



Industrial Placement Studentship: Bioprocess Development

Location: Stevenage Bioscience Catalyst | SG1 2FX | United Kingdom

Salary: Competitive with typical placement rates

Term: Summer 2017-Summer 2018

About Puridify

Puridify span-out from University College London in 2013 – and we have maintained an entrepreneurial ethos that encourages all members of our team to gain the sort of hands-on multidisciplinary exposure not possible in larger companies. Puridify works globally with companies developing the next generation of exciting biotherapeutics such as immune and gene therapies.

Puridify is based at the Stevenage Bioscience Catalyst, situated within commutable distance of London and Cambridge. Financing is provided by top-tier venture capital firms SR One and Imperial Innovations.

FibroSelect Technology

Puridify's goal is to use its nanofibre based materials to drastically increase the productivity of biotherapeutic purifications.

The Role

The industrial placement will provide potential opportunities across all our activities encompassing biotherapeutics, gene therapy, cell/tissue culture, viral purification, analytics, process development, 3D printing and prototyping.

You will develop independent research projects that help us achieve our goal of drastically increasing the productivity of biotherapeutic purifications. Key responsibilities include the design, optimisation and scouting of new processes and will include exposure to both upstream and downstream development stages. Alongside independent research projects you will also contribute towards larger team projects and present regular updates on your work. All projects will be designed to enable you to develop and learn cutting-edge bioprocessing technologies.

As Puridify seeks to move quickly with the commercialisation of its range of nanofibre based chromatography systems the successful applicant will play a key role in shaping the technology and will gain invaluable industrial research experience.

Duties and Responsibilities

- To design, set up, and run experiments in consultation with project managers.
- To record, analyse, and write up the results of experiments.
- To report and disseminate data to the rest of the team.
- To find and critically assess relevant literature.
- To follow detailed protocols and SOPs that feed into Puridify's larger projects.

- Produce a scientific publication-style report and presentation at the end of the placement year that describes the research work completed.

Person Specification for the Post

Requirements

- All relevant degrees in science and engineering considered
- Start: Available to start in July-August 2017
- No specific experience is expected, although laboratory-based skills would be advantageous.
- An understanding of basic chromatographic principles would also be beneficial, but is not required.
- Permission from the University – Puridify is open to work with the University to ensure any requirements of the sandwich/placement year are met.

Skills

- A keen interest in bioprocessing and next-generation biotechnologies.
- Ability to apply a logical approach to problem solving
- Ability to work independently and effectively under broad directives
- Ability to record and analyse complex data from a range of sources
- Ability to present complex information effectively
- Effective written and verbal communication skills

Application Process

Email a 1 page cover letter and 2 page (max) CV to applications@puridify.com, including “Year in Industry Studentship” in the subject heading.