

Postdoctoral researcher in forest genomics

Four-year position | Slovakia | Starting as soon as possible

The **Institute of Forest Ecology, Slovak Academy of Sciences (IFE SAS)** in Zvolen, Slovakia, invites applications for a **fully funded four-year postdoctoral position in forest genomics**.

The research focuses on the genomic basis of resistance, adaptation and resilience of forest trees to biotic and environmental stressors, primarily in Norway spruce (*Picea abies*). Genomic analyses will include GWAS, population and landscape genomics, genotype–environment associations and selection analyses, integrated with phenotypic, ecological and environmental data.

The successful candidate will take substantial scientific responsibility for genomic analyses, development of research questions, interpretation of results and preparation of high-quality scientific publications within an interdisciplinary project combining forest genomics, evolutionary ecology and forest disturbance ecology.

Applicants should have:

- a PhD in genomics, population genetics, evolutionary genetics, forest genetics, bioinformatics or a related field;
- a strong background in **plant, forest, population or evolutionary genetics/genomics**, with an understanding of the ecological and evolutionary basis of adaptation and stress responses;
- demonstrated expertise in genomic data analysis and strong quantitative/bioinformatic skills, including relevant pipelines and R, Python and/or command-line tools;
- a strong publication record appropriate to career stage, demonstrating **scientific excellence and the ability to lead high-quality research through to publication**; experience publishing in highly ranked international journals is highly desirable;
- the ability to work independently and a proactive, responsible and collaborative approach to research.

Experience with **forest trees, conifers, or plant responses to biotic and abiotic stress** is highly desirable. Participation in field sampling in mountainous forest terrain is expected; experience sampling mature forest trees would be an advantage.

International research environment

The position benefits from the continuing RESDiNET network, connecting IFE SAS with the Finnish Geospatial Research Institute, University of Eastern Finland and Swedish University of Agricultural Sciences, and providing opportunities for interdisciplinary international collaboration.

Position details

Location: Zvolen, Slovakia | **Duration:** Four years

Salary: Competitive within the Slovak academic and research sector

Deadline: Reviewed on a rolling basis until the position is filled; applications received by 30 September 2026 are strongly encouraged.

Application

Please send a **CV with publication list, brief motivation letter and contact details for two academic referees** to [resdinet.eu\[at\]gmail.com](mailto:resdinet.eu[at]gmail.com), using “**Forest Genomics Postdoc**” as the subject. Early applications are encouraged.

Further information: resdinet.eu