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UMF
UNIVERSITATEA DE
MEDICINĂ ȘI FARMACIE
IULIU HAȚIEGANU
CLUJ-NAPOCA

Registration No:26153/08.10.2025

COMPETITION NOTICE

FOR THE NOMINATION/FILLING OF THE VACANT POST OF

Research expert - CS I or equivalent - 3 positions
PhD student - 3 positions
Research technicians - 1 position

In the framework of the project Health Program entitled "Development of translational research for vaccines, serums and other biological drugs - Acronym CANTAVAC 2.0", Financing Contract no. 98856/ 20.12.2024, SMIS code - 326920

The University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj Napoca invites applications:

- Based on Justification Note no. 25889/06.10.2025, approved by the university management on the advertisement of posts outside the organisation chart within the project "**Development of translational research for vaccines, serums and other biological drugs Acronim CANTAVAC 2.0**",
- Based on O.M. no. 3498/06.03.2025 regarding approval of the *Internal procedure for the recruitment and selection of staff for employment on positions outside the establishment plan within the framework of projects financed by non-reimbursable external funds (PLP 21) v3* for the University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj Napoca;

Timetable of the competition:

- The competition files must be submitted between: 13.10.2025-17.10.2025, until 14.00
- The examination of the competition files will take place on 20.10.2025
- Submission and resolution of appeals relating to the application stage: 21.10.2025
- The interview will take place on 22.10.2025, Str. Gh. Marinescu, no. 23, Research Center for Functional Genomic, Biomedicine and Translational Medicine, 4th floor, at 10:00
- Preliminary results: 22.10.2025
- Submission and resolution of appeals regarding the interview stage: 23.10.2025
- The final results will be announced on: 24.10.2025

General conditions for the vacant positions:

- has Romanian citizenship or citizenship of other EU member states or states belonging to the European Economic Area, or the right to work in Romania;
- if the candidate does not have this right on the date of selection, the university will initiate legal proceedings to obtain the acceptance agreement, based on authorization no. 1363/22.07.2025.
- knows written and spoken Romanian;
- is in good health for the post for which he/she is applying;
- meets educational and, where appropriate, seniority or other requirements specific to the post;
- has not been convicted of any criminal offense.

1. Research expert 1 - CS I or equivalent - 1 position

Specific requirements:

- Graduate of a 5-year long-term higher education program in a field relevant to the project: molecular biotechnology/medicine;
- Doctoral studies;
- Minimum 20 years of experience in fundamental research;
- Minimum 30 articles, minimum Hindex 25.

Activities within the project:

- Develop experiments on advanced models of in vitro studies—co-cultures and immunology;
- Ensure dissemination of research results;
- Write and publish scientific articles;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 20 hours/month

2. Research expert 2 - CS I or equivalent - 1 position

Specific requirements:

- Graduate of a 5-year long-term higher education program in a field relevant to the project: molecular biotechnology/medicine;
- Doctoral studies;
- Minimum 5 years of experience in laboratory medicine;
- Minimum 20 articles, minimum Hindex 8.

Activities within the project:

- Ensures the transfer of data generated from laboratory activities into periodic scientific reports;
- Performs activities in the field of infectious diseases;
- Ensures the dissemination of research results in ISI-rated journals with high impact factors;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 20 hours/month

3. Research expert 3 - CS I or equivalent - 1 position

Specific requirements:

- Graduate of a 5-year long-term higher education program in a field relevant to the project: medicine/biology/chemistry/biochemistry/bioinformatics;
- Minimum 20 years of experience in multiomic data analysis, mathematical modeling, machine learning, chemoinformatics;
- Minimum 30 articles, minimum Hindex of 30.

Activities within the project:

- Performs multiomic data analysis, mathematical modeling, machine learning, chemoinformatics;
- Ensures the dissemination of research results in ISI-rated journals with high impact factors;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 20 hours/month

4. PhD student 1 - 1 position**Specific requirements:**

- Graduate of long-term higher education studies, including a master's degree in a field relevant to the project: biology/molecular biotechnology/medicine;
- Doctoral student in medicine/pharmacy (first year), thesis topic in the field of the research project;
- Minimum 1 year of experience in genomics, familiar with laboratory techniques: cloning, recombinant DNA, expansion, cell line cultivation, co-cultures, use of vectors, plasmids, gRNA, CRISPR;
- Minimum of 5 articles published as co-author in the field of molecular biology;
- Physical presence at UMF Iuliu Hațieganu;
- Language proficiency certificate, English (minimum B2)/graduate of studies in English.

