

## Job Description

<b>Role</b>	Senior Particle Scientist
<b>Location</b>	Alderley Park, Cheshire, England
<b>Job Type</b>	Permanent
<b>Salary</b>	£45,000-£70,000
<b>Date posted</b>	28th January 2021
<b>Start date</b>	Negotiable - Q2/Q3 2021

### The Company

Sai Life Sciences is an expanding Contract Research & Development and Manufacturing Organisation (CDMO) working with 7 of the top 10 pharma companies globally, as well as many leading smaller biotechs. We work with our clients to accelerate the discovery, development and manufacture of complex small molecules for a healthier tomorrow. With more than 2000 staff globally and ambitious growth plans, our vision is to support our global innovator partners to bring 25 new medicines to life by 2025.

Marking the completion of 20 years since inception in 2019, the company began an organisation-wide initiative to significantly expand and upgrade its R&D and manufacturing facilities, deepen scientific & technological capabilities, strengthen automation and data systems, and above all raise the bar for safety, quality and customer focus. Guided by the insights and feedback from its customers, it committed to investing over US\$150M between 2019 and 2023. Part of this investment in 2020 were the new state of the art laboratories in our centre of excellence for process chemistry and analytical development at the Alderley Park Biotech & Life Science Cluster, where we are now looking to significantly expand both staff numbers and capabilities. Our team currently consists of 24 multi-disciplinary scientists (chemists, analysts and engineers).

Non-GMP manufacture of kg quantities of intermediates and APIs is currently possible within our bespoke Scale-up laboratory facility. During 2021 a new GMP Kilo-lab facility will be created capable of multi-kg quantities of GMP API suitable for early phase clinical studies. The developed processes may then be transferred to Sai's manufacturing sites in India for further scale-up as required.

This is a great opportunity to work with an expanding global organisation and work closely with some of the most innovative biotech and pharma companies on their most important programmes.

### The Role

- You will join a team that identifies, develops and optimises synthetic routes to APIs, supporting both early and late phase development.
- The successful candidate will have a strong technical grounding in crystallisation design and control of physical properties with >5 years' experience in a relevant industry
- The role requires a detailed knowledge of the fundamental science and particle properties underpinning particle formation, particle growth, product isolation and drying. Experience of successful transfer of processes developed in the laboratory to pilot and/or manufacturing scale is also key, as the team is responsible for developing robust, high yielding processes that control quality and are readily scaled up.
- You will be responsible for delivery of phase appropriate particle formation, isolation and drying processes for relevant projects at Manchester. They will deliver projects at all phases of development through the leadership of an interdisciplinary team of scientists and engineers

applying particle science and particle engineering concepts in tandem with the application of cutting-edge screening, scale-up and PAT technology.

- The opportunity to lead an interdisciplinary team may be available to the appropriate candidate.

### **Essential Requirements**

- PhD or Post-doctoral research project with a specialism in Materials Science or a related discipline.
- Extensive expertise in crystallisation development, isolation and drying to support early, mid or late-phase route and process development of APIs and intermediates, gained through roles in either the pharma industry or related CDMO.
- Expertise in the application of available techniques to assess the physical properties of materials and their potential effects on chemical processes.
- Demonstrated competence in leading and driving change, effectively implementing best practice in their own team and wider organisation.

### **Key Roles and Responsibilities**

- Providing expert input to design, optimise and troubleshoot crystallisation, isolation and drying processes to deliver robust and reliable processes for pilot scale and manufacturing plant.
- Working within multi-functional project teams operating to tight deadlines.
- Leading particle sciences related change implementation programs at the Manchester site to ensure alignment with similar groups at our India sites and to embed the understanding and design of crystallisation, isolation and drying in chemistry project teams at Manchester.
- Executing work to meet project timelines.
- Application of new or novel technologies to support projects.

### **Key Attributes**

- Ability to solve complex scientific problems.
- Excellent communication skills to interact internally with project teams and externally with customers
- Good project management and supervisory skills.
- Collaboration and influencing skills to build partnerships with the other disciplines at Manchester, similar groups at our R&T centre in Hyderabad, and with our customers.
- Conscientious with a can-do attitude and through attention to detail.
- A team player.

### **The Offer**

- A competitive Salary and Benefits package including company pension, health and life insurance, 25 days holiday per year and enhanced family leave.
- Work in a state-of-the-art facility on one of the country's leading Biotech & Life Science Parks.
- Flexible working hours and conditions to suit the right candidate.

### **Next steps**

Please send your CV and cover letter to [recruitmentuk@sailife.com](mailto:recruitmentuk@sailife.com) with details of the role that you are applying for.

As an Equal Opportunities employer, we welcome applications from all suitably qualified persons regardless of their race, sex, disability, religion/belief, sexual orientation or age.

Please note that Sai Life Sciences Ltd is unable to sponsor the visas for any candidates for the above role.