

Research Scientist, Biomaterials extraction

MadeRight, a young startup that harnesses fungi to create sustainable materials, is looking for a highly skilled CHEMIST to join us and be part of our chemistry development team! The company seeks team members who are bold, productive, resourceful, and imaginative.

Primary work will focus on material extraction, purification, characterization, and data collection. This position is responsible for assisting in all aspects of experimentation, which may extend to data analysis and interpretation. This position will also support overall research operations with routine tasks and maintenance.

Responsibilities

- Conduct laboratory experiments and process optimization
- Analyze data and interpret results to inform process development
- Develop working protocols and review technical reports
- Manage lab stock of reagents and consumables related to workstreams
- Comply with company lab policies and procedures of routine workflows (e.g., proper documentation of all research observations and results)
- Clear communication on timelines, deliverables, and observations

Qualifications

- MSc in Organic Chemistry/Polymer Chemistry/Material Science – Mandatory
- Hands-on experience in chemistry laboratory work – Mandatory
- Experience in polymers and biopolymers chemistry– Advantage

Required Skills

- Familiarity with organic chemistry laboratory techniques, such as chemical reaction, filtration, phase separation, and precipitation.
- Familiarity with statistical methods, design of experiments, and data analysis
- Ability to work independently and as part of a team
- Exceptional organizational skills with strong attention to detail
- Critical thinking skills
- Ability to document data with integrity
- Technical writing experience
- Basic ability to use data management software
- Comfortable learning quickly when faced with unfamiliar tasks and new tools

Desired Skills

- Passion for harnessing biomaterials designed for real-life applications
- Theoretical and hands-on knowledge of analytical chemistry characterization techniques, including FTIR, NMR, GPC, TGA, DSC, Mechanical properties
- Experience with materials extraction from biomass
- Familiarity with polymers properties and processing techniques

Location

- North of Israel, Kiryat Shmona

MadeRight

MadeRight is a fast-paced start-up company that attracts talented people who are passionate about sustainability. We have come together to advance the global understanding and appreciation of fungi, and to recognize the potential of mycelium to help bring humans into an abundant future while protecting the environment. Guided by our core values, our increasingly diverse team is dedicated to achieving a brave, hopeful, and incredibly important mission.

We're a group passionate about the planet and true sustainability. Working hard to improve the planet's future, we truly believe in what we're doing and enjoy doing it.

We are developing processes to grow mycelium fermentation reactors for a multitude of applications, developing new biomaterials that are positive for the planet.

Our technology hopes to take the wheel on how we make, use, and produce materials. Our first aim is to create high-performance natural biomaterials to improve the failing single-use packaging economy. We imagine producing packaging to replace petrochemical-derived materials, such as plastics.

Benefits

We prioritize the health of MadeRight employees and their loved ones. Our goal is that everyone at MadeRight feels their best in day-to-day life, and therefore feels able to do their best work. The benefits offered are generous, providing a foundation of care and peace of mind as we work to improve the world for everyone.

Flexibility and Time Off

Work and life affect one another directly, so we create a flexible work environment and encourage taking the necessary time to rest and recharge. Paid time off includes vacation, sick leave, parental leave, holidays, and personal wellbeing days. We also minimize commutes with a hybrid work model and remote work opportunities when applicable.

Community and Personal Development

Doing our best individually helps to do our best together, so we provide space and opportunities for personal growth. We take great care regarding MadeRight culture and find that collaboration is the key to the innovation of ourselves and our company. Each person brings unique backgrounds and talents that are fostered in a collaborative, challenging, and creative culture.

To apply:

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