



Head of the Cancer cell research group Inese Cakstina-Dzerve (PhD) is seeking a fellow for MSCA European Postdoctoral Fellowships (PF) 2024 in drug resistance mechanisms in cancer cells and functional precision medicine assays

Leading researcher Inese Cakstina-Dzerve from Laboratory of Molecular Genetics, Institute of Oncology, Riga Stradins University is looking for postdoctoral candidates interested in applying for a Marie Skłodowska-Curie Postdoctoral Fellowships (MSCA-PF) in 2024.

What are the MSCA Postdoctoral Fellowships?

MSCA Postdoctoral fellowships support the career development of researchers for enhancing their individual competence diversification in terms of skills at multidisciplinary level and intersectoral experience.

What are the eligibility criteria?

- Hold a PhD at the call deadline and have 8 years maximum of research experience after the PhD.
- Mobility rule: the candidate must NOT have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for European Postdoctoral Fellowships), for more than 12 months in the 36 months immediately before the call deadline.
- For European Postdoctoral Fellowships candidates can be from any nationality.
- Strong publication record with at least 2 publications as first author.

Description of the Research Group

The cancer cell research group at the Riga Stradins University, Institute of Oncology, Laboratory of Molecular Genetics created by Inese Cakstina-Dzerve was developed in 2014. Lead researcher Inese Cakstina-Dzerve returned to Latvia after Fulbright visiting researcher fellowship at prof. Anthony Letain lab in Dana Farber Cancer institute and Harvard Medical School, Laboratory of Systemic Pharmacology where she learned the BH3 profiling – one of the methods of functional precision medicine to help assess the efficiency of drugs on cancer cells. She is also a member of Society for Functional Precision Medicine.

The main interests of the lab are: 1) hypoxia and drug resistance in solid cancer cell lines; 2) implementation of functional assays to detect drug efficiency in solid tumours (BH3 profiling); 3) extracellular vesicle based biomarkers in liquid biopsies for early diagnostics.

Keywords: cancer drug resistance, hypoxia, cell biology, molecular biology, molecular pharmacology, functional precision medicine, functional assays, oncology

How to apply?

If you are interested in the offer, have the required background and is eligible regarding the Mobility Rule, do not hesitate to apply by sending your CV and a recommendation letter to: Inese Cakstina-Dzerve: [inese.cakstina-dzerve@rsu.lv](mailto:inese.cakstina-dzerve@rsu.lv)