



Fermentation Scientist

Full time

Competitive Salary

Bristol, UK

At Zentraxa, we are developing new technologies that allow the production of new biologically inspired materials. We have an exciting opportunity for a Fermentation Scientist to join our scale up and development team.

As our Fermentation Scientist, you will work join our team of biological scientists to support the development of our bio-manufacturing processes for the production of new peptide materials. You will have the opportunity to join the project at an early stage and impact our development of new manufacturing processes bringing great value to our team. The role is laboratory based and you will be expected to follow and refine technical Standard Operating Procedures on the upstream fermentation.

For this role, you will have had some hand-on experience with bacterial cultivation and expression of proteins in a bacterial host. Ideally you will be familiar with the operation of a bench top bioreactor. General laboratory skills including aseptic technique, buffer and media preparation are essential for this role. Your experience in supporting smooth lab operations will help our team to operate at maximum efficiency. You'll have a keen eye for detail, excellent time management and have great organisational skills.

Zentraxa is a University of Bristol spin-out biotechnology company founded in 2017. We are a growing company and will offer the successful candidate an interesting and enjoyable work environment within a highly motivated and innovative team of scientists. This role offers an opportunity to grow and develop your scientific skills and experience. The role is based at our headquarters located in Bristol's only dedicated scientific incubator, Unit DX (see www.unitdx.com for more details).

We are seeking a highly motivated individual with at least a BSc in Biochemistry, Biotechnology or related subject and at least one year post graduate experience, preferably including industrial experience.

Essential Skills

- Hand on experience cultivating bacteria for protein expression (OD measurements, SDS-PAGE)
- Preparation of biological media and buffers.
- Rigorous approach to experimental work including good aseptic technique
- Ability to precisely and accurately follow SOPS and laboratory protocols.
- Ability to accurately and concisely report experimental work to other team members.
- Ability to troubleshoot problems independently or where appropriate asking for advice.

Desirable:

- Experience using a bioreactor
- Experience working on industrial process development
- Previous experience working in an SME

What you will do:

- Ensure upstream (fermentation) scale-up development work progresses in a timely fashion.
- Responsible for routine operation of a bioreactor
- Ensure prepared stocks of sterile media, buffers, reagents etc. are available and in date.
- Ensure good laboratory practice and safe working is adhered to.
- Ensure accurate records are kept allowing full traceability of any experimental data.
- To contribute to overall laboratory efficiency.

Expected Start Date:

Ideally by 1st November 2020

To apply for this position, please email your CV and a covering letter highlighting why you fit the role to jobs@zentraxa.com. Please include “Fermentation Scientist” in the email subject. Any applications without a covering letter will be discarded.

Eligibility and Expectations

- In order to qualify for this position, you **must** be authorised to live and work in the UK.
- You must have respect for others and a commitment and enthusiasm for high standards and continuous improvement.
- At Zentraxa we value diversity. We are an equal opportunities employer and actively encourage applications from people of all backgrounds regardless of gender, ethnic origin, disability, age, religion or sexual orientation. Please let us know if you have any special requirements in relation to this recruitment process.

Important information regarding your application:

Please note that we will not be confirming receipt of applications. With regard to an application, the procedure outlined will be followed:

- Zentraxa will keep records of your application strictly for recruitment purposes.
- Any recruitment documentation will be kept for 12 months following the job position being filled.
- The successful candidates' recruitment documentation will be kept in accordance with Zentraxa's Internal Personal Data Policy.

If you wish for your information to be removed from our records before that date, please mention this in your application.