

## Bioinformatician

*Genetika+ is a world-changing, award-winning biotech start-up based in Tel Aviv. We are working with cutting edge technologies to create a new unique tool in the treatment of Major Depression. Join us in our mission to help patients all over the world and make a real impact on the lives of millions of people. We are searching for a rock-star Bioinformatician to join our expanding data science team. The Bioinformatician will be part of the development and implementation of algorithms to identify new medical and biological biomarker sets associated with drug response. They will have the extraordinary opportunity to make their mark on a state-of-the-art software that will be part of a precision medicine product, solving a meaningful problem challenging people all over the world.*

### Principal duties and responsibilities:

- Lead Genetika+'s bioinformatics program
- Analyze and program predictive modeling using different data types, mainly genetics and RNASeq (NGS)
- Develop and utilize algorithms using heterogeneous data, including imaging, clinical records/real-world-data and genetics
- Use various modeling approaches including supervised and unsupervised machine learning models
- Be part of infrastructure design, implementation and maintenance, including ETL pipelines over cloud (AWS)
- Write and maintain software for processing big data from public and proprietary clinical trials
- Understand the strategic needs that will arise from different interfaces within the company and offer solutions

### Qualifications & experience:

- M.Sc. or Ph.D. in mathematics, computer science, bioinformatics or another related field
- Demonstrated experience in medical and/or biomedical data analytics and graphical presentation, machine learning and deep learning algorithm development/utilization
- Proficiency in SQL (preferably PostgreSQL / MySQL)
- Prior programming experience with R and/or Python
- Experience in working with public biological and/or biomedical databases, methods and tools
- Good understanding of biomedical data specifics - advantage
- Demonstrated experience with Natural Language Processing (NLP) - advantage
- Superb written and oral communication skills in English
- Ability and willingness to work independently, as well as part of a team
- Excellent oral and written communication skills, able to write technical reports and protocols
- Ambitious with a positive can-do attitude
- Attention to detail

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*Please send your CV and a paragraph on your relevant experience  
(Role: Bioinformatician) to [hire@genetikaplus.com](mailto:hire@genetikaplus.com)*

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