

Bioinformatician

Caprion is seeking a highly motivated individual with experience in bioinformatics and proteomics. The Bioinformatician will perform analysis of proteomic mass spectrometry data using commercial and proprietary software. The successful candidate will also be responsible for evaluating sources of protein annotations and mass spectrometry data, testing analysis software and automating processes to streamline the production pipeline. The Bioinformatician will also be responsible for documenting various steps of the research platform, implementing QC procedures and providing scientific recommendations to improve the quality of the results.

Responsibilities:

- Perform analysis of mass spectrometry data using the Elucidator software.
- Evaluate protein annotations and proteomics mass spectrometry databases.
- Automate annotation data extraction, parsing, transformation and loading.
- Develop and improve software modules of Caprion's research platform.
- Document the Bioinformatics workflows, software and databases used in Caprion's analysis pipeline.
- Propose and implement quality control and data quality monitoring procedures.
- Provide scientific recommendations on how to improve the quality of the results and the throughput of the research platform.
- Perform ad-hoc analysis to evaluate data quality or improve the understanding of the results.
- Provide general bioinformatics and analytical support to the other research departments (Protein Analysis, Molecular and Cell Biology).

Skills Requirements:

- BSc in Bioinformatics, or equivalent (MS level degree preferred).
- Five years of work experience in genomics, proteomics or related field.
- Experience with a scripting language such as Perl, Python or Ruby.
- Experience with relational databases such as Oracle, SQL Server or MySQL.
- Ability to effectively use SQL to design queries for extraction of data from Oracle and MySQL databases.
- Solid understanding of molecular biology, proteomics and mass spectrometry.
- Strong oral and written communication skills.

Interested candidates should send their cv to careers@caprion.com