

Our client Agenus / 4-Antibody, is an emerging global biopharmaceutical leader with sites in Lexington (US), Basel (Switzerland) and Jena (Germany), devoted to deliver high quality innovative novel therapeutics for unmet medical needs, specifically for patients with cancer.

Due to the strong growth 4-Antibody is expanding a multidisciplinary department with experience in biostatistics, genomics, bioinformatics, biotechnology, next-generation Sequencing (NGS), immunology, and molecular biology. Therefore we are searching for a

Senior Bioinformatics Scientist

for the Basel site to focus on analysis, visualization and interpretation of high-throughput profiling data, including NGS data.

In this position you'll have the opportunity to collaborate with talented and dedicated colleagues, develop and expand your career, be on the cutting-edge of science, and help treat disease.

Duties and responsibilities:

- Analyze and interpret high-throughput internal DNA and RNA sequencing data from Illumina sequencing platforms, with a specific focus on mutation identification and immunological characterization
- Analyze and interpret external molecular "big data" profiling data, including cancer mutation, gene expression, and immunological data
- Tight interactions with biotechnology and immunology teams
- Apply findings in both R&D and clinical projects for biomarkers and immunotherapies

Education, experience and qualifications:

Minimum

- PhD with extensive experience in bioinformatics, biostatistics, or related field
- Demonstrated excellence processing and analyzing large NGS datasets
- Extensive experience developing new software algorithms
- Proven statistical skills for data mining
- Excellent data visualization and communication skills
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player

Preferred

- Experience with cancer and immunologic pathways
- Familiarity with computational immunology, such as T-cell signaling pathways and TCR-peptide-MHC interactions
- Familiarity with bio-lead structures, including BCRs and TCRs

If you would like to be part of a highly motivated and passionate team we are looking forward to your application, which we ask you to send to:

eva-maria.bonetti@bonetti-partner.ch