

Tropic Biosciences UK Ltd | Plant RNA Biologist

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 plant RNA biologist to work in the development of novel and exciting crop protection 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

Your primary role will be to support the development of RNA-based technology. You will contribute to projects at all phases of the pipeline from initial 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 an RNA silencing-related subject. Experience with RNAi experiments and molecular silencing analysis is essential. Knowledge/hands-on experience with CRISPR/Cas9 and tissue culture is highly desirable.

Other highly sought attributes include:

- Excellent interpersonal and communication skills
- Ability to work independently
- PhD level, with a specific research focus (PhD or MSc) in RNA Silencing related topics
- Experience in Micro-RNA work
- Experience in small RNA-seq library construction and sequencing analysis

Additional information

- **Job Location** – Norwich Research Park, Norwich, England
- **Time Requirement** - Full time position
- **Advert closing date** – 1st February 2019
- **Compensation** – a range between £30,000 - £35,000 annual base salary dependent on experience level

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.