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Job Offer: R&D Lab Technician Specialized in Organic Synthesis

Avroxa is a technology based company specialized in the development of innovative polymers and macromolecules. We develop innovative materials for application in various fields with a focus on therapeutics, drug formulation, nanomedicines and biomaterials.

We are rapidly growing our activities and are seeking positive, proactive and professional individuals to join our dedicated team. To support our continuous growth and reinforce our R&D team in Ghent we are looking for an **R&D Lab Technician**.

In our labs we create new science, develop new scalable synthesis methods and apply innovative technologies for high quality monomer and polymer production. Joining our team you will be working on the exciting chemistry and technology that make us the reference developer of high-quality, ultrapure poly(2-oxazoline)s and polyalkyleneimines.

Responsibilities

- Provides assistance and support to the R&D scientists.
- Participates in the synthesis and purification of a range of organic molecules, utilizing techniques such as filtrations, distillations, flash chromatography, size-exclusion chromatography, etc.
- Synthesizes a wide variety of (co-)polymers, including post-polymerization functionalization, following and adjusting existing procedures.
- Characterizes the obtained materials using a variety of techniques such as NMR spectroscopy, Size Exclusion Chromatography (GPC/SEC), HPLC, IR, UV-VIS spectroscopy, etc.
- Familiar with purification techniques such as flash chromatography, preparative GPC/SEC, preparative LC, automatic purification systems.
- Supports in lab and equipment supervision monitoring the stock (consumables and chemical reagents).
- Out of the lab, you will register the information related to experiments and synthesized materials electronically and are responsible for the traceability of the performed operational work through recording of all data and results in specified forms (paper and electronic) with accuracy and accountability.
- Communicates and coordinates efficiently with your colleagues in a global cross-functional team.

For this role we are looking for candidates with

- Bachelor or Master degree preferably in chemistry, or chemical engineering.
- Strong safety mindset.
- Skilled in **organic synthesis** and understand the scientific principles related to the operation of standard laboratory, analytical, and/or processing equipment. Familiarity with polymer chemistry is an asset.
- Strong desire to develop bench skills.
- Good command of English, oral and written. Ability to draft reports.
- Excel, PowerPoint and Word proficiency is a must.
- Collaborative and communicative. Can work independently, precisely and time-consciously.
- Thinker and doer. Hands-on.
- General interest in applied research, developing technical knowledge, operation and maintenance of analytical and process equipment.
- Previous experience in an industrial setting is an asset, particularly in the organic synthesis or specialty polymers domains.

Offer

Research contract – full time, as R&D Lab Technician in a stimulating international R&D environment.

This is your opportunity to be part of a growing start-up specialized in a revolutionary polymer platform with the potential to shape the future of biomedicine.

We offer an exciting position in our rapidly expanding company, with plenty of possibilities for growth within the organization. We look for talent and will adapt the role to the right person.

Interested?

For more information please contact Victor R. de la Rosa, tel.: +32 487 196 739, and send your CV and motivation letter to careers@ultraxa.com.