



JOB VACANCY ANNOUNCEMENT

Babeş-Bolyai University seeks to fill the position postdoctoral researcher, vacant within the project - PN-IV-P2-2.1-TE-2023-0666 -“Sustainable solutions to reduce the environmental impact of WWTPs using hybrid integrated modelling and process control” REWAT - (established according to the funding of the project and implementation schedule of activities), part - time.

Required qualifications for applicants:

- Studies: PhD in Chemical Engineering
- Direct experience with technological processes in urban WWTPs with tertiary treatment stages and detailed knowledge of nutrient removal processes from wastewater.
- Direct experience with modelling, simulation, and control of processes in WWTPs.
- Strong knowledge of MATLAB for modelling, simulation, and control of wastewater treatment plants (WWTPs).
- Direct experience with technological processes in SEAU
- Minimum of 20 Scopus-indexed publications, of which at least 15 are in the field of wastewater treatment plants.
- Minimum of 8 Scopus-indexed publications in the wastewater treatment field as first author, including at least 2 articles ranked Q1 according to Impact Factor (IF) or AIS at the time of publication or application.
- Excellent IT skills in all core Microsoft Office products
- Solid skills written and oral communication in Romanian and English

Application file

In order to apply for the vacancy recruitment process, the applicants will email sorina.palacean@ubbcluj.ro, **19.06.2026 ora 16.00** the following documents:

1. application for recruitment and selection process (standard form),
2. copy of the document proving the identity,
3. copies of documents proving the level of qualification and other specialisations pursued,
4. documents proving the professional experience required for the position,
5. curriculum vitae in Europass format,
6. list of published papers, scientific conferences, other scientific achievements
7. other documents relevant to the recruitment and selection process.

Application files selection

Applicants' files will be reviewed within one working day from the end of the submission period in order to determine their suitability for the vacant post according to the specific criteria and requirements outlined in the published vacancy notice.

The results of the application files selection will be posted on 22.06.2026, by indicating the registration number of the application file.



Appeals against the results of the application files selection can be submitted within one working day from the date of posting the results, to sorina.palacean@ubbcluj.ro

Appeals will be answered within one working day after the submission deadline.

Only shortlisted candidates following the reviewing of application files will participate in the selection tests.

Recruitment proceedings

1. Application files screening according to the following criteria:

- scientific/professional activity of the candidate
- experience in the required field
- quality of scientific collaborations, depending on the candidate's field of expertise
- candidate participation in research-development projects

2. Interview assessing the extent to which candidates meet the criteria that are necessary for successful performance in the position, motivation and readiness assessed according to the following criteria:

- professional knowledge
- abilities and skills required to perform the job
- candidate's motivation
- research experience

The interview will take place on 25.06.2026. The time and the place of the interview should be communicated later to the eligible participants.

The final score of the recruitment and selection process is calculated as the arithmetic mean of the scores obtained in the selection tests. The candidate who obtained the highest final score will be admitted, but applicants must score a minimum of 7 points in each competition test.

In case of equal final scores, ranking is performed by considering the interview score as a tiebreaker.

Results and appeals

The results of the recruitment and selection process will be published on the official website of the institution on 26.06.2026, by indicating the registration number of the application file.

Candidates who are not satisfied with the outcome of their assessment will have the right to appeal within maximum one working day from the publishing of the results.

Appeals will be emailed at sorina.palacean@ubbcluj.ro Appeals will be answered within one working day after the submission deadline.

Additional information can be obtained at 0264-405300/5417.