

Scientist for R&D at Samplix

Do you have a background in molecular biology, biotechnology, or genomics and would like to develop new products for our Xdrop technology?

You will become a part of an interdisciplinary dynamic team who shares the vision of enabling the discovery of the true biological representation.

Samplix makes microfluid droplet solutions, which make unbiased DNA enrichment and targeted sequencing accessible to everyone. With the knowledge of just a small sequence within your region of interest the Xdrop technology enable genetic analysis and single DNA molecule sequencing of your favorite region. The generation of millions of droplets with each their molecular reaction enable working with single DNA molecules, which can be analyzed with NGS or long read sequencing to find any type of genetic variation.

We offer products that together with sequencing will make it possible to understand e.g. complex genomic landscapes, gene editing QC including locus information, and unbiased universal amplification.

Currently, we are looking for an **R&D Scientist** to expand the portfolio of products for the Xdrop technology.

The position

Your main responsibility is to drive the development of new products from the drawing board to the products. This will include planning and managing, along with testing of different concepts in the laboratory, data analysis, further developments, and improvements. You will need to solve technical obstacles to reach the goal, and to be creative to make new solutions. In the job you will also be involved in IP work and cost estimations of the final products. You will study scientific papers to get new ideas and discuss ideas, problems, and projects with our team of innovative molecular biologists.

Responsibilities

- Project management of molecular biology development projects;
- Generate new concepts and ideas in collaboration with the team;
- Develop new protocols and testing in the laboratory;
- Evaluate and document the new product development;
- Report on freedom to operate, technical risks, strengths, and cost estimations

Requirements



- 2 years hands-on laboratory experience with molecular biology from biotech or similar industry;
- Extensive experience in genomics or genetics;
- Experience with NGS and other sequencing methods both hands-on and data-analysis;
- Ph.D. in molecular biology, biotechnology, or similar;
- Ability to work independently as well as part of a team;
- Excellent analytical and systematic troubleshooting skills;
- Strong creative skills and out-of-box thinking
- Strong written and verbal communication skills;
- Project management skills.

We offer:

We offer a great job with development opportunities in a highly motivating and professional environment. You may be looking for a new career path or you may simply be looking to make a difference in a small hard-working organization with the ambition to make a difference.

The job will be challenging and rewarding with world class colleagues, flexible working hours, 6 weeks of holiday, and a salary corresponding to your qualifications.

Application deadline

Application deadline is September 22nd, 2019. [Please send the application through the Jobindex Quickapply application system.](#)

Your application will be treated in accordance with our policies for processing of personal data incorporating the General Data Protection Regulation of the EU.

Background

Next Generation Sequencing makes it possible to decipher all genes of human beings which may reveal genetic variations important for diagnosis and personalized treatment. In the past 10 years, sequencing has paved the way for astonishing discoveries within medicine.

Samplix' Xdrop™ sample preparation products allow scientists and clinicians to target the sequencing towards relevant genetic regions thereby obtaining significant higher quality and certainty in the genetic analysis.

About Samplix



Samplix has developed proprietary products for targeted single molecule enrichment of DNA. Samplix' technologies are based on advanced microfluidics which in a simple work process partitions millions of molecules in droplets thereby enabling high quality targeted enrichment of large fragments (>100 kb) for subsequent sequencing.

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