

Position:

R&D Manager (biology/biochemistry specialized).

Description:

Design and development of fluorescent In-Vitro Diagnostic applications (FLISA and LFIA).

Company's presentation:

HK-Dtech is a start-up located in Hong Kong and dedicated to the research and development of fluorescent nano-molecules in the field of healthcare and life sciences. The company's vision is to improve the screening and early detection of specific biomarkers of certain diseases in order to increase the success of treatments and eliminate side effects for patients.

Company's technology:

The Bright-Dtech is a patented technology which aims to improve the sensitivity of biomarker detection. It consists in developing ultra-efficient fluorescent nano-molecules with unique characteristics. Their efficiency and their properties make it possible to replace the current fluorescent molecules.

Tasks:

The main objective of this position is to participate in the design of tests based on fluorescent nano-molecules with below main tasks:

- Implementation of FLISA and Lateral Flow experiments
- Training and supervision of R&D technical staff in various basic techniques in molecular biology
- Optimization of parameters (Concentration, coupling, buffer, ...)
- Improvement of measurement conditions (Limit of detection, background noise, etc.)
- Drafting of protocols
- Preparation of regular plan and budget for R&D activities and take up other ad hoc assignment
- Relationship with R&D partners

Requirements:

- Master degree or above in Biology or Biochemistry
- 3+ years' experience with molecular biology (ELISA, Immunoassays, Lateral Flow)
- Knowledge of bioconjugation techniques
- Knowledge in immunology
- Knowledge of fluorescence spectroscopy (instruments, techniques, ...)
- Personal qualities: team spirit, rigor, sense of organization, autonomy, determination
- Fluent in English (written and oral)
- Starting date: August 2022
- Workplace: Hong Kong Science and Technology Par, Hong Kong SAR.
- Work permit: candidates shall be allowed to work in Hong Kong and be either permanent resident or holder of a valid working visa. Offer subject to the obtention of the working for any candidates who is not in any of the two situations specified just above.

Package:

- Salary offered will be competitive and commensurate with qualifications and experience. Applicants should state their current and expected salary in the application
- Yearly bonus according to performance and company results
- Medical insurance coverage
- Comprehensive training about the company technology within 2-3 months in our lab in Strasbourg.

Application:

If you are interested, please, send your resume and cover letter by email at info@hk-dtech.com