

Tropic Biosciences™ | Scientist 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-transgenic innovative strategies.

We currently employ 30 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 expand 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 a plant molecular biologist with strong background in microbiology to work in the development of novel and exciting precise genome editing (PGE) platforms and product pipelines. You will work closely with other investigators to answer applied biological questions relating to bacteria and their interaction with plant hosts. 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 support the development of bacteria-based PGE technology. You will contribute to projects at all phases of the pipeline from initial discovery to field trials. You will be comfortable working in a dynamic, fast changing environment, and able to clearly communicate complex biological mechanisms, methods, analyses and results to scientists from diverse backgrounds.

The successful candidate will have a Ph.D. degree in plant-pathogen interactions or a microbiology-related subject. Experience with bacteria-plant assays is essential. Knowledge/hands-on experience with bacteria genome manipulation and mutant characterisation is desirable.

Other highly sought attributes include:

- Excellent interpersonal and communication skills
- Ability to work independently and to tight timelines
- Strong scientific curiosity and initiative
- 3 years postdoc and/or industry experience would be highly advantageous
- Experience in plant tissue culture

Additional information

- **Job Location** –Norwich Research Park (Adjacent to the John Innes Centre), Norwich, England
- **Time Requirement** - Full time position
- **Job start date** – from March 1st 2019
- **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.