

Helmholtz-Zentrum Dresden-Rossendorf e.V.



With cutting-edge research in the fields of ENERGY, HEALTH and MATTER, around 1,500 employees from more than 70 nations at Helmholtz-Zentrum Dresden-Rossendorf (HZDR) are committed to mastering the great challenges facing society today. At the Institute of Radiooncology - OncoRay scientists (f/m/d) specializing in medicine, physics, biology and IT work together to crucially improve the treatment of cancer by administering radiation therapy that is biologically-personalized and technically-optimized. The Department of Radiobiology is looking for a Postdoc (f/m/d) Bioinformatics Associate/Fellow.

Postdoc (f/m/d) Bioinformatics Associate/Fellow

City: Dresden; Starting Date: 01/12/24; Renumeration: TVöD-Bund; Reference number: 2024/160; Closing date: 28/11/24

Working field

- Bioinformatic analysis of bulk, single-cell and multi-omics sequencing data sets from different sources (e.g. patients, in vivo, in vitro)
- Identification of novel cancer targets, biomarkers and key regulators/mechanisms/pathways according to the data set (RNA-seq, ATAC-seq, (phospho)proteomics, metabolomics, lipidomics) and the scientific question
- Support for data life cycle management of research data

Requirements

- Completed PhD in the field of Bioinformatics, Computational Biology, Biology or Biochemistry or comparable natural sciences
- Advanced experience in bioinformatics
- Knowledge in large scale genomics
- Experience in working with workflow managing systems such as Snakemake or Nextflow, HPC environments as well as knowledge in statistics is highly advantageous

What We Offer

- A vibrant research community in an open, diverse and international work environment
- Scientific excellence and extensive professional networking opportunities
- Salary and social benefits in accordance with the collective agreement for the public sector (TVöD-Bund) including 30 days of paid holiday leave, company pension scheme (VBL)
- We support a good work-life balance with the possibility of part-time employment, mobile working and flexible working hours
- Numerous company health management offerings
- Employee discounts with well-known providers via the platform Corporate Benefits
- An employer subsidy for the "Deutschland-Ticket Jobticket"

Application

We look forward to receiving your application documents (including cover letter, CV, diplomas/transcripts, etc.), which you can submit via our online-application-system: <https://www.hzdr.de/db/Cms?pNid=490&pLang=en&pOid=73163>

More information at <https://stellenticket.de/189123/>
Offer visible until 28/11/24

