

Synthetic & Materials Chemist

Competitive compensation package with ability to participate in the company share option plan; Manchester, UK

Reporting to the Chief Technology Officer, you will be joining Nanoco's team of R&D scientists as an organometallic/inorganic chemist to work on the development and synthesis of novel and existing quantum dots and their applications. The role is based in Nanoco's state of the art materials laboratory in Manchester, UK.

Responsibilities will include the development of new types of quantum dots which will involve the synthesis and handling of highly air and moisture sensitive liquids and solids (Schlenk, high vacuum and dry-box techniques are essential). The position will also involve working closely with global customers.

You should have knowledge in the use of analytical instruments including transmission electron microscopy, gas chromatography/mass spectrometry, UV-vis, PL, FTIR, powder X-ray diffraction, thermo-gravimetric analysis, multinuclear NMR.

You will need to hold a Ph.D. in Chemistry, covering nanomaterials, colloidal chemistry, organometallic and/or inorganic synthesis. You should be skilled in air sensitive synthetic techniques with nanoparticle, colloidal chemistry and ideally have quantum dot experience. Critical thinking and ability to solve problems independently is essential. You need to be fluent in spoken and written English and have good IT skills. You should be motivated by the challenge of working in a fast moving, rapidly growing company.

Nanoco Technologies Limited is a leading nanotechnology company developing and producing fluorescent semi-conducting materials called quantum dots. Established in 2001, Nanoco has grown rapidly by working in close collaboration with leading quantum dot application developers around the world.

This is an outstanding opportunity to be part of a dynamic environment where your contribution will earn full recognition and reward.

We are proud to promote an open culture, encouraging people to be themselves and giving their ideas a chance to flourish.

Qualified candidates should submit a CV and covering letter to:

Human Resources
Nanoco Technologies Ltd
46 Grafton Street
Manchester
M13 9NT
United Kingdom

Or email to hr@nanocotechnologies.com Tel: +44 161 603 7911 Web: www.nanocotechnologies.com

Because of the changing nature of our business your job description will inevitably change. You will, from time to time, be required to undertake other activities of a similar nature that fall within your capabilities as directed by management.