

Senior Scientist Assay Development (40h/week)

Enzyre is a diagnostic company at the Novio Tech Campus in Nijmegen (NL) developing innovative quantitative assays to monitor blood coagulation in a near patient setting. Our ENZYPAD platform only requires a small volume of blood and does not require any technical skills to run the test. The test results are automatically transferred to the cloud where healthcare works with the necessary credentials can access the data. Our approach supports telemedicine applications based on real-time patient data. Enzyre's mission is to *bring the lab to the patient*.

Enzyre is looking for a Senior Scientist Assay Development for a full-time employment.

As a key member of Enzyre's R&D team, based at the Novio Tech Campus in Nijmegen, the Senior Scientist Assay Development will play a vital role in developing new applications on our microfluidics ENZYPAD platform. He/she will develop and validate the methods for handling of the reagents that are integrated in the test cartridge. He/she will report to the Chief Scientific Officer.

Responsibilities:

- Development and optimization of reagent handling conditions for the assays at micro/nanoliter scale; i.e. reagent formulation, reagent dispensing, drying and dissolution conditions;
- Quality Control (QC) testing of reagents (e.g. stability);
- Biochemical assay testing;
- Laboratory equipment operation, maintenance and calibration;
- General laboratory maintenance;
- Documentation and record maintenance using a quality system (lab notebook, patents, SOPs);
- Keeping up to date with developments in laboratory medicine by continuing education and training.

Required Qualifications:

- PhD in Biochemistry or Chemistry or equivalent by experience,
- At least 5 years of hands-on experience in developing In Vitro Diagnostic (IVD) assays under a ISO 13485 quality system;
- Experience operating liquid handling robots and other laboratory automation tools. Experience programming these instruments would be highly beneficial;
- Strong scientific fundamentals and analytical experimentation skills using Design of Experiments methodologies;
- Experience using statistical tools, such as Design Expert to analyze complex data sets, create DOE experiments, and data trending;
- Knowledge of biochemical and analytical techniques including fluorescence and chemiluminescence spectrophotometry;
- Having experience with assay development in microfluidics cartridges is a plus.

Competencies:

- Problem solving skills with the ability to define problems, collect data, establish facts, draw valid conclusions and to identify opportunities for process improvements;
- Self-motivated and takes initiative;
- Strong organizational & time management skills, with strong attention to detail. Multitasking capabilities required;
- Ability to work under pressure and meet deadlines;
- Ability to work as part of a team and individually. Offer ideas and identify issues;
- Ability to communicate clearly and effectively in English (oral and written), with knowledge of the Dutch language being a plus;
- Ability to use computer programs including Windows, Microsoft Office and GraphPad.

Conditions of Employment:

- Starting with a one-year contract with the intention to extend to indefinite;
- Competitive salary in line with your qualification
- Travel allowance or public transport reimbursement;
- 25 holidays and holiday pay.

Are you the person we are looking for to join our fast-growing research and development team?

Please apply before February 29, 2020

Send us a motivation letter and your personal resume (Waander@enzyre.com, cc hr@enzyre.com).

Recruitment agencies are asked not to respond to this job posting