



The **Leibniz Institute on Aging - Fritz Lipmann Institute (FLI)**, Jena (Germany), is a federal and state government-funded research institute and member of the Leibniz Association (Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz e.V.). FLI's internationally visible and highly competitive research is focused on understanding the mechanisms of aging and associated age-related diseases. Scientists from over 40 countries are currently investigating the molecular mechanisms of aging and the occurrence of age-related diseases. Our aim is to create the basis for new approaches in medicine as a way to improve health in the elderly (www.leibniz-fli.de).

The **Computational Biology Group** headed by Prof. Steve Hoffmann invites applications for a

Postdoc in Bioinformatics (m/f/d)

Tasks and Challenges:

The Computational Biology Group's primary interest is to contribute to a better understanding of the epigenetic control of transcription. In one of our exciting research projects, we are analyzing large and novel biological data sets from malignant childhood cancers. Therefore, we are looking for a postdoctoral researcher who would be keen to unravel epigenomic and transcriptomic mechanisms leading to cancer. Among other things, this project requires the identification of differentially methylated regions, differentially expressed genes, chromatin segments, and the integration of our data with public resources. The Post-Doc will have the opportunity to take the lead in carrying out and coordinating the activities in data analysis and is supporting our team of experimentalists and clinicians. www.leibniz-fli.de/research/research-groups/hoffmann/

Requirements and Profile:

Candidates should bring some experience in working with a multi-disciplinary team. Also, a background in statistics, data science, or applied genome informatics would undoubtedly be of help. Advanced programming skills in R are highly desirable. The group's wet-lab resources, as well as strong international collaborations, will help to quickly validate and test the hypothesis - making this project even more exciting!

- Degree (PhD, M.Sc. or equivalent) in (Bio-) Informatics, - Statistics, - Mathematics, - Physics or a related discipline
- Strong background in molecular biology and cancer biology or epigenomics
- Strong Interest in the development and application of methods for big data analysis
- Advanced programming skills in R, Strong commitment and work ethic

We offer:

- A position in a well-equipped and multi-disciplinary Research Group of a high quality institute for age research, which harbours several state-of-the-art facilities. Our work is embedded in the Beutenberg Campus, an interdisciplinary base for innovative research, Productive collaborations and plentiful opportunities to further develop professional skills
- A position integrated in the FLI PostDoc Network. The Network promotes interdisciplinary collaborations involving clinician scientists, basic scientists and bioinformaticians and supports career development and postdoctoral training courses
- A contract which is limited for two years initially. The contract conditions and the salary will be according to the collective labour agreement for public service employees of the federal states of Germany (TV-L E13)
- Flexible working time, a family friendly working environment including support for child care solutions and dual career

Application:

Candidates are encouraged to send their application (**Job-ID 20/02**) latest **by March 31st, 2020**

by email: jobs@leibniz-fli.de
one single-pdf-document

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