



Alderley Park, Cheshire

Role Descriptor: Principal Scientist

The role holder will be a core team member at NanOptima and will play a leading role in the design and development of revolutionary treatments that will improve the standard of care in retinal diseases

The Opportunity

NanOptima is looking to recruit a Principal Scientist to join our highly driven and growing team based at Alderley Park, Cheshire.

This is an excellent opportunity for a PhD graduate in pharmaceutical or material sciences, or related discipline, with up to ~3 years relevant R&D experience. The role will appeal to someone proficient in the design and characterisation of hydrogel materials, ideally for drug delivery applications, with skills in various *in vitro* analytical and characterisation techniques.

About the Role

As part of our multi-disciplinary R&D team, you will have a leading role in the day to day operational and technical delivery of our research programme. You will be lab based and will design, characterise, test and develop hydrogel drug delivery depots for the temporal delivery of ophthalmic therapeutics to meet NanOptima's objective of improving the treatment of retinal diseases.

Supported by our wider Team, you will also contribute to the development of innovative products and their translation to help aid the growth of our commercial activities. In return, we will provide you with the opportunity to develop your research, technical and leadership skills and gain invaluable experience to develop your scientific and commercial expertise.

Main Duties and Responsibilities

- Utilise scientific and technical expertise to help progress NanOptima's business objectives
- Design, develop and execute laboratory experiments focussed on NanOptima's scientific goals
- Interpret data and provide recommendations to CSO for further experimentation
- Play a leading role in operational delivery of research in the lab
- Retain accurate and detailed laboratory records and deliver reports
- Work safely and responsibility adhering to all rules and procedures

Scientific & Technical Knowledge

- PhD or equivalent experience in R&D in pharmaceutical, materials or life sciences, chemistry or related scientific discipline
- Expertise in the design, characterisation and application of hydrogel materials

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- Experience of biologics assay development, optimisation and qualification
- Appreciation of in vitro pharmacokinetic, efficacy and safety evaluation of materials
- Curious about science and broadens own scientific knowledge at every opportunity

Wider Skills and Capabilities

- Excellent teamworking and communication skills
- Able to act as a leader and also work independently
- Develop scientific objectives and solutions to complex problems
- Demonstrate critical thinking
- Flexible, adaptable and resourceful
- Effectively manages own time against project priorities
- Acts with urgency and takes smart risks to drive progress forward
- Sets high standards for self and others