

**Two PhD student positions in molecular biology available from January, 2018 in the group of Damian Graczyk at the Institute of Biophysics and Biochemistry, Polish Academy of Sciences, Warsaw, Poland.**

Two PhD students are sought to work in a young, developing team focused on the regulation of RNA polymerase III transcription and its role in mammalian cell physiology. We are studying the impact of transcriptional misregulation in pathological conditions such as cancer. The current project, funded by the **Foundation for Polish Science First TEAM** programme, aims to decipher the role of RNA polymerase III in colorectal cancer. We will use genetic, biochemical and genomic approaches to determine how increased RNA polymerase III activity contributes to tumorigenic properties of colorectal cancer cells both *in vitro* and *in vivo*.

## **Requirements**

The successful applicant will:

- hold MSc degree (or equivalent) in Molecular Biology, Biochemistry or Cell Biology or will be close to obtain it (no later than December 2017);
- join the School of Molecular Biology at our Institute;
- be enthusiastic, capable of working both within a team and, at least partially, independently;
- have good communication and interpersonal skills and fluency in spoken and written English;
- have basic molecular biology skills such as plasmid DNA manipulation, agarose gel electrophoresis, PAGE, Western blotting;
- be well organized, eager to learn new techniques and ready to assimilate literature of the field.

Not mandatory but beneficial skills will be:

- experience in RNA manipulation,
- experience in culturing mammalian cells,
- basic experience in laboratory animals (mice) handling.

## **Our offer**

- Work in young, developing team in a perfectly equipped institute.
- Opportunity to learn new techniques.
- Participation in courses and conferences.
- Competitive three years stipend (3500 PLN net per month) founded by Foundation for Polish Science with a possibility of one year extension.

## **How to apply?**

Send the application to [fteam.dg@gmail.com](mailto:fteam.dg@gmail.com). The title of the e-mail should be "FirstTEAM-PhD".

The application must include:

- Curriculum vitae,
- Motivation letter,
- At least one recommendation letter (ideally from applicant's MSc thesis supervisor) and contact details of the referee/s,
- A list of publications and/or communications (if applicable).

Selected applicants will be invited for an interview and asked to present their MSc thesis work.

**Application deadline: 9<sup>th</sup> November 2017**

Your application **must** also include the following statement: "I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended."



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