

Research Scientist in molecular biology and microbiology for HMOs (m/f/d)

Location: Germany: Bonn

Country: Germany



Do you want to pioneer science and improve food and health for more than 1 billion people every day?

We work to improve food and health, and our natural ingredients are consumed by more than 1 billion people every day. As a global market leader in bioscience, we have the opportunity to address important global challenges such as natural food solutions, dietary supplements for human health and specialized infant nutrition ingredients such as probiotic and HMO– and we need the brightest and most passionate people on board to succeed. Want to join us?

The team for you to join

You will be part of the expert team in molecular biology within the Research and Development Department of the HMO Business Unit in Chr. Hansen which is part of the Chr. Hansen “Health and Nutrition” division. As research scientist with expertise in bacterial molecular biology and microbiology you will be responsible for the development of highly efficient bacterial strains for the fermentative production of Human milk oligosaccharides (HMO). You will join an interdisciplinary R&D team where you will collaborate with colleagues from various functions. We are now searching for enthusiastic and entrepreneurial people ambitious to contribute in innovative techniques and products.

Your future role will include:

- Planning and execution gene disruptions and integrations within bacterial cells, including recombineering
- Self-dependent construction of expression systems and execution of expression studies including transcriptional analysis (qRT-PCR)
- Scientific research on pathway and strain optimization
- Screenings in 96-well plates of targeted and untargeted modifications
- Perform kinetic studies for enzyme characterization
- Manage our strain collection
- Preparation of working cell banks for industrial use
- Maintenance of lab equipment
- Documentation of results
- Communication with vendors and manufacturers
- Regular reporting on progress to your team leader and in internal meetings

Who are we looking for?

You have a higher education within science, ideally a Master of Science in applied life science, biology, biochemistry or biotechnology. You have a strong ability to translate science into industrial applications.

Furthermore, you:

- You have strong expertise in molecular biology including innovative cloning techniques
- You are familiar with modern methods in bacterial genomic modifications
- You have excellent expertise in microbiology, working with bacteria
- You have profound knowledge of diverse expression systems and their use.
- You are highly motivated and curious in science, you are willing to work interdisciplinary, and it is your ambition to keep your projects in time.
- You have excellent communication and interpersonal skills. Your documentation is reliable.
- It is your ability to work self-dependent as well as in a team. You speak English fluently; German is a benefit.

Personally, you are a self-driven, energetic and pragmatic team player. You have an affinity for working in high-paced, dynamic environment. As our team is very international, you are fluent in English. We expect that you bring a proactive and execution personality with a can-do attitude. You are able to work in a matrix environment and have an economically driven mindset. You are structured as a person with a disciplined approach. You have strong communication skills and a passion for creating results that you diligently document.

What we offer you?

We offer you a position in a growing, innovative team with a cooperative, open-minded working atmosphere. You will work in a diversified field within an interdisciplinary R&D team in a future oriented company. You will have the opportunity to develop in an international company. We appreciate highly skilled employees and strive to make it an exciting and fun place to work.

If you are interested to know more, please send your complete application documents (Cover letter, CV, certificates, references) including salary expectations to career@jennenwein-biotech.de, as soon as possible since we will be processing incoming applications continually. Deadline for applications is March 19, 2021.

Do you know someone?

If this is not the job for you, perhaps you know someone who might fit and be interested, please share this job link to him/her. Thank you for your referral.

About Chr. Hansen and Jennewein Biotechnologie GmbH

Chr. Hansen is a global, differentiated bioscience company that develops natural ingredient solutions for the food, nutritional, pharmaceutical and agricultural industries. At Chr. Hansen we are uniquely positioned to drive positive change through microbial solutions. We have worked for over 145 years to enable sustainable agriculture, cleaner labels and healthier living for more people around the world. At the core of our new strategy of becoming a microbial platform leader we have a strong focus on dietary supplements for human health and specialized infant nutrition ingredients such as probiotics and HMOs. As the world's most sustainable food ingredients company, we touch the lives of more than 1 billion people every day. Driven by our legacy of innovation and curiosity to pioneer science, our [purpose](#) – To grow a better world. Naturally. – is at the heart of everything we do.

Jennewein Biotechnologie, recently acquired by [Chr. Hansen](#), is a science-based company in the field of industrial biotechnology. We specialize in the development of new processes for the production, identification, characterization and of scarce, functional [oligosaccharides](#). Our main focus is the production of sugar molecules with attractive health benefits.