

Tropic Biosciences™ | Bioinformatician Job Description

Who we are

Based in Norwich, Tropic Biosciences utilizes advanced genetic breeding technologies (e.g. CRISPR) in developing advanced commercial varieties of tropical crops, namely coffee and bananas. These massive crops play a critical role in global nutrition and trade but face tremendous disease and supply-chain challenges which we aim to solve using non-GMO innovative strategies.

We currently employ 15 experienced professionals and operate under the directorship of the former Heads of R&D for both Nestlé (Dr. Pétiard) and Syngenta (Dr. Lawrence). With this new position we seek to further grow our team and capabilities as we grow to become a dominant player in the global plant genetics market.

What we are looking for

We are seeking an experienced and outstanding bioinformatician to support our efforts of developing novel genome editing platforms and product pipelines. The recruit will work closely with other investigators to answer applied biological questions by performing genome-scale computational and statistical analyses. Your background must demonstrate a proven ability to work collaboratively to provide high quality research in a timely manner.

Job description

Your primary role will be to identify, invent, develop and implement computational biology methods to support the development of gene editing based technology and products. Our analysis scope is relatively diverse, spanning areas such as host/pathogen analysis, disease indications, sequence analysis, comparative genomics, pathways and networks, gene and regulatory RNA expression and text mining.

You will contribute to projects at all phases of the pipeline from initial design to field trials, and should feel comfortable working in a fast pace, dynamic work environment, and able to communicate complex informatics principles, methods, analyses and results to scientists from diverse backgrounds.

Highly sought attributes include:

- Ph.D. degree in Bioinformatics-related subject, preferably with 3-5 years postdoc and/or industry experience
- Experience in developing automated pipelines, mining large-scale genomic and RNA datasets, developing custom analysis tools and establishing internal repository data resources
- Excellent interpersonal and communication skills
- A demonstrated understanding of statistics
- Plant genomics background
- Strong scientific curiosity and initiative

Additional information

- **Job Location** –Norwich Research Park (Adjacent to the John Innes Centre), Norwich, England
- **Time Requirement** - Full time position
- **Compensation** – We offer a competitive compensation package to successful candidates

Application instructions

If you meet the above criteria, we would be happy to hear from you. Please send your C.V and covering letter to eyal@tropicbioscience.com and gilad@tropicbioscience.com, quoting the job title in the subject line of your email.