



Company Description

Spirea is an exciting and ambitious biopharmaceutical company developing a new class of cancer therapeutics to treat a range of solid tumours where there is a significant unmet need. The company is using its novel, wholly owned, high drug-to-antibody ratio linker technology to significantly improve antibody drug conjugate (ADC) efficacy and tolerability and to generate an exciting pipeline of differentiated, superior and stable cancer therapeutics.

Spirea is based in Cambridge, UK and has recently secured £2.4M in seed financing.

Job description: Senior Scientist – Chemistry/Drug Discovery (full-time)

We are recruiting a highly self-motivated, independent, and creative Senior Scientist, with a background in synthetic chemistry and significant experience in antibody drug conjugates / drug discovery and development.

This is an exciting opportunity to support and help coordinate Spirea's discovery-stage R&D activities and to play a key role in the development of a pipeline of innovative antibody drug conjugates. It is expected that the postholder will advance into increasingly senior roles as the company grows, broadens its operations, and collaborates with pharmaceutical companies.

The primary responsibility will be to work closely with, and oversee, Spirea's contract research organisation (CRO) partners in the design, synthesis, characterization, and in vitro/in vivo testing of the company's antibody drug conjugate programmes.

The successful candidate will be skilled in the interpretation of in vitro and in vivo data to inform technical strategy and decision making and will be expected to function with a high degree of independence whilst working collaboratively within a multidisciplinary team across organisations.

Initially, the position will be predominantly home-based (flexible) with periodic company meetings in Cambridge (UK). The role will commence as soon as possible.

Responsibilities:

- Oversee and coordinate day-to-day research activities in collaboration with CRO partners to ensure the timely delivery of technical objectives.
- In collaboration with CRO partners, design and evaluate linker-drug payload constructs and bioconjugation methodologies to achieve the desired target product profiles.
- In collaboration with CRO partners, develop in vitro and in vivo methods to assess stability, efficacy, pharmacokinetic and safety profiles of drug candidates in line with project goals.
- Review in vitro and in vivo data to monitor progress and inform technical strategy and decision-making
- Draft and review research documentation, such as reports, presentations, publications, manuscripts, patent applications, and/or summaries. Dissemination of research findings to internal and external audiences through publication and presentation of research results. Translation of validated research data and processes into publications or patent applications.

- Maintain a high level of familiarity with relevant scientific and technical literature with the ability to appropriately apply new developments to internal research projects.

Qualifications and experience:

- PhD in Chemistry-related subject
- 5 years of relevant postdoctoral research experience, ideally involving significant time in an industry setting
- Expertise in synthetic chemistry with an emphasis on bioconjugation, ideally in the field of antibody drug conjugates
- Experience of the drug discovery process, ideally in the development of antibody drug conjugates
- Able to work successfully and confidently in collaboration with CROs, the management team, advisors, and consultants
- Excellent communication (both verbal and written) and interpersonal skills
- Ability to effectively present results, interpret in vitro and in vivo data, and draw conclusions regarding presented material
- Able to understand drug discovery project goals and methods and think critically and creatively to generate ideas to positively impact project goals

Start Date: Negotiable

Salary: Competitive compensation package including share options

Closing Date: 12/08/2022

To apply, please send your CV and Covering Letter to: contact@spirea.co.uk