późn. zm.)"

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