

FORM FOR EMPLOYERS

INSTITUTION: Institute of Human Genetics PAS

CITY: Poznań

POSITION: : Adjunct (post-doc)

DISCIPLINE: Medical sciences

POSTED: April 10, 2026

EXPIRES: May 10, 2026

WEBSITE: <http://bip.igcz.poznan.pl/konkurs/>

KEY WORDS: head and neck cancer, laryngeal cancer, salivary gland tumors, cancer genetics, cancer epigenetics.

DESCRIPTION (field, expectations, comments):

ANNOUNCEMENT FOR A COMPETITION FOR A SCIENTIFIC POSITION

The Director of the Institute of Human Genetics, Polish Academy of Sciences in Poznan (IHG PAS) announces an open competition for the position of a **post-doc (adjunct)** at the Department of Cancer Genetics (DCG) of the IHG PAS

The competition is open to candidates 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 Poznan.

I. General information

1. Institution announcing the competition: **Institute of Human Genetics PAS.**
2. City: **Poznań**
3. Position: **post-doc (adjunct)**
4. Discipline: **medical sciences**
5. Number of vacancies: **1**
6. Planned remuneration: ca. **6 900 PLN** gross per month, full time employment contract.
7. Deadline for submitting documents: **10.05.2026**
8. Address to which documents should be submitted: personally or by post (stating “post-doc DCG”) to the Institute of Human Genetics PAS, 32 Strzeszyńska street, PL-60-479 Poznań or electronically to the following address: sekretariat@igcz.poznan.pl putting “post-doc DCG” in the title.

9.Link: <http://bip.igcz.poznan.pl/konkurs/>

10.Key words: head and neck cancer, laryngeal cancer, salivary gland tumors, cancer genetics, cancer epigenetics.

11.Department / Team in which the candidate would work: Department of Cancer Genetics of the IHG PAS (<https://igcz.poznan.pl/struktura/zaklad-genetyki-nowotworow/>).

A concise description of the scientific research in which the candidate will participate:

The Department of Cancer Genetics at the Institute of Human Genetics of the Polish Academy of Sciences in Poznań conducts interdisciplinary research on molecular mechanisms of the development and progression of head and neck cancers and hematological malignancies. Our work utilizes advanced molecular biology techniques (including next-generation sequencing, ONT, spatial transcriptomics, microarrays, CRISPR/Cas9 editing, and numerous functional assays) to identify changes in the genome and epigenome of cancer cells that contribute to disease initiation, progression, and treatment response. Our research is conducted in close collaboration with a number of renowned international teams, enabling attractive research mobility.

In the context of head and neck cancers, our research, conducted in close collaboration with otolaryngology clinicians from Poland and abroad, focuses primarily on the analysis of genetic and epigenetic abnormalities characteristic of laryngeal and salivary gland tumors. We are searching for diagnostic and prognostic biomarkers, including changes in gene expression and microRNA, and are investigating the role of viruses and environmental factors in the pathogenesis of this group of cancers. The Department's work also aims to develop minimally invasive genetic tests (e.g., based on liquid biopsy) that may enable earlier disease detection, identify patients at increased risk of recurrence, and allow individually tailored therapy to the patient's molecular profile.

Key responsibilities:

1. Conducting research at the Department of Cancer Genetics in the field of head and neck cancer research.
2. Maintaining documentation of conducted experiments.
3. Preparing grant applications.
4. Presenting research results in the form of reports, scientific papers, and conference proceedings.
5. Periodically presenting obtained results in the form of publications and lectures.
6. Scientific supervision of junior assistants, doctoral students, master's students, and trainees within the scope of their expertise.
7. Systematically updating theoretical and practical knowledge related to the research field.
8. Ensuring the proper preparation, operation, and use of equipment for research tasks.
9. Active participation in scientific conferences and meetings organized by the Institute.
10. Compliance with applicable internal regulations and directives, as well as occupational health and safety and fire protection regulations.
11. Performing other work and tasks assigned by the Head of the Department and the Institute's management.

II.Requirements for candidates:

1. PhD in medical, biological, chemical, or pharmaceutical sciences.
2. Knowledge and skills in molecular biology.

3. Scientific achievements in the form of publications in the above-mentioned fields of science.
4. Fluency in written and spoken English.
5. High motivation to work in science and problem-solving skills.
6. Ability to work in a team.

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 or 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),
- 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),
- 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).

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. Any breaks in the scientific work and indicated achievements of the candidate converted into effective years of scientific work.

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: starting from 01.06.2026

VII. Additional information: prof. dr hab. n. med. Maciej Giefing, maciej.giefing@igcz.poznan.pl

VIII. 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.