Student Assistant – Bioinformatics
Location: Lundbeck Headquarters Valby
Organization: Lundbeck
Position type: Part-time student assistant, 8-10 hours per week

About the Role

We are looking for a motivated and detail-oriented **Bioinformatics Student Assistant** to support our data analytics and research activities. You will work closely with our bioinformatics team to help maintain well-structured, high-quality datasets, process high-throughput sequencing data, and contribute to internal tools. This position is ideal for a student who is eager to apply their analytical skills in a real research environment and gain hands-on experience with production pipelines and cloud-based data applications.

Key Responsibilities

RNA-seq Data Production

- Support routine RNA-seq workflows
- Perform data cleanup, quality checks, and ensure output consistency
- Maintain tidy and well-organized folders, logs, and processed datasets
- Review and update sample sheets; curate missing or older metadata
- Retrieve external datasets from repositories such as GEO, SRA, ENA, etc.

Bulk RNA-seq Analysis

- Assist with simple data exploration tasks and generate basic summaries or visualizations
- Generate figures, reports, and summaries as needed

Single-Cell RNA-seq

- Locate, download, and prepare external scRNA-seq datasets for downstream analysis

General Applications & Cloud Support

- Contribute minor updates or bug fixes to internal bioinformatics tools as directed
- Contribute new features or enhancements to existing tools
- Help keep cloud-hosted data and resources organized, structured, and accessible

Qualifications

- Currently pursuing a **Bachelor's or Master's degree in Bioinformatics**, Computational Biology, Data Science, Molecular Biology with a computational focus, or a related field
- Strong experience programming in **Python and R**
- Familiarity with high-throughput sequencing data (RNA-seq and/or scRNA-seq) is an advantage
- Comfortable working in Linux/Unix environments
- Strong attention to detail, organizational mindset, and willingness to follow established pipelines
- Ability to work independently while seeking help when needed
- Interest in learning new tools, technologies, and analysis methods

What We Offer

- Hands-on experience with real biological datasets and production pipelines
- Opportunity to contribute to applications and tools used across the organization
- A collaborative environment with supportive colleagues and learning opportunities
- Flexible working hours to accommodate your studies

If you are interested in the position, please send your CV, application, and academic transcript to **AIOB@lundbeck.com**.
If you have any questions, you are also welcome to contact us at the same email address.