Job Advertisement

cecava, a biopharmaceutical immuno-oncology company based in Tübingen (Germany) currently preparing to conduct first clinical trials, is searching for a motivated

Bioinformatician (f/m/d)

in full time

cecava is developing personalized cancer immunotherapies derived from tumor-specific mutations that give rise to neoepitopes. The successful candidate will be responsible for analyzing biomedical data and for developing, validating, and refining computational pipelines for Next-Generation Sequencing (NGS) analyses and neoepitope prediction and selection, to support cecava's clinical trials.

Your field of responsibility

- Together with the bioinformatics team, develop, validate, and refine computational pipelines for NGS analyses and neoepitope prediction & selection
- Support the documentation, testing and validation of computational pipelines in line with internal quality and regulatory standards
- Run bioinformatics pipelines in a GxP-regulated environment to support clinical trials
- Organize biomedical data (including database construction) and conduct statistical analyses and visualizations
- Strengthen the bioinformatics unit of the company and work within an interdisciplinary team

Our expectations

- Degree in Bioinformatics (MSc or PhD; alternatively, a BSc degree with at least 2 years of relevant work experience)
- Hands-on experience in programming, constructing, and containerizing pipelines and workflows
- Practical experience in programming and running workflows for NGS data analysis (ideally WES, WTS and somatic mutation calling; scRNA-Seq, TCR-Seq, etc. is a plus)
- Experience in software testing, validation and benchmarking is a plus
- Sound skills in scientific data processing, statistics, data analysis, and visualization
- Proficiency in Python and R (SQL is a plus)
- Ideally, hands-on experience in conceptualizing, programming, training and testing ML models
- Knowledge of GxP-regulations and/or GAMP5 framework is a plus
- Biological background, ideally in oncology, immunology, or immuno-oncology
- Self-motivated team player with independent working style and excellent problem-solving skills
- Good working knowledge of German and English (verbally and in writing)

Our offer

- An exciting opportunity to contribute to the development of a disruptive technology for the benefit of cancer patients
- Work within a dedicated team in an entrepreneurial, innovative, and open-minded working atmosphere
- Flat hierarchies and easy access to all company functions
- Free drinks and fresh fruits
- Job bike and Job ticket (Deutschlandticket)

Your application

Please send your complete application (including cover letter, CV, certificates, expected availability date, salary expectations, a complete list of publications and 2-3 references) by email and in one PDF document to jobs@cecava.com.

We look forward to receiving your application

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