

Senior scientists

Institute of Inorganic Chemistry of the Slovak Academy of Sciences (Department VILA) is announcing a selection procedure for the position of Independent Research Scientist with qualification VKS IIa in the field of high-entropy oxide ceramics.

Information about the position / Job description:

Conduct high-quality research in the field of high-entropy oxide ceramics.

Perform in-depth analysis and interpretation of experimental data.

Lead and coordinate the project team (task allocation, quality control of outputs, motivation).

Prepare, submit, and implement research projects (national and international grant schemes).

Publish the achieved results in high-impact journals.

Present the obtained results at international conferences.

If required, supervise PhD students, Master's students, and visiting students.

Actively participate in the research projects of the Institute.

Identify new research directions based on the achieved results.

Prepare opponent reviews of doctoral theses and review manuscripts for scientific journals and conferences.

Basic employee benefits:

Flexible working hours with the possibility of remote work

45 days of annual leave

Opportunity for interesting and creative work in the research environment of the Slovak Academy of Sciences

Type of employment:

Part-time contract (50%).

Place of work:

Trenčín

Salary conditions:

1,000 – 1,300 EUR gross per month

Expected date of completion of the selection procedure:

15 November 2026

Expected date of the job interview:

16–18 November 2026

Expected start date:

20 November 2026

Requirements for the employee:

Education:

Third-level university education (PhD) with scientific qualification degree IIa or equivalent in the field of Inorganic Chemistry and Materials.

Skills and qualifications:

Based on previous publication activity, the applicant should demonstrate competencies in the following areas:

- Experience with the preparation, characterization, and development of high-entropy oxide ceramics.
- Ability to independently plan, carry out, and evaluate scientific research in the given field.
- Strong publication activity (articles in peer-reviewed journals, preferably WOS/Scopus, Q1–Q3).
- Experience with the preparation and implementation of research projects (APVV, VEGA, Horizon Europe, or equivalent grant schemes).
- Ability to critically analyse and interpret research results and formulate new research questions.
- Knowledge of scientific methodology, statistical methods, and relevant software tools.
- Proven experience with opponent and review activities (reviews of articles, projects, doctoral theses).

Language skills:

High level of written communication in a scientific style (Slovak and English – minimum B2/C1).

Application

Process:

If you are interested in this position, please send the list of required documents electronically to the email address petra.polakovcova@savba.sk no later than November 15, 2026.

Required Documents:

- Curriculum Vitae (CV) in Europass format
- Copies of diplomas proving the achieved level of education and academic degrees, including any scientific qualification degrees
- Overview of scientific research results, including a full publication list
- List of citations
- List of research projects participated in to date
- Solemn declaration of full legal capacity
- Consent to the processing of personal data
- Criminal record check (not older than three months)