



## **Senior Materials Scientist**

**Full time, Permanent**

**Competitive Salary**

**Bristol, UK**

We are currently looking for a Scientist with a background in materials formulation and characterisation to be the technical lead on our new product innovations. This is a part office, part lab-based role at our premises in St Philips, Bristol.

### **What we do**

Zentraxa is a Bristol-based biotechnology company. Our custom-designed biomaterials are inspired by natural systems and precision engineered to deliver the performance enhancements our target markets are actively seeking. Providing groundbreaking solutions to difficult problems in industry and with a track record of producing adhesives for defence & medical applications, our proprietary Zentide platform allows us to discover and produce innovative, otherwise inaccessible biomaterials in a repeatable, sustainable and scalable manner. By making biomaterial solutions more effective & accessible across a range of industries, we aim to contribute to a biomanufacturing revolution and a more sustainable future.

### **Working at Zentraxa**

We see Zentraxa as playing a key role in the long-term mission to adopt more sustainable processes, rooted in biotechnology, across an increasingly wider array of industries. Our mission is to make fermented peptides and proteins more accessible to new industries. We deliver our innovations by rigorous scientific work and thinking creatively about industrial problems. Our belief is that fundamental change requires small steps to deliver a greener future that is economically viable for all.

We provide a supportive and nurturing environment for our employees, offering opportunities for individual growth alongside delivery of the company's core mission and objectives. We ensure our employees have regular one-to-ones and progress reviews, as well as frequent team catchups and socials.

We work and communicate as a team, trusting each other to be in the right place at the right time and to do the right thing so that everyone can balance their work and home commitments in a way that works best for them. We offer flexible working, delivering to company and project needs around a schedule that works for you and your team. Other benefits include 26 days annual leave per year in addition to bank holidays, and eligibility for the company share option scheme.

## **What we're looking for**

The main focus of the role will be to develop and characterise Zentraxa's formulated peptide material products to customer defined target specification. We are looking for someone still prepared to be hands-on in the role, supporting the delivery of technical requirements in the laboratory as required.

As project lead you will inform the development of our products from your expertise and ability to interpret material testing and characterisation data. We are recruiting a replacement for an existing role, and you will join mature projects developing novel adhesive products for medical applications, as well as support new product development at the proof-of-concept stage with applications in defence & automotive and personal care. Through both a creative and critical scientific approach you will ensure that we bring these products to market by meeting our customers defined target specifications.

They will be able to work alongside strategic partners to ensure Zentraxa technology integrates into existing manufacturing ecosystems, guaranteeing that process steps are captured in detailed Standard Operating Procedures and enabling efficient technology transfer to research and manufacturing partners.

You will work closely with the CTO to create processes and lead improvement of R&D-related activities, from design through to release and beyond, to ensure that projects are delivered on time and on budget.

You will play an integral part in our team, and your main responsibilities will be to:

- Draw up and manage project delivery against suitable targets, both internal and collaborative projects with external partners.
- To identify key performance benefits and provide supporting performance data.
- Establish productive working relationships with strategic partners.
- To develop concepts into formulated prototype demonstrations.
- To define and implement test methodologies for materials characterizations.
- Ensure technology development aligns with the company's IP strategy.
- Ensure technical procedures are developed into easy-to-follow SOP's
- To work with the R&D team on development of novel formulations for Zentraxa's peptide materials.
- Responsible for maintaining lab efficiency, good laboratory practice and safe working.
- Ensure accurate records are kept to allow full traceability of any experimental data including checking junior team members lab notes.

## **The experience you'll need**

We are looking for someone who meets some or all the following criteria:

- PhD qualification or equivalent R&D experience.

- Direct, hands-on experience of materials characterization, including but not limited to DSC, TGA, adhesive testing. Previous experience of medical adhesives would be an advantage.
- Demonstrated experience of project management with demonstrated contribution to successful project delivery.
- Desirable to have experience characterizing bio polymers e.g. hydrogel materials and medical adhesives (e.g. hydrocolloids)
- Experience implementing and maintaining effective and safe laboratory practice (e.g. GLP)

### How to apply

To apply for this position, please email your CV and a covering letter highlighting why you fit the role to [jobs@zentraxa.com](mailto:jobs@zentraxa.com). Applications will be reviewed on a rolling basis. Please include “Material Scientist Project Lead” in the email subject. Any applications without a covering letter will be discarded.

**NO AGENCIES PLEASE:** We prefer to fill our roles without the help of recruitment agencies. Thank you in advance for respecting this.

### Expected Start Date:

Ideally March 2022.

### Eligibility and Expectations

- In order to qualify for this position, you **must already be authorised to live and work in the UK, we cannot sponsor visas.**
- 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:

- We will be running a rolling recruitment process and will close the role once it is filled.
- 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.