



Registration No. 22153 / 07.10.2024

RESEARCH POSITIONS ANNOUNCEMENT

FOR FILLING THE POSITIONS OF
Postdoctoral researcher – 4 positions
PhD student – 1 position

WITHIN THE FRAMEWORK OF THE PROJECT PNRR2023 "*Technologically Enabled Advancements in Dental Medicine (TEAM)*", implemented on the basis of Funding Contract 760235 / 28.12.2023

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

- on the basis of Justificatory note no. 21994 / 04.10.2024 approved by the university leadership, regarding the tendering of positions outside the organization chart, within project "*Technologically Enabled Advancements in Dental Medicine (TEAM)*",
- on the basis of Order of the Minister nr. 6084 / 27.11.2020 regarding the OMEC modification nr. 4033 / 23.05.2019 regarding the approval of *Internal procedure for recruitment and selection of personnel, in order to hire them for positions outside the organizational chart, within the projects financed from non-reimbursable external funds (PLP 21) v2* for the University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj Napoca;

The competition will be held as follows:

- submission of application files: 08.10.2024 – 14.10.2024
- selection of competition files: 14.10.2024
- interview: 16.10.2024, location Deans meeting room floor 1, 4 Louis Pasteur Street, time: 12
- submission of appeals: 17.10.2024
- final results: 18.10.2024

General conditions necessary for filling the positions:

- The candidate has Romanian citizenship or other EU member states or states belonging to the European Economic Area or the right to work on the territory of Romania;
- Knows the Romanian language, writing and speaking;
- has a state of health corresponding to the position for which he is applying;
- fulfills study conditions and, depending on the case, seniority or other job-specific requirements;
- has not been convicted of any crime.

1. Postdoctoral researcher – 2 positions

Specific conditions:

- Long-term graduate of higher education, 6 years, field of dental medicine and general medicine
- Graduate of doctoral studies
- Specific professional experience of at least 5 years

Activities within the project:

1. Conducts research activities and ensures the implementation of activities within the project, aiming to achieve the anticipated results within the agreed timeframes, as well as the fulfillment of objectives and indicators.
2. Collaborates with team members on the dissemination of results and the promotion of the project.
3. Provides support in the completion of scientific activities and related tasks in order to meet the project's indicators.
4. Complies with the provisions of the job description.
5. Attends work meetings.
6. Prepares the monthly report-timesheet in accordance with the agreed project template.
7. Involvement in the activities:
 - WP 1. Development of a new cloud-based imaging platform to support research in AI-based dentistry and e-health
 - Activity 1.1. TEAM digital hub interface
 - Activity 1.2. Development of a secure cloud-based image repository that integrates, stores, shares, and processes medical imaging data
 - Activity 1.3. Anonymization of images for a secure interface of the TEAM Digital Hub
 - Activity 1.4. Testing and validation
8. Carries out any task assigned by the project director/manager related to the project, as well as involvement in any of the WPs.

Duration of contract: 20 months

Maximum number of hours/ month: 40 hours

2. Postdoctoral researcher – 1 position

Specific conditions:

- Long-term graduate of higher education, 6 years, field of dental medicine and general medicine
- Graduate of doctoral studies
- Specific professional experience of at least 10 years

Activities within the project:

1. Conducts research activities and ensures the implementation of activities within the project, aiming to achieve the anticipated results within the agreed timeframes, as well as the fulfillment of objectives and indicators.
2. Collaborates with team members on the dissemination of results and the promotion of the project.
3. Provides support in the completion of scientific activities and related tasks in order to meet the project's indicators.
4. Complies with the provisions of the job description.

5. Attends work meetings.
6. Prepares the monthly report-timesheet in accordance with the agreed project template.
7. Involvement in the activities:
 - WP 1. Development of a new cloud-based imaging platform to support research in AI-based dentistry and e-health
 - Activity 1.1. TEAM digital hub interface
 - Activity 1.2. Development of a secure cloud-based image repository that integrates, stores, shares, and processes medical imaging data
 - Activity 1.3. Anonymization of images for a secure interface of the TEAM Digital Hub
 - Activity 1.4. Testing and validation
8. Carries out any task assigned by the project director/manager related to the project, as well as involvement in any of the WPs.

Duration of contract: 20 months

Maximum number of hours/ month: 20 hours

3. Postdoctoral researcher – 1 position

Specific conditions:

- Long-term graduate of higher education, 6 years, field of dental medicine
- Graduate of doctoral studies
- Specific professional experience of at least 5 years

Activities within the project:

1. Conducts research activities and ensures the implementation of activities within the project, aiming to achieve the anticipated results within the agreed timeframes, as well as the fulfillment of objectives and indicators.
2. Collaborates with team members on the dissemination of results and the promotion of the project.
3. Provides support in the completion of scientific activities and related tasks in order to meet the project's indicators.
4. Complies with the provisions of the job description.
5. Attends work meetings.
6. Prepares the monthly report-timesheet in accordance with the agreed project template.
7. Involvement in the activities:
 - WP 1. Development of a new cloud-based imaging platform to support research in AI-based dentistry and e-health
 - Activity 1.1. TEAM digital hub interface
 - Activity 1.2. Development of a secure cloud-based image repository that integrates, stores, shares, and processes medical imaging data
 - Activity 1.3. Anonymization of images for a secure interface of the TEAM Digital Hub
 - Activity 1.4. Testing and validation
8. Carries out any task assigned by the project director/manager related to the project, as well as involvement in any of the WPs.