Activities within the project:

- Performs genomic editing activities with CRISPR, cloning, recombinant DNA, expansion, cell line cultivation, co-cultures, use of vectors, plasmids, gRNA;
- Implements working protocols with non-viral and viral vectors for gene therapy;
- Ensures the dissemination of research results in ISI-rated journals with high impact factors;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 160 hours/month

5. PhD student 3 - 1 position**Specific requirements:**

- Graduate of long-term higher education studies, including a master's degree in a field relevant to the project: biology/molecular biotechnology/medicine;
- Doctoral student in medicine/pharmacy (first year), thesis topic in the field of the research project;
- Minimum laboratory experience, knowledge of basic laboratory techniques for: cloning, recombinant DNA, cell line expansion and cultivation, co-cultures, use of vectors, plasmids, gRNA, CRISPR, genomic data analysis, use of basic R package, Python analysis;
- Physical presence at UMF Iuliu Hațieganu;
- Language proficiency certificate, English (minimum B2)/graduate of studies in English.

Activities within the project:

- Performs genomic editing activities with CRISPR, cloning, recombinant DNA, cell line expansion and cultivation, co-cultures, use of vectors, plasmids, gRNA;
- Performs genomic data analysis using the R/Python package;
- Ensures the dissemination of research results in ISI-rated journals with high impact factors;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 160 hours/month

6. PhD student 5 - 1 position

Specific requirements:

- Graduate of long-term higher education studies, including a master's degree in a field relevant to the project: biology/molecular biotechnology/medicine;
- Doctoral student in medicine/pharmacy (first year), thesis topic in the field of the research project;
- Minimum 1 year of laboratory experience in genomics, in vitro studies, molecular biology: qRT-PCR, ELISA, multiomic data analysis obtained through miRNA-seq, RNA-seq, Copy Number Variation (GISTIC), DNA methylation, R analysis, Limma, Python, machine learning models;
- Minim 2 articole publicate în calitate de prim autor;
- Physical presence at UMF Iuliu Hațieganu;
- Language proficiency certificate, English (minimum B2)/graduate of studies in English.

Activities within the project:

- Performs in vitro studies, molecular biology, using qRT-PCR, ELISA;
- Performs multiomic data analysis obtained through miRNA-seq, RNA-seq, Copy Number Variation (GISTIC), DNA methylation, R analysis, Limma, Python, machine learning models;
- Ensures the dissemination of research results in ISI-rated journals with high impact factors;
- Make presentations at conferences/symposia and other events;
- Contribute to the writing of funding applications in the field.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 160 hours/month

7. Research technicians 5 - 1 position

Specific requirements:

- Graduate of higher education studies;
- Computer operation, product management, and transportation are advantages.

Activities within the project:

- Ensures the transport of biological samples in accordance with the legislation in force;
- Ensures the management of biological samples/ related documentation to the project's biological sample biobank, maintaining tabular databases related to the record of cryopreserved biological samples in ultra-freezers.
- Ensures the implementation of the study protocol approved by the Ethics Committee;
- Drafts periodic technical reports according to the template required by the funder;
- Ensures the information of the general public and other institutions carrying out relevant research activities.

Contract duration: 49 months (november 2025 – 19.12.2029)

Maximum hours/ month: 80 hours/month

In order to take part in the competition, candidates must submit their applications by 17.10.2025, until 14:00, Str. Gh. Marinescu, no. 23, Research Center for Functional Genomic, Biomedicine and Translational Medicine, 4th floor, contact person Trif Alexandra Anamaria /Cristina Ciocan.

Content of the application file:

- a)** Application for the recruitment and selection process (standard application form attached to the recruitment and selection notice - must include the title of the post for which you are applying);
- b)** CV, dated and signed on each page, in Europass format, stating the project and the post applied for;
- c)** Copies of the original identity card or any other document proving identity, according to the law, as appropriate (certification will be made by comparison with the original documents by the secretary of the committee);
- d)** Copies of identity documents and educational documents certified to be in conformity with the original (certification will be made by comparison with the original documents by the secretary of the committee);
- e)** Original certificates/diplomas attesting to the completion of specializations, (originals are required for certification);
- f)** Supporting documents proving seniority in employment and/or studies, i.e. proving the specific professional experience required for the post (e.g. certificates of seniority in employment and studies, employment contracts, job descriptions, recommendations, etc.), copies in accordance with the original;
- g)** Criminal record or a sworn statement that he/she has no criminal record that would make him/her incompatible with the position for which he/she is applying; the criminal record must be submitted by the successful candidate within 10 working days of the publication of the final result of the recruitment and selection process;
- h)** A medical certificate attesting to an appropriate state of health issued no more than 6 months prior to the recruitment and selection procedure by the candidate's general practitioner or by the competent health units;
- i)** Declaration of availability of time allocated to the project, per day and per month;
- j)** Agreement on the processing, handling, and storage of personal data.

