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Lead Scientist Position: product and process development (PhD level, 100%)

Redbiotec based in the Zürich area is seeking for a scientist to lead the process development for pDNA manufacturing.

About Redbiotec AG: Redbiotec AG is a biotech company with a microbial engineering platform to develop products and enabling technologies for the development and production of vaccines and therapeutics. Redbiotec AG was founded in 2006 as spin-off from the ETH Zürich and is located in the BIO-TECHNOPARK Schlieren-Zürich in Switzerland. For more information, please visit www.redbiotec.ch.

Your role: Working as a key scientist in product and process development you will work closely with the microbial engineering team to identify and develop new processes for pDNA manufacturing. In addition, you will implement process controls to ensure the pDNA is of high quality and adequate to the various applications, such as gene therapy and mRNA production. In your role you will develop and structure plans for internal and external projects with Redbiotec partners such as pharma and biotech companies as well as CDMOs, and ensure successful execution of these projects. You will report directly to the management of the company.

For this, experience with pDNA and mRNA manufacturing, process development and analytical tools for products such as DNA and RNA is required. Experience with cell free systems is a plus. The ideal candidate also has knowledge about novel screening and readout technologies as well as experience in large-scale data handling and high-throughput methods. We are looking for an entrepreneurial, open-minded and well-organized expert with strong problem-solving and communication skills to expand our team. We offer a dynamic workplace, where a motivated and committed scientist can grow.

Your qualifications:

- PhD or equivalent experience in Biotechnology, Microbiology or similar
- Several years of industry experience
- Proven project management skills
- Proven experience in processes development
- Experience with pDNA manufacturing
- Experience with manufacturing of mRNA and/or protein production is an advantage
- Strong team, communication and interpersonal skills required
- Entrepreneurial spirit
- Fluent in English (written and spoken)

Starting date as soon as possible.

Please send your application by August 15th2021 by email to Betty Chen (betty.chen@redbiotec.ch).