



Position: Senior Scientist

S2G Biochem is a biotechnology company that uses its proprietary conversion process to produce low-cost, natural food ingredients and clean biochemicals from sustainable byproducts of the forest and agriculture industries. S2G xylitol is a superior low-calorie sweetener, produced in the lowest cost and most sustainable manner. It provides our customers, leading food products companies with the means to cost-effectively improve the quality and health benefits of their products. S2G bio-glycols are a sustainable, high-purity, cost-competitive alternative to petrochemicals.

S2G currently has an opening for a full time, permanent position for a **Senior Scientist**. This position will be Vancouver, BC based, however will require semi-regular travel to project sites within Canada, and potentially the US. Reporting to the President and the Director, Process, the Senior Scientist is a key member of a multi-disciplinary team driving commercialization of the Company's technology. An ideal candidate will be a well-rounded Chemical Engineer or Chemist with a background in research, development and commercialization of sugar-based biochemical processes. In addition, the successful candidate will be highly motivated, self-directed and action-oriented and a motivated communicator and mentor. Please see the responsibilities and qualification requirements for this significant position outlined below.

Responsibilities

- Coordinate and ensure the timely delivery of the technical deliverables for technical/engineering studies of potential commercial project(s) based on the Company's technology (the Project).
- Work closely with the Company's scientists and technical organization to design and execute a laboratory test program to address technical risks of the Project. Compile & verify the quality of data, improving the Company's quality assurance program. Analyze results and adapt Company technology to the unique needs of the opportunity.
- In consultation with Company scientists and pilot plant management, prepare a test plan for pilot plant runs in support of the Project, coordinate and assist in pilot runs, compile & verify the quality of data and analyze results.
- In consultation with technical engineers and operations staff, support coordination of process modelling and capital/operating cost estimates for the Project, including providing necessary process data from lab and pilot runs.
- Prepare and maintain written reports and databases on lab, pilot & economic analysis results in support of Project deliverables.
- Present Project results to Company and Partner.
- Develop a deep understanding of the Company technology – strengths and issues – and identify opportunities to improve it.
- Assist in advancing other technology programs as directed by management.
- Identify and disseminate new IP developed through the Project to other Company technical programs.
- Mentoring team members.
- Other tasks as reasonably requested by the Director, Process.



Qualifications

- Degree in Chemistry or Chemical Engineering with an in-depth understanding of wood chemistry and cellulosic sugars, biofuels and polymers that can be derived from them.
- Demonstrated passion for clean technology.
- Experience in economic analysis and risk assessment of new technology.
- > 1 year of relevant job experience in an entrepreneurial environment and biotechnology.
- Experience with laboratory and pilot plant operation.
- Demonstrated ability to develop and execute research test plans.
- Good grasp of engineering principles and experience assessing simple and complex systems.
- Project management experience in oil & gas, chemical, biotechnology and/or other process industries.
- Strong written skills, with experience preparing technical reports.
- Strong interpersonal and communication skills.
- Ability to manage and coordinate multiple tasks independently in a collaborative team environment.
- Engage with high level of creativity and ability to develop novel solutions to technical challenges.

S2G Biochem is working in Partnership with Sacré-Davey Engineering, a North Vancouver based company providing high quality, full discipline engineering and project management services. The HR team at Sacré-Davey will be handling the recruitment process, so if you meet the above requirements and would like the opportunity to develop a career in an exciting, emerging business, please submit your cover letter and resume to makingadifference@sacre-davey.com.