



Position for Bioinformatician

Recent advances in DNA sequencing technology make it possible to read billions of DNA bases in a single run. These ultra-high-throughput (U-HTP) sequencing technologies are changing the approaches to genome-related research and open up an era of personalized genomics, where each individual can have its own genome sequenced. Today, these new technologies enable novel approaches for small RNA discovery and detection, gene expression profiling, ChIP-SEQ, etc.

InteRNA Genomics, a subsidiary of InteRNA Technologies and based in Bilthoven, the Netherlands, offers services and software for processing, analyzing and presenting U-HTP sequencing data generated by various platforms. Our informatics solutions convert large sets of raw sequencing data into interpretable formats and integrate this information with existing proprietary and public data resources.

InteRNA Genomics is co-founded by Eugene Berezikov, Ph.D. and Edwin Cuppen, Ph.D., leading scientists in U-HTP data generation and analysis. Berezikov and Cuppen pioneered the application of high-throughput sequencing technologies for expression profiling and discovery of small RNAs and microRNAs in particular, as described in several high-profile papers.

To expand our team, we are currently looking for a

Bioinformatician - InteRNA Genomics

Competencies:

- Programming in Perl and C/C++
- Experience with relational databases
- Experience managing Linux-based computer systems
- Good communication skills
- Fluent in Dutch and English

Activities/Responsibilities:

- Analyze massively parallel DNA sequencing data
- Develop novel modular software for the analysis of MPS data
- Design and interpret microarray-based miRNA detection experiments
- Manage IT infrastructure (research only)

Education/Experience:

- M.Sc./ Ph.D. with strong biological or biomedical background
- At least 5 years of working experience in programming in a research environment
- Preferably knowledge of small RNAs, especially microRNAs

Personal profile:

- Hands-on mentality, drive, self-motivating
- Organized (time management)
- Flexible, can handle ambiguity
- Likes to work in a small start-up

Salary:

- Competitive (depends on education/ experience)

Career perspective:

- Depending on competencies and ambition, growth path to coordinator bioinformatics