We are looking to support our rapidly growing team as soon as possible:

-Computer Scientist/ Computational Biologist (f/m/x)

Department of Translational Genomics

TV-L: 38,5 h/week (100%)

fixed-term for 2 years as part of a third-party funded project

Your salary will be based on TV-L

Your tasks

We are looking for a talented, curious Computational Biologist/Computer Scientist with a strong interest in cancer genomics and cancer biology. The successful candidate will be involved in standardizing computational workflows, software development, large scale IT processes, highperformance computation, and developing novel concepts for the analysis of highly complex data sets in order to gain insight into cancer biology. Besides that the candidate will be responsible to handle standard IT tasks at our Department and manage the computational infrastructure for the SFB1399 project (e.g., data security, data sharing).

Your profile

The position requires a university degree in a relevant field, such as physics, mathematics, computational biology,
bioinformatics or biostatistics; preferably an advanced degree (Master of Science, Ph.D.), but we also welcome applicants with a Bachelor of Science degree and equivalent work experience. Profound experience in the
computational/mathematical analysis of complex data sets as well as programming skills (preferably C++, R or Python) are mandatory. Candidates should have a genuine interest in cancer biology, good

Your future with us

We are one of the leading university hospitals in Germany and network research, teaching and health care at the highest level. That's why many things are a lot bigger for us: the spectrum of exciting development opportunities. The limitless openness with which specialists from all over the world work together here. Or our commitment as an employer to support all employees as best we can in reconciling their job with their goals and life situations.

This is the University Hospital of Cologne: Everything but ordinary.

Your future in detail

Embedded in highly dynamic and competitive research environment with multiple national and international collaborations, the Department of Translational Genomics is focused on understanding fundamental aspects of cancer using highthroughput data and developing advanced computational models. We analyze genome, transcriptome, and proteome data acquired with state-of the art novel technologies from massively parallel sequencing (whole genome, whole exome, and transcriptome sequencing), single cell sequencing approaches and single cell proteomics. We thus aim to better understand the biological impact of genome alterations and molecular profiles identified in

communication skills, and should be capable of driving projects with a high degree of independence.

Please submit your application including a detailed CV, list of publications, two references and a brief statement of research interests.

these malignant cells, and their evolution during tumor progression. The research project will leverage from research programs as part of the collaborative research center SFB1399. The candidate will work closely with Prof. Martin Peifer, Prof. Dr. Roman Thomas and Prof. Dr. Julie George and the IT Center University of Cologne (ITCC).

Our offer

We offer a great work environment, intensive mentoring and several interactions with global leaders, both from academia and industry. In addition, the highly collaborative research environment in Cologne provides us with access to state-ofthe- art core facilities, including genomics, proteomics and imaging.

Applications from female candidates are expressly welcome and will be given priority in the event of equal suitability, competence and professional performance. People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification. The position is suitable for staffing with part-time employees.

Contact

Univ.-Prof. Dr. Julie George

Univ.-Prof. Dr. Martin Peifer

Universitätsklinikum Köln AöR
Geschäftsbereich Personal
Kerpener Str. 62
50937 Köln

Uniklinik Köln Karriere

Application deadline: 23.11.2025

Job-ID: n5zly7l6

apply now

We look forward to receiving your application and getting to know you!