

CatSci Ltd, based in Cardiff, UK, is an innovation partner to the chemical research, development and manufacturing industries, specialising in the process research and development for manufacturing drug substance and other high value materials. CatSci Ltd has extensive knowledge and expertise in a wide range of chemistry from discovery support through to full scale manufacturing and lifecycle management.

**As the company continues to grow and maintains its focus on green chemistry, CatSci require additional experienced technical staff to join a dynamic team in our world-class facility. We are seeking a scientist with expertise in the design, optimisation and scale up of catalytic processes to join the process research and development group within CatSci.**

*Location: Cardiff, UK*

*Contract: Permanent, full-time*

*Compensation: £36-50k, 25 days annual leave, company benefits and annual bonus*

### **Key Responsibilities and Accountabilities**

Your responsibilities will include:

- Proposal and identification of efficient and robust synthetic routes for the preparation of APIs
- Disciplinary scientific leadership in API project leading to the incorporation of safe, environmentally sustainable and robust chemocatalytic steps into synthetic routes
- Using medium and high throughput experimentation to deliver data rich solutions to customers
- Using your technical expertise to coach and mentor team members in order to raise awareness and expertise of catalytic processes
- Championing new science and technology initiatives that improve CatSci's ability to provide catalysis solutions to clients
- Taking personal responsibility for the quality, integrity, communication and delivery of science on projects, and maintaining strong operational relationships with customers.

### **Knowledge and Skills**

The ideal candidate will:

- Have a PhD in chemistry with at least five experience of industrial process chemistry with a technical focus on catalysis
- Have state of the art knowledge of transition metal catalysis and asymmetric hydrogenation
- Knowledge of heterogeneous catalysis, biocatalysis and predictive modelling would be advantageous
- Role model a high standard of technical work with ability to simultaneously deliver value to multiple projects

- Have advanced skills in using design of experiments, automated laboratory technologies and kinetics to solve demanding problems in catalysis
- Have advanced data management and visualisation skills
- Have good knowledge of applicable standards and an understanding of SHE

### To Apply for this Position

Please send a CV to [hr@catsci.com](mailto:hr@catsci.com) with a covering letter outlining why you believe you are qualified for this demanding and exciting role.

Applications will only be considered if received by e-mail. Applicants must be eligible to work in the UK and must be fluent in both spoken and written English.

### Abbreviated person specification

- Self-motivated and results-oriented with a clear personal focus on delivering demanding project objectives
- Ability to challenge the status quo, approaching challenges with a growth mindset
- Capable of mentoring and developing team members
- Good communicator, using written and verbal media; able to advocate and justify personal opinion, but equally able to take on board differing opinions and work collaboratively
- Confident to make decisions with integrity to support the business
- Enthusiastic and keen for challenging new experiences and learning.
- Works well with others as a team player to ensure collective goals are achieved.
- Demonstrates a clear growth mindset and genuine commitment to the time and effort needed to develop oneself and others
- Understands customers and uses that insight to provide value
- Continuously support a culture of continuous improvement, providing regular feedback that enhances team performance