

Research technician position: Principles of mitochondrial protein compartmentalization in vertebrates

Research field: Developmental biology

Keywords: mitochondrial biogenesis, mitochondrial protein import, zebrafish, RNA-Seq

The Laboratory of Mitochondrial Biogenesis headed by Agnieszka Chacińska at the Center of New Technologies, University of Warsaw and the Laboratory of Zebrafish Developmental Genomics headed by Cecilia L. Winata at the International Institute for Molecular and Cell Biology, Warsaw, jointly invite applications from motivated and talented individuals for the position of ‘Research technician’. Mitochondria play a crucial role in energy conversion, participate in cell stress responses and are involved in various physiologic processes. Due to their multiple cellular functions, mitochondria are more often recognized as the major contributors to human diseases, in particular the neurodegenerative ones like Alzheimer’s disease or Parkinson’s disease. Full understanding of mitochondria in their cellular and organismal context is urgently needed to develop successful treatments for such devastating diseases that are connected with mitochondrial dysfunction.

We offer: We are a group of young and friendly scientists with interests in mitochondrial biology and developmental biology, trying to explore localized translation on the surface of mitochondria. The position is funded for 24 months by a prestigious POLONEZ grant from the National Science Centre. This involves a full-time working contract. The successful candidate will work with the zebrafish model organism and assist in performing genetics, biochemistry, and molecular biology techniques. He/she will also be involved in RNA-seq experiments.

The Group: Chacińska’s group is one of the top-level groups in mitochondrial biology. The focus of the group includes import, assembly and degradation of mitochondrial proteins in studying both regular mitochondrial biogenesis, as well as consequences triggered by mitochondrial dysfunctions, while the Winata’s group has established expertise in zebrafish developmental biology and genomics.

The Candidate: We seek an open, motivated and English speaking person. The candidate should have a laboratory experience in basic Biochemistry and Molecular biology techniques and a thorough understanding of the principles.

Start date: November 2017

To apply: Please send your complete application including a CV, a motivation letter and the contact of at least one referee to rekrutacjabiomit@cent.uw.edu.pl with the subject line “Research Technician - Mitochondria”. The position is open immediately and will remain open until a suitable candidate is found. Only selected candidates will be invited for an interview.

Please include in your application the following statement: *“In accordance with the personal data protection act from the 29th of August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes”.*