

Futurity Bio-Ventures Ltd**Role: Research Chemist****Location: Auckland****Type: Junior/Mid Full-Time**

Futurity Bio-Ventures Ltd (www.futuritybioventures.com) is a New Zealand-based start-up developing high-value renewable chemicals from lignin. The mission is to create more sustainable, innovative solutions that enable advancements in New Zealand and the global bioeconomy.

Role Overview

Seeking a passionate, self-motivated, and detail-oriented junior/mid-level research chemist to join the research and development team. This role is suited to chemistry graduates or professionals with laboratory experience who wish to contribute to collaborative, industry-driven research in a dynamic start-up environment. The research chemist will play an active role in experimentation, product development, process scale-up and optimization, and data analysis to advance renewable chemical technologies.

Key Responsibilities

- Support, design, and execute laboratory experiments focused on lignin-derived chemical processes, contributing to new product development and pilot-scale processing.
- Assist with external trials, process development and product validation.
- Prepare and handle chemical reagents, solutions, and samples with expert care and protocols.
- Conduct analytical testing and routine analyses using FTIR, UV-visible spectroscopy, chromatography, and other relevant methods.
- Record, analyze, and maintain accurate laboratory data following safety and quality standards.
- Collaborate with the R&D team to optimize procedures and improve product development outcomes.
- Compile technical reports and present research findings to the team.
- Maintain a clean and organized laboratory environment following best practices.
- Work collaboratively with multi-disciplinary teams, including commercial and engineering, to advance strategic company objectives.
- Stay up-to-date with current scientific advancements, and contribute to process innovation in sustainability and renewables.

Qualifications and Skills

- Bachelor's, Master's or PhD degree in Chemistry, Chemical Engineering, Process Engineering, Materials Science, or a related field.

- Practical laboratory and/ or industrial experience and a strong understanding of material chemistry and laboratory techniques.
- Demonstrated experience in piloting, scaling up chemical processes, or transferring laboratory procedures to larger-scale or commercial production environments.
- Knowledge of lignin or bio-based materials is desirable.
- Familiarity with analytical methods (HPLC, FTIR, GC-MS) and data analysis software such as Origin or MagicPlot.
- Strong organizational and documentation skills, with excellent technical communication abilities.
- Enthusiastic about sustainability and renewable chemical innovation.
- Collaborative approach with experience planning projects and managing timelines on multidisciplinary teams.
- Equipment selection and procurement.

What We Offer

- Hands-on experience with advanced renewable chemical technologies.
- Mentorship from experienced professionals in the field.
- A collaborative, innovative, and supportive work culture.
- Employees share option opportunities for contributing to impactful company growth and benefiting from the company's success.
- Opportunities to work on projects that make a difference.

Interested candidates should apply with a CV and a one-page cover letter describing suitability for this role. Please send to jacob@futuraitygroup.co.nz