

Tropic Biosciences™ | Molecular Biologist Job Description

Who we are

Based in Norwich, UK, Tropic Biosciences utilizes advanced genome editing (CRISPR) and plant breeding technologies in developing new commercial varieties of tropical crops (e.g. coffee, banana, cacao). These multi-billion dollar crops play a critical role in supporting global nutrition and trade income but face intensifying disease and supply-chain challenges. We aim to solve these challenges through non-GMO genetic innovation.

CRISPR technology is already transforming the agricultural industry at the hands of major seed companies like DuPont and Monsanto ('Big Seed') who use it to develop their future varieties of corn, soy and cotton. Our goal is to employ and further innovate this proven tool in the massive, largely untapped, tropical crops sector. To achieve this goal, we built a team of successful AgriTech entrepreneurs and world-class researchers with unique expertise in our target markets.

What we are looking for

We are seeking an experienced molecular biologist 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 by performing various experimental procedures and basic computational analyses. Your background must demonstrate a proven ability to work collaboratively to provide high quality research in a timely manner.

Job description

Primary role will be to identify, invent, develop, implement and/or use experimental procedures to support the development of PGE-based products and methods in coffee and banana plants. You will contribute to projects at all phases of the pipeline from initial target discovery to field trials. You will be comfortable with working in a dynamic, fast changing environment, and able to communicate complex biological mechanisms, methods, analyses and results to scientists from diverse backgrounds.

The successful candidate will have a Ph.D. degree in a plant molecular biology related subject. Experience with basic molecular biology techniques such as genotyping (PCR), plasmids preparation, cloning, gel electrophoresis, sequencing, transformations etc. is essential.

Other highly sought attributes include:

- Excellent interpersonal and communication skills
- Ability to work independently
- Strong scientific curiosity and initiative
- Postdoc and/or industry experience including project management skills would be advantageous

Additional information

- **Job Location** –Norwich Research Park (Adjacent to the John Innes Centre), Norwich, England
- **Time Requirement** - Full time position
- **Job start date** – January 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 ofir@tropicbioscience.com, quoting the job title in the subject line of your email.