

## **VACANCY: Senior Scientist – Quantitative Plant Genetics**

### **About the role:**

We seek an enthusiastic quantitative geneticist to join our expanding plant breeding R&D team. You will be working in our research facility in Kent, developing improved varieties of plants for the production of pharmaceutical compounds. We welcome applications qualified PhD qualified candidates with academic or industrial postdoctoral experience.

### **Detailed Responsibilities/Accountabilities:**

You will use your knowledge of plant breeding and quantitative genetics to develop plant varieties with improved traits. As well as developing statistical tools to predict plant performance from genotype data, you will also have a hands-on role in planning trial designs and managing the collection of phenotypic data. You will also be expected assist in some glasshouse and laboratory duties at times of peak demand.

### **Key Responsibilities/Accountabilities:**

- Obtain phenotypic and genotypic data from plants
- Implement the use of advanced statistical models for the selection of improved plants used for the production of cannabinoids
- Work in close partnership with colleagues in Plant Breeding, Horticulture and Botanical Characterization teams
- Maintain accurate records of results
- Providing clear and concise updates of your results to the project team
- Exhibit highly effective teamworking and communication skills and a motivation to solve technical problems
- Maintain the highest standards of health and safety
- Occasional travel (<10%) to monitor crops at external sites

### **Key Attributes/Skill/Education – Essential:**

- BSc in Statistics, Mathematics, Genetics, Plant Sciences or Bioinformatics
- PhD in Quantitative Genetics, Bioinformatics or Breeding
- Experience in using quantitative techniques in plant or animal breeding
- Experience in the Linux environment, and the ability to write scripts
- Experience with statistical/genetics packages in R or python
- A track record of delivering to deadlines
- Innate ability to be proactive and a desire to use own initiative

### **Key Attributes/Skill/Education – Desirable:**

- Experience in high-throughput extraction of DNA from plants
- Awareness of current technologies used for genotyping

Apply [here](#)



## About GW Pharmaceuticals

GW Pharmaceuticals is a cutting-edge UK-based biopharmaceutical company that over the last 20 years has established a world-leading position in cannabinoid science and the development of regulatory approved medicines derived from cannabis. Our mission is to transform the lives of seriously ill patients and their families. In October 2018 our achievements were recognized by TIME magazine which named GW as one of the 'Top 50 Genius companies of 2018 that are inventing the future'.

Having developed the world's first prescription medicine derived from the cannabis plant, Sativex<sup>®</sup>, which treats spasticity due to multiple sclerosis GW has now developed an oral formulation of purified cannabidiol (CBD), (approved as Epidiolex<sup>®</sup> in the U.S) for seizures associated with Lennox-Gastaut syndrome or Dravet Syndrome, two rare and severe early-onset, drug-resistant epilepsy syndromes. This is in addition to our deep pipeline of clinical stage cannabinoid product candidates under development for both orphan and non-orphan indications with a particular focus on neurological conditions.

In the UK we have close to 550 employees from a diverse range of backgrounds and disciplines based on four sites in Cambridge, Kent, London and Andover, along with employees working in the field. We also have a strong presence in the U.S. with around 250 U.S. employees, based both in Carlsbad, CA and in the field.

We are continuing to build out our teams and are looking for talented individuals dedicated to making a difference in the lives of our patients, and to exemplifying our company values.

Please go to [www.gwpharm.com](http://www.gwpharm.com) for additional information.

### **GW's VISION:**

Unlock the potential of cannabinoid science to transform the lives of the patients and their families

### **GW's MISSION:**

Lead the world in developing and commercialising regulatory approved cannabinoid medicines, putting patients first

Our efforts are guided by several fundamental values. At all times we strive to be:

- Patient Driven – We never forget who we're striving for
- Passionate – We are here to change lives
- Innovative – We challenge ourselves to find new and better approaches
- Collaborative – We accomplish more through working together and valuing one another
- Accountable – We take responsibility and deliver on our commitments
- Integrity – We are fair, honest, and ethical
- Excellence – We pursue the highest standards for ourselves and for our industry