



Supercoiled GeneTx GmbH, a Vienna-based biotech company active in the rapidly evolving cell & gene therapy space, is looking for dedicated employees.

Supercoiled GeneTx develops optimized DNA vectors, so called minicircle DNA (mcDNA), for non-viral gene transfer applications.

The company is driving forward R&D work in order to further develop its proprietary production technology and to establish innovative new biotechnological processes in the field on non-viral vector production. For customers, Supercoiled GeneTx provides the foundational work in the run-up of industrial large-scale production of mcDNA. This includes the development, validation and production of customized plasmids for mcDNA manufacturing (i.e., parental plasmids) as well as their quality assurance and control/optimization of the respective production parameters. Our customized parental plasmids serve as the basis for GMP quality production by our exclusive partner for large-scale industrial production.

We are looking for a highly motivated, skilled scientist to join the team as soon as possible:

- A molecular biologist / biotechnologist

Tasks:

You will perform research and development work to advance our proprietary technology for mcDNA production and to develop innovative new biotechnological processes. This includes assisting in the development of appropriate R&D strategies, implementing and/or coordinating them, and providing guidance to a staff member.

Together with customers, you will plan and manufacture parental plasmids for the production of mcDNA according to customer agreements and coordinate the production process. You will be responsible for the planning, manufacturing and quality control along the production process of customized parental plasmids and the corresponding mcDNA. You will manage the laboratory scale production of customized mcDNA and prepare the necessary documentation for our customers and our partner company for large scale GMP production.

Qualifications:

- You have successfully completed a doctoral degree in molecular biology (microbiology or genetic) or biotechnology or in a comparable field
- You have hands-on experience in plasmid DNA production on a preparative scale (upstream and downstream)
- You are proficient in genetic engineering of *E.coli* strains (gene knock-out and/or replacement techniques)
- You have profound expertise in molecular cloning techniques (traditional cloning, PCR cloning, seamless cloning/gene assembly, ligation independent cloning, recombination cloning)
- You are familiar with the essential working techniques of molecular biology in theory and practice (e.g., various PCR methods, electrophoresis procedures, blotting and detection techniques for nucleic acids and proteins, as well as purification techniques for DNA, RNA, proteins)
- You are an experienced user of computer programs/online tools for sequence analysis, for the elaboration of cloning strategies, evaluation of sequencing results, primer design, etc.)
- You have experience writing grant proposals including the development of scientific work plans and appropriate resource planning
- You have already authored scientific publications

Your personal profile

- You understand business goals and can prioritize your actions and decisions accordingly
- You would like to work in a start-up environment, to lead applied research and development projects and demonstrate your solution-oriented thinking, your creative approach and your innovative strength
- You are a team player and also work independently and self-responsibly within the framework of agreed objectives
- You have a high degree of self-motivation, distinct flexibility and the ability to work under pressure
- You are an enthusiastic and convincing personality
- You have a good command of written and spoken English and German

With appropriate qualifications, we offer a monthly gross salary of Euro 4,500.-- for this full-time position (40 hours per week).

If you are interested to join the team, please send your application to office@supercoiledgenetx.com