

# COMPETITION ANNOUNCEMENT

*for the filling of a temporarily vacant contractual position*

The "Petru Poni" Institute of Macromolecular Chemistry Iași, headquartered in Iași, 41A Aleea Grigore Ghica Vodă, Iași County, organizes a competition for filling a temporarily vacant contractual position, in accordance with Government Decision no. 1336/28.10.2022 and in compliance with the provisions of Emergency Ordinance no. 156/2024, as follows:

Field	Details
Position title	Specialist Physician in Occupational Medicine, COR code 221201
Number of positions	1 vacant position
Position level	Execution position
Department / Structure	Occupational Medicine Unit (Human Resources and Payroll Department)
Working time	4 hours/day; 20 hours/week
Duration	Indefinite period

## General participation requirements

The general participation requirements are those provided by Article 15 of Government Decision no. 1336/28.10.2022 approving the Framework Regulation on the organization and career development of contractual staff in the public sector paid from public funds.

In order to occupy a vacant contractual position, candidates must meet the following general requirements:

- hold Romanian citizenship or the citizenship of another Member State of the European Union, a state party to the Agreement on the European Economic Area (EEA), or Swiss Confederation citizenship;
- have knowledge of the Romanian language, written and spoken;
- have working capacity in accordance with the provisions of Law no. 53/2003 - Labor Code, republished, as subsequently amended and supplemented;
- have a state of health appropriate for the position applied for, certified by a medical certificate issued by the family doctor or by authorized medical institutions;
- meet the education requirements, seniority in the specialization and, where applicable, other specific requirements according to the requirements of the position announced;
- have not been definitively convicted of offenses against national security, authority, humanity, corruption or service-related offenses, forgery offenses or offenses against the administration of justice, intentional offenses that would make a person incompatible with exercising the contractual position applied for, except where rehabilitation has occurred;
- not serve a complementary sentence prohibiting the right to occupy the position, exercise the profession or trade, or perform the activity used to commit the offense, and no safety measure prohibiting the occupation of a position or exercise of a profession has been ordered against them;
- have not committed the offenses provided for in Article 1 para. (2) of Law no. 118/2019 concerning the National Automated Register regarding persons who have committed sexual offenses, exploitation offenses, or offenses against minors, as subsequently amended, for the fields provided under Article 35 para. (1) letter h).

## Specific requirements

- Higher education, Faculty of Medicine (bachelor-level university studies);
- Residency in Occupational Medicine, with the professional title of Specialist Physician in Occupational Medicine;
- Minimum seniority in the specialization of studies: 5 years.

## Competition application file

Candidates shall submit an application file containing the following documents:

- **a)** Application form, according to the model provided in Annex no. 2 of the Framework Regulation on the organization and career development of contractual staff;
- **b)** Copy of the identity card or any other valid document attesting identity according to the law;
- **c)** Copy of the marriage certificate or another document proving the change of name, where applicable;
- **d)** Copies of documents certifying the level of studies and other documents attesting completion of specializations, as well as copies of documents proving fulfillment of the specific requirements requested by the public authority or institution;
- **e)** Copy of the employment record book and/or certificate issued by the employer for the worked period, proving length of service;
- **f)** Criminal record certificate or extract from the criminal record;
- **g)** Medical certificate attesting the appropriate health condition, issued by the candidate's family doctor or authorized medical institutions no more than 6 months before the competition;
- **h)** Curriculum Vitae, Europass format.

## Competition calendar

The competition will be held at the headquarters of the institution according to the following schedule:

No.	Activity	Date and time
1	Publication of the announcement	18.12.2025
2	Submission of application files at the address: "Petru Poni" Institute of Macromolecular Chemistry Iași, 41A Aleea Grigore Ghica Vodă, Iași County	Deadline: 09.01.2026, 16:00
3	Selection of files by the competition committee	13.01.2026, 16:00
4	Publication of file selection results	14.01.2026, 16:00
5	Submission of appeals regarding file selection results	15.01.2026, 16:00
6	Publication of appeal results	16.01.2026, 16:00
7	Written examination	19.01.2026, 10:00
8	Publication of written examination results	20.01.2026, 16:00
9	Submission of appeals regarding written examination results	21.01.2026, 16:00
10	Publication of appeal results	22.01.2026, 16:00
11	Practical/clinical examination	23.01.2026, 10:00
12	Communication of results after the clinical examination	26.01.2026, 16:00

No.	Activity	Date and time
13	Submission of appeals regarding the result of the clinical examination	27.01.2026, 16:00
14	Publication of appeal results	28.01.2026, 12:00
15	Publication of the final competition result	28.01.2026, 16:00

