

Are you ready to lead a team responsible for translating data, knowledge, expertise, and new technologies into practical solutions for the food and health industry? We would like to meet you:

Senior Scientist Data Management and Bioinformatics

For over 70 years, the top of the international food and ingredients industry has relied on our ability to translate scientific insights into profitable applications. The list of pioneering projects is endless. No day is the same at NIZO! Within a multidisciplinary work environment, and at the frontline of science and data analysis, NIZO is looking for a dedicated, organized and structured professional (0.8 – 1.0 fte), with a passion for data science solutions to lead and build on our bioinformatics and data science team.

Our ideal candidate has a PhD degree or MSc in Bioinformatics, with 4+ years of working experience in a CRO or industrial environment, and fulfills the requirements listed below. You describe yourself as a dedicated, organized and structured professional, with a passion for data science solutions in the food and health industry.

The function

- As a senior member of a multidisciplinary team of scientists, project managers and research lab specialists across different divisions, your daily work will involve data analysis, -interpretation, -organization and -visualization within challenging projects for our customers.
- Your knowledge and input will be applied for development of new algorithms, and configuration and optimization of next generation sequencing pipelines.
- We would like to see you proactively engage in innovation and strategy trajectories across different disciplines of our company, while seeking for the latest state-of-the-art technologies and applications in your field of expertise.
- In addition, you have the potential to collaborate with experts across diverse scientific disciplines in various applications of bioinformatics and data analysis tools in focus areas such as food safety, fermentation, protein transition, the human microbiome and clinical studies.

Your profile: requirements

- Knowledge of microbiology and prokaryotic (genomics and transcriptomics) data.
- Experience with different programming languages, such as Python and R.
- Experience with Linux operating system.
- Experience with NGS pipelines and setting up pipelines for microbiome and gene expression analysis, data and workflow management (Snakemake), and data visualization & statistics (including multivariate analysis).
- Experience with Git (version control system).

NIZO food research B.V.

Kernhemseweg 2, 6718 ZB EDE, P.O. Box 20, 6710 BA Ede, The Netherlands

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- Team player with a proactive attitude and the ability to work with professionals of varying expertise backgrounds.
- Experience with handling multiple projects at once.
- Ambition to establish and lead a solid data science team in the organization.
- Interest in and capacity to keep learning new things and engage in new challenges.
- Excellent communication skills in English and ability to translate complex bioinformatics matters into relevant benefits for internal and external stakeholders.

Your profile: bonus points

- Knowledge of and experience in host response data analysis.
- Knowledge of and experience in complex statistics, for instance for data from clinical trials.
- Experience with gene-trait matching by making use of genotypic and phenotypic data.

NIZO offers

- Senior Scientist position 32-40 hours per week.
- Scientifically interesting and state-of-the-art research projects in food and health.
- Lead responsibility of the data science team, with opportunities for personal development.
- Training and possibilities to attend relevant conferences.
- A team of professional colleagues, where high performance goes hand in hand with an informal working atmosphere with short lines of communication.
- A good salary and attractive secondary conditions, such as a pension plan and ample holidays.

Information and application

For further information about this vacancy, please contact Rianne Ruijschop, Department head Health (tel. +31 629220378). You can apply by sending your CV and motivation letter via our online application portal.

Intermediaries, please note that we have deliberately chosen to fill this vacancy ourselves. Acquisition in response to this vacancy is not appreciated. Unsolicited CVs will be dealt with as if it were a direct application, without any obligation to third parties.

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