



Candidate Information

Position:	Pharmaceutical Engineer – KTP Associate – Devenish Nutrition Ltd
School/Department:	KTP and Business Networks
Reference:	18/106984
Closing Date:	Friday 30 November 2018
Salary:	£25,000 - £28,000 per annum. One of the key KTP benefits for graduates is access to a £9,750 training and travel budget over the 29 month project.
Anticipated Interview Date:	Wednesday 19 December 2018
Duration:	29 months

Job Purpose

This project will apply advanced pharmaceutical formulation techniques, in conjunction with the associated engineering methods to develop new concepts in the delivery of essential minerals, vitamins and related molecules to farmed animals in order to improve animal well-being and productivity.

Main Activities and Responsibilities

The KTP Associate will deliver the following key project phases:

1. Review production methods of existing product range for monogastric animals.
2. Development of pharmaceutical engineering solutions.
3. Application of innovative manufacturing technologies to generate controlled release systems.
4. Pre-Clinical and clinical evaluation of new controlled release technologies.
5. Introduction of new controlled/targeted release technologies.
6. Preparation/completion of documentation for manufacturing, regulatory and marketing purposes.

Planning and Organising

- Manage and coordinate the items of work as laid out in the project plan (individual work plan will be provided by Supervisors).
- Plan day-to-day activity within the framework of the agreed work plan.
- Contribute to the planning and management of the project, approximately 3-6 months in advance.
- Ensure that all training and development activity is scheduled to ensure that progress on the work plan objectives is not interrupted or delayed.

Resource Management and Responsibilities

- Plan and manage day-to-day resources to ensure the project runs to time and on budget.
- Coordinate and obtain approval for planned expenditure/allocation of resources with the Management Committee and Steering Group.
- Carry out supervision of placement students or other staff members as required.
- Monitor travel and development budgets and produce a Personal Development Plan which will ensure best use of financial resources.
- Attend training modules (mandatory and additional job-specific training). This may be local, national and international.
- Perform any other additional duties as agreed by the Local Management Committee and Steering Groups to contribute to the development of the company, the university and the Associate.

Internal and External Relationships

- Present regular progress reports to members of the Steering and Management Groups and to external audiences.
- Liaise with company staff on a daily basis. Contribute to training of staff in the company and university as required.
- Build relationships with both company and university staff to ensure effective working practices are established.
- Attend and contribute to any appropriate meetings, both in the company and the university as required.

- Establish contacts with additional groups and organisations (other KTP Associates, other university departments, other industrial contacts, and Innovate UK) as required to develop knowledge and understanding and form relationships for future collaboration.
- Act as an Ambassador for the Knowledge Transfer Partnership Scheme.

ESSENTIAL CRITERIA

- Hold at least a 2.1 Honours degree (or equivalent) in Pharmacy or a closely related discipline. Applicants with a 2.2 Honours degree (or equivalent) in addition to either one year's relevant practical experience or a related higher degree will also be considered.
- Completion of a relevant research project. Applicants should state clearly how the work carried out is relevant to this position.
- Experience in Pharmaceutical Processing.
- Experience in Pharmaceutical Analysis, such as Solid State Analytical techniques.
- This position will require individuals to demonstrate clear evidence of problem solving skills, group work experience, communication skills and a willingness to operate within an interdisciplinary framework.
- Good oral written and presentation skills.
- High level of IT skills.
- Ability to think logically, create solutions and make informed decisions.
- A high level of numeracy and the ability to interpret data.
- Ability to work effectively as a member of a group.
- Well organised, attention to detail and ability to meet tight deadlines.
- An interest in staying with the Company. (Associates are normally invited to apply for permanent positions).
- Ability to take part in Associate management courses (requiring two one-week periods in England).
- Willing/able to travel throughout the UK and Ireland and abroad, as necessary.

DESIRABLE CRITERIA

- Hold a higher degree in a relevant area
- At least 3 months' relevant industrial experience or research experience involving potential commercialisation of a technology.
- Experience in process engineering, quality control and analysis.
- Ability to deliver training and follow-up support to operatives.
- Ability to influence people effectively.
- Tenacious and committed to achieving goals.

Additional Information

- Knowledge Transfer Partnerships is a UK programme that enables businesses to work with universities to gain access to specialist knowledge and expertise and apply it within their organisation. Each Partnership recruits a Graduate to work in the company, implementing and embedding the latest research techniques. Guidance is provided by the academic and company supervisors to ensure that the objectives of the project are met. Although the scheme is aimed at recent graduates, any suitably qualified individual may apply.
- Each KTP is a fully salaried job that lasts between twelve and thirty six months, providing the graduate with an opportunity to fast track a career in industry. Each KTP Associate has a training and development budget and a travel budget. This funding provides opportunities for job-specific training, attending and presenting at conferences, visiting trade shows, customers and suppliers etc. Two, one week residential management training modules are also provided as part of the package.
- As members of University staff, KTP Associates can join the University pension scheme, gain access to University resources such as the Library and sports facilities.
- More details are available at www.ktpjobsni.com