## Topics

For the competition organized for filling the vacant position of Specialist Physician in Occupational Medicine

### I. Written examination

- Occupational medicine: definition, development of the occupational medicine concept, purposes, component fields. Working condition: component factors. Occupational hazards: definition, classification, mode of action on the human body.
- Occupational diseases: definition, fundamental elements regarding the etiology, diagnosis, treatment and prevention of occupational diseases. Table of reportable occupational diseases. Notification, reporting, investigation and recording of occupational diseases.
- Work-related diseases: definition, classification, epidemiology, diagnostic methodology, legislation, prevention.
- Occupational fatigue: definitions, classification, mechanism of occurrence, forms of manifestation, assessment methods, preventive recommendations.
- Occupational toxic substances as an etiological factor: definition, classification, routes of entry into the body, circulation, deposition in target organs, elimination from the body, biotransformation of toxic substances, mechanisms of action, combined action of toxic substances, the relationship between physico-chemical properties and toxic activity, the influence of various working conditions on the action of toxic substances; dose-effect and dose-response relationships. Permissible concentrations (limits): definitions, method of establishment, mode of expression, assessment method. Prevention.
- Occupational poisoning with metals and their salts: lead, mercury, chromium, cadmium, manganese, beryllium, nickel.
- Occupational poisoning with: (a) aliphatic hydrocarbons and their halogenated compounds: carbon tetrachloride, methyl chloride and methyl bromide, trichloroethylene, carbon disulfide; (b) aromatic hydrocarbons and nitro- and amino- derivatives of aromatic hydrocarbons: benzene, toluene, nitrobenzene, aminobenzene (aniline), and their halogenated derivatives; (c) alcohols (methyl, butyl, isopropyl); (d) glycols (ethylene glycol, diethylene glycol, 1,4-butanediol); (e) aldehydes (formaldehyde); (f) isocyanates; (g) carbon monoxide.
- Occupational poisoning with carbon monoxide.
- Occupational poisoning with amides, polyamides, polyesters, polyurethanes.
- Occupational dusts as an etiological factor: definitions, classifications, combined action of occupational dusts; the relationship between the mineralogical and chemical structure of dusts and their action on the lungs; experimental testing of dusts in acute, subacute and chronic experimentation; dose-effect and dose-response relationships. Permissible limits (concentrations): definitions and the method for establishing these permissible limits.
- Occupational bronchial asthma.
- Occupational diseases caused by exposure to occupational noise above permissible limits: occupational deafness and occupational hearing loss.
- Occupational dermatoses.
- Occupational cancer.
- Occupational hematology.

16. Fitness for work determined during the medical examination upon hiring, periodic medical check-up, adaptation-to-work medical examination, depending on the profession and widespread diseases: arterial hypertension, ischemic heart disease, chronic hepatitis, pulmonary tuberculosis, ophthalmological conditions (refractive errors, glaucoma, cataract, retinopathies), varicose veins, chronic bronchitis.
17. Personal protective equipment: definitions, classification.
18. Current occupational medicine legislation in Romania.

## **II. Clinical / practical examination**

19. Examination of an applicant for a specific profession and workplace in order to establish medical fitness for work.
20. Assessment of a patient in order to establish the diagnosis of an occupational disease.
21. Assessment of occupational risks represented by occupational noise: methodology, techniques, interpretation of a report.
22. Assessment of occupational toxic substances at a workplace: methodology, techniques, interpretation of reports.
23. Assessment of occupational toxic substances in biological fluids. Biological monitoring: methodology, techniques, interpretation of reports.
24. Assessment of occupational dusts at a workplace: methodology, techniques, interpretation of reports.
25. Respiratory (pulmonary) function tests in occupational medicine practice: VC, FEV1, MMEF 25-75% VC, residual volume, mixing time, bronchomotor tests: methodology, techniques, interpretation of reports.
26. Simple cardiovascular functional tests in occupational medicine practice: Teslenko, Crampton, Brouha, exercise tests; methodology, techniques, interpretation of a report.
27. Methods for assessing the occupational risk level at the workplace: definitions, stages, working instruments, method of application.
28. Development of an occupational medicine program regarding occupational dermatoses (personal development).

## **Bibliography**

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**Additional information** may be obtained by phone at 0332 880 050 ext. 207, by e-mail at [pricob.narcis@icmpp.ro](mailto:pricob.narcis@icmpp.ro), and on the website [www.icmpp.ro](http://www.icmpp.ro). Contact person: Narcis PRICOB, Legal Adviser I - Human Resources.