

Senior Scientist, R+D

White City, London

The Company

DNAe, the inventors of semiconductor-based next-generation sequencing (NGS) technology, is developing a revolutionary new NGS-based diagnostic platform in an easy-to-use, sample-to-answer, cartridge-based system designed to generate results direct from clinical specimens in a matter of hours.

We are currently looking to hire outstanding scientific talent to join the multi-disciplinary Research and Development team.

Responsibilities

The successful candidate will be a senior member of the NGS R+D team, reporting to the team's manager and responsible for a subset of the team's deliverables: developing amplification and sequencing technology on an integrated circuit (chip).

All DNAe scientists are part of a broader team developing our products, interacting with other subsystems (including engineering, bioinformatics, software and integrated-circuit teams) in a collaborative, collegial environment.

You will be tasked with:

- Performing technology development hands-on in the laboratory, using your molecular biology and biochemistry skills
- Independently driving scientific studies, designing experimental strategies, analysing the results and planning future experiments
- Engaging with other teams to troubleshoot issues
- Recommending innovative approaches and suggesting new strategies for your work and for the team
- Performing literature research to support the project
- Potentially managing a small number of other researchers, providing technical leadership and being accountable for their professional development.

Person Specification

The successful candidate must demonstrate experience with developing novel procedures, not simply using existing protocols.

You will deliver creative solutions to challenging problems in a fast-paced environment. You must be a team player who interacts well with a variety of colleagues. You should have the desire and the capability to manage direct reports effectively and be a strong and effective communicator.

Qualifications & Experience

Required:

- Either a PhD in Molecular Biology, Biochemistry, Chemistry (or a related field) or a Masters / BSc in those fields with extensive relevant industrial experience
- Broad experience developing new molecular techniques
- Project management skills
- Innovation and creativity, with excellent problem solving and analytical abilities
- Effective organisational, communication and interpersonal skills.

Desirable:

- DNA sequencing background, with a preference for NGS
- NGS library-preparation experience
- Experience with nucleic-acid amplification (PCR and isothermal methods)
- In-vitro diagnostics background
- Some management experience
- Interactions with other disciplines, such as engineering, software development and bioinformatics
- Patent filings and an extensive publication record.

Apply

To apply please email careers@dnae.com with your CV and salary expectations. Please include any other information you would like us to consider.

We are not considering offering visa sponsorship for this role. This role is based at Scale Space, White City.