

Job Opening

Scientist Biotechnology (M/F/D, full time)

Overview

Electrochaea GmbH is a young and dynamic company with corporate offices in the USA, Denmark and Germany. In collaboration with our strategic partners and investors, we are developing a novel technology for generating renewable natural gas and for storing renewable electricity from wind or solar energy. The Company is commercializing this power-to-gas technology in markets with high penetration of wind and solar energy (Denmark, Sweden, Germany, Benelux countries, UK, California, etc.), where the intermittent nature of renewable energy sources leads to prolonged periods of excess electricity production. Favorable markets are also defined in terms of electricity prices, incentive schemes and existing infrastructure. The core of the technology is a proprietary microorganism, a methanogenic Archaea, which efficiently converts hydrogen and carbon dioxide into pipeline grade methane.

For our headquarters near Munich, we are looking for team members with a sense of responsibility and initiative who appreciate an innovative work environment and enjoy working in an international team.

Location

Planegg (Munich), Germany

Description of Position

The scientist biotechnology will be part of a dynamic, international, and multidisciplinary team, working with an innovative new technology with international appeal: You will ensure significant process development and quality optimization of our biomethanation process, with a strong focus on process in-situ online measurements.

Qualifications

The ideal candidate will have the following qualifications and capabilities:

- Completed studies (diploma, master's degree) in microbiology, biotechnology, environmental engineering, chemistry, chemical process engineering or related discipline
- Experience in online measurements in bioreactors, e.g., in-line Raman spectroscopy and chemometrics
- Expertise in handling bioreactors (gas fermentations)
- Ability to work in multi-disciplinary teams
- Potential to sustain an externally funded research program internally or in collaboration with university researchers and/or partner companies
- Ability to plan and develop project schedules and work within a budget
- Ability to summarize of development activities, including inventions and know-how
- Written and verbal fluency in English for scientific and business/project communications
- Strong ability to analyze technical problems in a solution-oriented manner

The successful candidate is expected to pursue an innovative, rigorous, and collaborative technology development program to support business objectives. This position provides a unique opportunity for growth in the Company

and collaboration across multiple business disciplines, suppliers, customers, and the scientific community while supporting the development of a new and growing business.

All interested candidates irrespective of age, gender, disability, race, religion, or ethnic background are encouraged to apply. Please send a Curriculum Vitae, plus a letter of application/intent to the following email: jobs@electrochaea.com. Supporting documents (references, diplomas, etc.) will be requested following an initial successful interview.