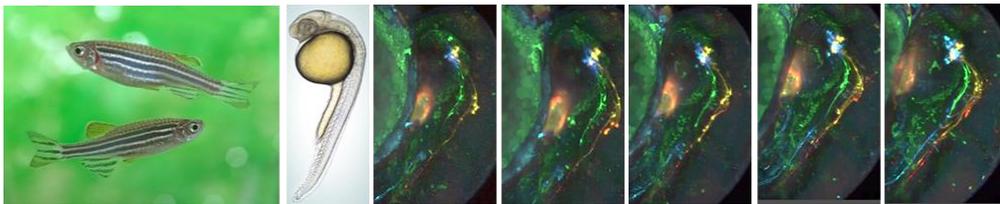# PhD student position

We are seeking a highly motivated **PhD student** to join the Zebrafish developmental neurobiology research group led by Dr Savani Anbalagan at the Adam Mickiewicz University, Poznań, Poland, supported by NCN Sonata-BIS project.

Astrocyte cells are major players in nervous system development and functioning. Neurohypophyseal (posterior pituitary) glial pituicytes are astrocyte-like cells that promote local axonal and vascular morphogenesis, enable release of neuropeptides Oxytocin and Vasopressin into the peripheral circulation. Our group studies the role of glial pituicyte-derived paracrine signaling molecules that regulate neurohypophyseal morphogenesis using zebrafish as vertebrate organism.

The project will take advantage of the genetic amenability of zebrafish and optical transparency to understand how glial pituicyte-derived factors regulate local axonal morphogenesis. Using our recently developed CRISPR mutants and by generating novel transgenic fish lines, we will study how pituicytes regulates axonal morphogenesis. We will use advanced light microscopy techniques for characterizing the phenotypes.

Requirements:
- Master's degree in life science field (biology, biotechnology or related)
- Hands-on experience in molecular biology skills
- Oral and written proficiency in English.
- High motivation, initiative, enthusiasm, and readiness to learn new skills
- Experience in working with zebrafish is not mandatory.

We offer:
- Supportive environment, 4-year funded position, doctoral scholarship (5000 zł brutto)
- Access to state-of-the art facilities

How to apply:
- Interested candidates should e-mail the following documents to Dr Savani Anbalalagan savanb@amu.edu.pl
  - motivation letter,
  - CV with educational and scientific achievements,
  - MSc diploma
  - Name and contact details of two academic referees

Application deadline: 30th June 2022.

For more information: https://zfin.org/ZDB-LAB-210827-1

*Please add **signed** consent clause in your application: ''I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).''*

NATIONAL SCIENCE CENTRE
POLAND