

Come and be part of our growing team in Plantae Bioscience!

Plantae Bioscience (<https://www.plantae.net>) is a convergence of the three most innovative plant biotechnology disciplines available today – metabolomics, computational protein and enzyme design and genome editing. By harnessing this expertise, Plantae creates technology solutions to address the unmet needs of health, food production and sustainability.

We are currently looking for talented scientists, to join our amazing work with computational biology. Please see description below.

If you have any further questions, please contact us through the email below.

Please send your application to: [zvia.maimon@plantae.net](mailto:zvia.maimon@plantae.net)

### Job Description – Bioinformatician / Computational Biologist

Responsibilities:

1. Assembling and managing a whole new database encompassing different data types (e.g. genomics, metabolomics, phenotypes)
2. Training AI or ML models that will predict environmental/ genotype effect on plant traits.
3. Managing the existing Plantae's database located on AWS cloud and work with the molecular team to create tools that unlock the information that fits their needs.
4. Overseeing and performing all the deep genomic analysis (RNAseq, GWAS, population genetics, Analysis of genome editing outcomes from deep sequencing data etc.).

## Requirements:

- Solid background in biology and computer science (PhD/ MSc).
- Fluency in python is mandatory
- Basic knowledge on data structure
- Deep understanding of machine learning models and their implementation
- Knowledge and experience with analysis of multiple sequencing platforms derived data
- Experience with cloud computing

## Advantages:

- PhD in computational biology
- Experience with SQL databases
- Computational protein design