PhD position announcement Olaf Thalmann

Liczba stanowisk

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Nazwa jednostki:

Department of Pediatric Gastroenterology and Metabolic Diseases, Poznan University of Medical Sciences

Nazwa stanowiska:

PhD student

Link do strony www jednostki

<http://www.ump.edu.pl>

Wymagania:

-Master’s degree or equivalent in biological or related sciences

-Eligibility for PhD studies in Poland according to the regulations of the NCN has to be fulfilled

-experience in molecular techniques (e.g. DNA extractions, PCR, NGS)

-fluency in written and oral English

-passion for human evolution

-interest & willingness in problem solving (laboratory and computational)

-programming skills are highly welcomed but not a necessity

-curiosity, creativity and engagement

-mobility

Opis zadan:

The candidate is expected to perform the following tasks:

-ancient DNA extraction

-Sequencing library preparation

-ancient genome assembly

-genome analyses (methylation, selection scans)

-drafting of publications and disseminating results

The candidate will be part of a team investigating the following project:

Centuries of research have unraveled the many facets of human’s singularity and with the recent advances in molecular biology we are now to directly link molecular foot­prints with the adaptation to lifestyle changes in the past. One epoch with important alterations in human lifestyle is the Neolithic, where humans transitioned from hunt­ing-gathering to farming, and consequently populations started to increase and modern lifestyle diseases became manifested. Paleo-genomic and -epigenomic tools allow us to assess genetic changes in the past and when applied to contemporaneously existing Neolithic hunter-gatherers and farmers from Sweden, we will be able to elucidate the traces that changes in lifestyle and culture have left in each of the ancient population and deduce their impact on our modern life.

Typ Konkursu NCN

Sonata bis – NZ

Termin skladania ofert:

30.09.2019

Date of settlement:

31.10.2019

Forma składania ofert:

Email

Warunki zatrudnienia:

A scholarship may be awarded to a person who, at the beginning of the implementation of tasks in the project (no later than October 1, 2019) is a PhD student, participant in doctoral studies conducted by authorized organizational unit of the university, scientific institute Polish Academy of Sciences, research institute or international scientific institute operating on the territory of the Republic of Poland.

Please apply directly via email to [othalmann@ump.edu.pl](mailto:othalmann@ump.edu.pl)

The application should be written in English and contain the following documents

-CV (including a list of publications, awards & distinctions, completed internships)

-letter of motivation

-Copy of the Master’s degree (or equivalent)

-Contact information of 2 referees, one of which should be the MSc supervisor

Please include the following statement: “Declaration of consent to the processing of personal data in the recruitment process in accordance with Art. 6 (1) of the General Regulation on the Protection of Personal Data of 27. April 2016 (Journal of Laws EU L 119/1 of 4 May 2016).

The scholarship holder will be selected by the competition commission headed by the project manager. The assessment will be made in accordance to the provisions of the "Regulation regarding scientific research in projects financed from the resources of the National Science Center" being an attachment to the resolution of NCN Council No. 96/2016 of October 27, 2016.

The position may remain vacant until a suitable candidate is found.

Dodatkowe informacje:

-Remuneration according to NCN PhD stipend regulations

-Starting date of the position: 2.11.2019

-Duration 42 months (+ potential extension for another 6 months)

-PI: Olaf Thalmann, PhD

-Project: Molecular footprints in the “-omics” of Neolithic humans left by adaptive processes and the onset of modern life-style diseases