Duration of contract: 20 months

Maximum number of hours/ month: 10 hours

4. PhD student – 1 position

Specific conditions:

- Long-term graduate of higher education, computer science
- PhD student
- Professional experience in the field of artificial intelligence of at least 1 year

Activities within the project:

1. Conducts research activities and ensures the implementation of project activities, aiming to achieve the anticipated results within the agreed timeframes, as well as meeting the objectives and indicators.
2. Collaborates with team members on the dissemination of results and the promotion of the project.
3. Provides support in carrying out scientific activities and related tasks in order to meet the project's indicators.
4. Complies with the provisions of the job description.
5. Attends work meetings.
6. Prepares the monthly report-timesheet in accordance with the agreed project template.
7. Involvement in activities:
 - WP3 Research activities
 - Activity 3.1 Automatic synthesis of panoramic images from CBCT dental data
 - Activity 3.2 Development of a dental lesion classification model
 - Activity 3.3 Testing and validation of the diagnostic model
8. Carries out any task assigned by the project director/manager related to the project, as well as involvement in any of the WPs.

Duration of contract: 20 months

Maximum number of hours/ month: 82 hours

In order to participate in the competition, candidates will submit their application files by 14.10.2024, 15:00, at the Department of Research, Development and Innovation, St. Louis Pasteur, no. 4, floor 3, office 7, contact person Cristina Olovina.

Application File Contents

In order to participate in the recruitment and selection process for the above announced positions, candidates must submit a complete application file containing the following documents:

- a) **Application Form:** A completed application form (available as an attachment to the recruitment announcement) indicating the specific position you are applying for.
- b) **Curriculum Vitae (CV):** An updated and signed on every page CV in Europass format, clearly stating the project and position you are applying for.
- c) **Identity Document Copies:** Certified copies of your identity document or any other legally recognized identification document. The authenticity of the copies will be verified by the commission secretary upon presentation of the original documents.

- d) **Educational Document Copies:** Certified copies of your educational documents, including diplomas, certificates, and transcripts. The authenticity of the copies will be verified by the commission secretary upon presentation of the original documents.
- e) **Specialization Certificates Copies:** Original certificates or diplomas that attest to any completed specializations. The originals are required for verification purposes. For students: A certificate of enrollment; For doctoral students: A certificate from the Doctoral School; For postdoctoral researchers: A doctoral degree certificate.
- f) **Professional Experience Documentation (Copies):** Documentation that verifies your work experience and/or relevant academic background, including employment certificates, contracts, job descriptions, recommendations, etc. The authenticity of the copies will be verified by the commission secretary upon presentation of the original documents.
- g) **Criminal Record Check or Declaration:** A criminal record check or a self-declaration stating that you have no criminal record that would make you ineligible for the position. The elected candidate will be required to submit an official criminal record check within 10 working days of the final recruitment and selection results being published.
- h) **Medical Certificate:** A medical certificate issued within the last 6 months prior to the recruitment and selection process, attesting to your good health. The certificate can be obtained from your family doctor or from an authorized medical facility.
- i) **Availability Declaration:** A declaration stating your availability in terms of hours per day and per month for the project.
- j) **Data Processing Agreement:** A signed agreement consenting to the processing, storage, and use of your personal data.

Recruitment and Selection Process Timeline

The recruitment and selection process for will consist of two stages :

Stage 1 : Application File Review

Deadline : October 14, 2024

Process :

- The Research, Development, and Innovation Department will review all submitted application files.
- The Selection Committee will evaluate each application using the Recruitment and Selection Grid.
- The Selection Committee will publish the results of the application file review and the interview schedule on the UMF Cluj website (www.umfcluj.ro) on 14.10.2024, indicating whether each candidate file is "admitted" or "rejected."

Stage 2: Interview

- **Date:** 16.10.2024
- **Place:** Deans meeting room floor 1, 4 Louis Pasteur Street, time: 12
- **Process:**
 - Eligible candidates will be invited to individual interviews.
 - The interviews will be conducted based on the interview plan prepared by the Selection Committee, using the evaluation criteria outlined in the announcement.
 - The maximum possible score for each candidate is 100 points, and the minimum passing score is 60 points.
 - The candidates' interview scores will be the arithmetic average of the scores given by the committee members.
 - The interview results will be published on the UMF Cluj website (www.umfcluj.ro) on 16.10.2024.

Appeals

- **Deadline:**
 - Within one working day of the publication of the results of the application file review and/or the interview.
 - If the deadline falls on a mandatory rest day (Saturday or Sunday) or a public holiday, the deadline extends to the next working day.

- **Process:**
 - Appeals must be submitted to the Appeals Resolution Committee.
 - The Appeals Resolution Committee will review the appeals and make a decision.
 - The score awarded after the appeals process will be final.

Final Results

- **Publication Date:** 18.10.2024
- **Location:** UMF Cluj website (www.umfcluj.ro)