Title: Bioinformatician/Data-Scientist

Genetika+ is a VC backed award winning early stage start-up working on cutting edge technologies, developing a new diagnostic tool for the management of Major Depression. Our mission is to reduce the number of patients suffering, the time patients suffer and improve the quality of patient lives. We are recruiting a Bioinformatician to help contribute to our research program, offering a **significant and rapid growth opportunity**. The candidate should be a **highly motivated and independent** individual able to work with the rest of our scientific team on the development of new platform technologies. The successful candidate will be an accomplished data scientist or bioinformatician. We are based in Givat Ram, Jerusalem and offer remote working opportunities.

Principal duties and responsibilities:

In this position, you will be developing new algorithms, or applying and customizing existing algorithms, to identify new biological associations. You will have the opportunity to develop new software applications that will be part of a marketed product, incorporating these algorithms, with direct impact on patient care. You will also have the opportunity to interact and engage with Key Opinion Leaders, participate in conferences and develop scientific communications and peer reviewed publications.

Specifically, you will:

- Analyze large molecular datasets including and develop data models and databases.
- Develop and apply bioinformatics algorithms for multi-modal data including supervised and unsupervised machine learning.
- Design experiments and perform validations.
- Keep abreast of new methodologies, algorithms, and approaches through reading scientific literature and initiating scientific collaborations.
- Manipulate different data types, including genomics, imaging, and real-world-data.
- Generate algorithms for the automated integration of image processing and NGS data.
- Research and development of software, algorithms, and databases for big data analysis.
- Source/Initiate collaborations that secure access to novel or proprietary data and new computational methodologies to analyze biological data.
- Lead the development our bioinformatics program.

Qualifications & experience:

- MA or PhD in biological sciences, bioinformatics, computer science, engineering, mathematics or related field.
- Ambitious with a positive can-do attitude.
- Demonstrated experience in data analytics and machine learning.
- Expertise in NGS/genomic data analysis, real-world-data (e.g. health records), or imaging data.
- Proficient in Python, MATLAB, R and/or other relevant software.

Please send your CV to info@genetikaplus.com