



The Rector of Pavol Jozef Šafárik University in Košice, pursuant to § 14(1) of Act No. 131/2002 Coll. on Higher Education Institutions and on Amendments and Supplements to Certain Acts, as amended, announces a selection procedure for filling the position of

## **Researcher in Vertebrate 3D Imaging Paleobiology**

The Technology and Innovation Park UPJŠ in Košice (TIP) supports and develops workflows with interdisciplinary scientists investigating macroevolutionary phenomena. TIP has a dynamic and expanding multidisciplinary user base, presenting opportunities to evolve this facility and further enhance its cutting-edge research. TIP provides and maintains well-equipped laboratories and runs field exploration programs on a global scale.

### **Job Description**

Analytical and synthetic activities in preparing the theoretical and methodological foundations for tasks related to the development of science and technology.

We are seeking a highly motivated Research Assistant to join the Evolutionary Biodiversity Research Group and the first Slovak Center for Integrative Paleobiology (INPAL). The successful candidate will have the opportunity to establish their own research program (including securing funding) within the research program priorities of INPAL. We particularly welcome applicants with a broad, interdisciplinary approach to paleobiology research, incorporating additional methods from evo-devo biology, biostatistics, computational biology, 3D imaging, and image analysis or other related fields. This position offers an exciting opportunity for interdisciplinary collaboration and career advancement in an international, dynamic research environment.

### **Key Responsibilities**

- Participate in ongoing and future research projects (including expeditions) within INPAL;
- Obtain external research funding;
- Develop and implement phylogenetic-comparative methods in the lab;
- Publish research findings in peer-reviewed journals;
- Collaborate with team members, participate in group meetings, and organize seminars;
- Mentor graduate students; and
- Contribute to institutional service and outreach activities;

### **Qualification requirements**

Completed third-level higher education (PhD level) or a student in the final year of third-level higher education, provided that the dissertation is submitted for defence by the end of June 2026, in one of the following fields: biology, ecology, physiology, zoology, paleontology, mathematics, bioinformatics, or related disciplines.

### **Desired Qualifications**

- Expertise in phylogenetic or phylogenetic-comparative methods and/or basic programming skills in R;
- Knowledge of 3D modelling or 3D imaging in general;
- Basic knowledge of osteohistology or the structure of biological systems;
- A strong publication record in international journals;
- Excellent communication and teamwork skills;
- Proficiency in English;
- For international applicants, knowledge of Slovak is an advantage.

### **Additional conditions and requirements**

- Employment will be for a fixed weekly working time of 37.5 hours.

### **List of required documents**

- Written application to be included in the selection procedure
- Copy of the certificate, diploma or other equivalent document of the highest achieved education
- Professionally structured curriculum vitae
- Motivational letter stating preferred research focus, research interests, academic achievements and how your expertise aligns with the laboratory's priorities
- Complete list of publications
- Two professional references
- Written sworn declaration of integrity; the successful candidate will be required to submit a criminal record extract not older than three months

### **Selection procedure**

Interview with a selection committee.

### **Expected start date**

Earliest start date September 1st, 2026

### **Date and place for submission of application and documents**

The deadline for submitting applications is June 12th, 2026. The decisive date is the date shown on the postal stamp, the date of personal delivery of the application, or the date of electronic submission. Applications submitted after the deadline will not be considered.

### **Address:**

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For questions related to the scientific aspects of the application, please contact the Head of the Centre for Integrative Paleobiology – Assoc. Prof. Martin Kunderát, RNDr., PhD., University Professor: martin.kundrat@upjs.sk

### **Additional information**

Duration of employment: The employment for the position is for 36 months with the possibility of subsequent extension.

Remuneration Salary in accordance with Act No. 553/2003 Coll. on the remuneration of certain employees performing work in the public interest, as subsequently amended.

The funds for this full-time position are available for 3 years initially. This position offers a unique opportunity for interdisciplinary collaboration and career advancement in the field of vertebrate history studies on our planet.

The Technology and Innovation Park of Pavol Jozef Šafárik University supports equality, diversity, and inclusion and encourages applications from all sections of society. The INPAL provides a collaborative environment with a wide range of developmental opportunities.

Košice 15.04.2026