

## ANNOUNCEMENT OF THE COMPETITION FOR A SCIENTIFIC POSITION

The Director of the Institute of Human Genetics, Polish Academy of Sciences in Poznań (IHG PAS) announces an open competition for the position of an assistant at the Department of Molecular and Clinical Genetics of the IHG PAS.

The competition is open to persons who meet the conditions set out in the Act of 30 April 2010 on the Polish Academy of Sciences (Journal of Laws of 2016, item 572, as amended) and the Regulations for conducting competitions for scientific positions at the Institute of Human Genetics, Polish Academy of Sciences in Poznań.

### I. General information

1. Institution announcing the competition: Institute of Human Genetics PAS.
2. City: Poznań
3. Position: assistant
4. Discipline: medical biology
5. Number of vacancies: 1
6. Planned remuneration: 3 500 PLN/month gross
7. Deadline for submitting documents: **April 19, 2019**
8. Address to which documents should be submitted: personally or by post (stating "assistant ZGMiK") to the Institute of Human Genetics PAS, 32 Strzeszyńska street, PL-60-479 Poznań or electronically to the following address: [alicja.jamrozyn@igcz.poznan.pl](mailto:alicja.jamrozyn@igcz.poznan.pl) putting "assistant ZGMiK" in the title
9. Link: <http://bip.igcz.poznan.pl/konkurs/>
10. Key words: molecular biology, ciliopathy, microscopy, cell cultures
11. Department / Team in which the candidate would work: Department of Molecular and Clinical Genetics
12. A concise description of the scientific research in which the candidate would participate

The Candidate will be involved in research related to primary ciliary dyskinesia (PCD) and other genetic diseases associated with ciliary dysfunction (ciliopathy). The scope of research will encompass the identification of new genes involved in the pathogenesis of these diseases, structural and functional studies of mobile cilia, the use of cell cultures of respiratory epithelial cells and the animal model (*S. mediterranea*) to observe the phenotypic changes induced by particular mutations as well as gene expression analysis of genes associated with the process of ciliogenesis.

### II. Requirements for candidates:

1. PhD degree in the field of biological, chemical or medical sciences obtained no later than 5 years ago.
2. Knowledge of the cell culture techniques, in particular primary epithelial cell cultures - ALI method. Experience in bacterial transformation and transfection of mammalian cells. Very good knowledge of microscopic techniques – light, fluorescent and electron microscopy. Experience in molecular biology techniques such as cloning, plasmid DNA and protein isolation, PCR, Western Blot, electrophoresis techniques. Recommended experience in the functional and structural analysis of cilia, including high-speed video microscopy, immunofluorescence staining, preparation of cilia for electron microscopy (scanning and transmission).
3. Research track supported by publications and conference papers.
4. International internships and trainings.
5. Fluent knowledge of English in speech and writing.
6. Independence, high motivation for work in science, problem solving.
7. Team work skills.

### III. A list of documents that the candidate should attach to the competition application:

1. Application for employment, along with the address for correspondence and contact details (e-mail address and telephone number).
2. Scan or photocopy of the university diploma.
3. Scan or photocopy of the award of the degree (if applicable).

4. Scan or photocopy of the diploma of obtaining a scientific title (if applicable).
5. CV.
6. A list of publications with the indication of a maximum of five most important works performed during the last 5 years of the candidate's scientific work (after deduction of breaks in scientific work), patent applications, patents, implementations, research projects (if applicable).
7. Information on the number of citations of publications without self-citations, the value of the Hirsch index and the number of years effectively worked in science (after deduction of breaks), (if applicable).
8. A list of research projects (including application and implementation projects) that the Candidate was leading or was the main contractor and 1-3 most important publications resulting from the implementation of this project, or other measurable results of the project (if applicable).
9. At least one opinion of an independent researcher (R3), specialist in the scope indicated in the Competition Announcement.
10. No more than 3,500 printed characters (one A4 page) - summary of scientific interests, previous achievements, potential participation in research projects and research projects.
11. Consent to the processing of personal data of the Candidate for the purposes of the Competition, (available at: [http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Zgoda-rekrutacja-Consent\\_for\\_the\\_processing.pdf](http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Zgoda-rekrutacja-Consent_for_the_processing.pdf)).
12. Candidate's statement about getting acquainted with the Regulations for conducting competitions for scientific positions at the Institute of Human Genetics, Polish Academy of Sciences in Poznań. (available at: [http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Oswiadczenie\\_regulamin-Statement\\_Regulations.pdf](http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Oswiadczenie_regulamin-Statement_Regulations.pdf)).
13. Candidate's statement that, in case of winning the competition, the Institute of Human Genetics, Polish Academy of Sciences in Poznań will be the main place of employment. (available at: [http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Oswiadczenie\\_miejsce\\_pracy-Statement\\_place\\_of\\_work.pdf](http://bip.igcz.poznan.pl/wp-content/uploads/2018/10/Oswiadczenie_miejsce_pracy-Statement_place_of_work.pdf)).

#### **IV. Criteria for the evaluation of candidates**

1. Creativity measured by the quality and number of scientific publications in which the candidate is the first author, corresponding author, or significant author, and patent applications / patents and / or implementations,
2. Mobility in scientific career (including academic internships, change of scientific profile, internships and work in industry),
3. Number of citations of the candidate's works, especially those in which the candidate is the first author, corresponding or significant author,
4. Creativity measured by the quality and number of research projects,
5. Opinion of an independent researcher (R3)
6. Experience in laboratory work
7. Expertise in molecular biology
8. Motivation to work in science
9. Good command of English

#### **V. Announcement of results**


Up to 30 days from the deadline for submitting documents.

Selected candidates will be invited for an interview. Each of the submitted candidates will receive individual information about the results of the competition in relation to their person. Information on the winner of the competition will be provided on the Institute's website.

#### **VI. Planned employment:** from 1 May 2019

#### **VII. Information on the possibility of appeal of a candidate who has been negatively evaluated by the competition committee**

Candidates who have been negatively evaluated by the Competition Commission have the right to appeal against the results of the assessment. The appeal is submitted to the Director of the Institute within 7 days from the date of receipt of negative feedback from the selection board. The decision of the Director of the Institute is final.

Director  
Z-ca DYREKTORA  
Instytutu Genetyki Człowieka PAN  
ds. administracyjnych  
  
mgr. Małgorzata Strecher