Competition Schedule

The competition will consist of 2 stages as follows:

- First Step: Verification of the eligibility of applications submitted by candidates. All CVs received and other documents submitted will be analysed using the Recruitment and Selection Grid.

The Selection Committee will post the result of the evaluation of the applications and the scheduling of the interview on the website www.umfcluj.ro on 20.10.2025 with the mention "admitted" or "rejected".

- Second Step: Interview.

Verification of candidates' knowledge and/or aptitudes will be carried out through online individual interviews. The interview will be conducted in accordance with the interview plan drawn up by the Recruitment and Selection Committee on the day of the interview on the basis of the assessment criteria. The maximum possible mark for a candidate will be 100 points and the minimum admissible mark will be 60 points.

The results of the candidates at the interview stage will be the arithmetic average of the marks awarded by the members of the committee and will be published on the website www.umfcluj.ro on 22.10.2025.

Settlement of appeals:

Any appeals must be lodged within one working day of the publication of the results of the selection and/or interview, except in the case of compulsory rest days (Saturday and Sunday) or statutory holidays, in which case the deadline is extended to the first working day following publication. Appeals will be dealt with by the Appeals Committee.

The marks awarded after appeals remain definitive.

The final result will be published on the website www.umfcluj.ro on 24.10.2025.

To: University of Medicine and Pharmacy "Iuliu Hațieganu"

REQUEST LETTER

to apply for the recruitment competition for the period 13.10.2025-24.10.2025 for the post of within the project POS- entitled "Development of translational research for vaccines, serums and other biological drugs - Acronym CANTAVAC 2.0", contract no. 98856/ 20.12.2024, SMIS code - 326920.

I, the undersigned, residing at, str., nr., county, telephone, holder of the CI, series, nr., issued by, on, I kindly ask you to approve my application for the position of researcher -doctoral candidate within the project POS- entitled "Development of translational research for vaccines, serums and other biological drugs - Acronym CANTAVAC 2.0", contract no. 98856/ 20.12.2024, SMIS code - 326920.

Thank you.

Signature, Date:

CONSENT
on the processing, processing and storage of personal data

in accordance with Article 6 of Regulation (EU) 2016/679 (hereinafter GDPR)

I, the undersigned, authorized with ID number, serial number, issued by, dated, CNP, as a candidate for the competition to fill the vacancy of for the project POS- entitled "Development of translational research for vaccines, serums and other biological drugs - Acronym CANTAVAC 2.0", contract no. 98856/20.12.2024, SMIS code - 326920., organized by the University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj-Napoca, during 13.10.2025-24.10.2025.

by this agreement, I expressly consent that the "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca may collect, process and store my personal data, consisting of:

- a) **Personal data**, namely: name and surname, ID/passport series and number, place and date of issue, validity, CNP, date of birth, sex, place of birth, home address, telephone number, e-mail address, marital status, criminal record, health (according to the certificate issued by the family doctor)
- b) **Education data**, respectively:

- **High school**: place of graduation, high school, year of graduation, profile, duration of studies, form of education, type of diploma obtained, diploma series and number, place and issuing institution, year of issuance, recognition certificate series, transcript no., baccalaureate average;
- **faculty and/or other specializations**: place of graduation, faculty/ master/ doctorate/ courses, field, specialization, year of graduation, form of education, duration of studies, title and type of diploma obtained, diploma series and number, issuing institution, year of issue;

c) **Data relating to professional experience**, respectively:

- **previous professional experience**: employer, position held in the institution/organization, salary level (information from the copy of your employment record/ certificates/ REVISAL reports, submitted with the competition file)

which are freely and unequivocally provided by me for the purpose of the selection process for the selection of applications and competition tests.

I also consent that I agree that my personal data consisting of my name, surname, the result obtained at each stage of the competition, will be displayed on the official website of the university (www.umfcluj.ro) and on the notice board of the institution.

I confirm that I have been informed about the provisions of the personal data security policy, compliant with Regulation (EU) 2016/679, within the university.

Last name first name:
(signature)

Statement

I, the undersigned, holder of an ID number series nr., issued by on, CNP, declare on my own responsibility that I can allocate for the project a maximum of hours/day for a period of 49 months. I undertake that if I am declared the winner, I will inform the employer of any other employment contracts I have, within 10 working days of the publication of the final result of the recruitment and selection process, in order to comply with the provisions regarding the maximum working day of 12 hours.

Data:

Signature_____