



**IMPACT**

## Pharmaceutical Formulation Scientist – KTP Associate

**Reference:** R210171

**Salary:** £32,000 per annum

**Contract Type:** Fixed term (24 Months)

**Basis:** Full Time

# Job description

## Job Purpose:

This 24-month project takes the form of a Knowledge Transfer Partnership (KTP) (<http://www.ktponline.org.uk/>), which provides you with practical and formal training and the availability of support from experienced mentors, from Quest Pharm Limited, Aston University and Innovate UK.

As a KTP Associate you will have a dedicated £4,000 budget to access extensive Personal Development opportunities to support the project and your future career.

Quest Pharm has partnered with Aston University on this new KTP project to develop a robust formulation development methodology to support the formulation process for targeted and controlled release of Active Pharmaceutical Ingredients (API) and multiple drug administration methods.

The role offers an exciting opportunity to work as part of a team with Quest Pharm and Aston to develop the knowledge that will underpin the company's future developments with good prospects for career development in the Quest team.

You will also develop a broad set of skills in project management, stakeholder management, working on a strategic project in an innovative business, carrying out cutting edge research. The skills developed during the course of the project will enable the successful candidate to develop a strong set of varied skills which will enhance their future career opportunities.

## Company

Quest Pharm Limited is an innovative UK based pharmaceutical company which develops unlicensed medicines to meet the needs of vulnerable patient groups. It also delivers these medicines to patients in the community via its healthcare arm of the company. Its clients include NHS trusts, pharmaceutical wholesalers and high street pharmacies. Quest was founded by pharmacists who had worked in the NHS, together with a wealth of expertise from industry and academia in both non-sterile and aseptic pharmaceutical manufacturing. From swift turnaround of life saving oral solid dosage drugs to oral liquid or semi-solid medicines manufactured on a patient specific basis or part of a batch, Quest delivers solutions via its in house MHRA approved analytical laboratory. To find out more visit: <http://www.questhealthcare.co.uk/>

## Main duties and responsibilities

- ▶ Develop formulation methodology to support the formulation process for medicinal and cosmeceutical products
- ▶ Develop and optimise prototype controlled delivery nano systems
- ▶ Develop and validate HPLC assays
- ▶ Prepare case studies, publications and final reports to disseminate findings
- ▶ Scale up process and setting up stability studies
- ▶ Establish a Project Advisory Group

- ▶ Review company business and market to set up a new Steering Group
- ▶ Project manage the KTP including budget, stakeholder engagement and technical tasks

### Additional responsibilities

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff and students.
- ▶ Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

## Person specification

	Essential	Method of assessment
<b>Education and qualifications</b>	Educated to MSc/MRes in Pharmacy or a related discipline (or equivalent).	Application form
<b>Experience</b>	<p>Strong understanding of pharmaceutical formulations, including material properties of excipients &amp; analytical techniques with technical/ data analysis</p> <p>Experience of carrying out empirical experiments.</p> <p>Experience in at least one of the following areas:</p> <ul style="list-style-type: none"> <li>- HPLC assay development</li> <li>- Handling biologics</li> <li>- Developing pharmaceutical products and stability testing.</li> </ul>	Application form and interview
<b>Aptitude and skills</b>	<p>Good problem-solving skills.</p> <p>Good experimental skills to contribute to the planning of research projects &amp; the aptitude to learn new techniques.</p>	Application form and interview

	Essential	Method of assessment
	<p>Good project management skills to manage time, workload and deadlines.</p> <p>Ability to demonstrate IT skills including use of Microsoft Word, PowerPoint and Excel, to produce reports, presentations &amp; manage data.</p> <p>Ability to balance technical and commercial interests of the project.</p> <p>Work as an effective team member while also being highly self-motivated and capable of working independently.</p> <p>Enthusiasm and maturity to take ownership of all aspects of project management.</p> <p>Excellent interpersonal and communication skills (both written and oral).</p> <p>Ability to work closely with all stakeholders.</p> <p>Willing to travel/ work away from their base for periods of time.</p>	

	Desirable	Method of assessment
<b>Education and qualifications</b>	A PhD (or equivalent) in Pharmacy or related field	Application form
<b>Experience</b>	<p>Experience of controlled release nanoscale formulation design and assessment.</p> <p>Experience of in vitro skin permeation studies.</p>	Application form and interview

	Desirable	Method of assessment
	Experience of working within industry or in research to demonstrate an understanding of the challenges and benefits of collaborative projects.	

## How to apply

You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by XXX on the advertised closing date.

All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form then please contact the Recruitment Team via [jobs@aston.ac.uk](mailto:jobs@aston.ac.uk).





## Contact information

### Enquiries about the vacancy:

Name: Afzal – Ur – Rahman Mohammed

Job Title: Professor

Email: [a.u.r.mohammed@aston.ac.uk](mailto:a.u.r.mohammed@aston.ac.uk)

### Enquiries about the application process, shortlisting or interviews:

Recruitment Team via [jobs@aston.ac.uk](mailto:jobs@aston.ac.uk) or 0121 204 4500.

## Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy

**Salary scales:** <https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index>

**Benefits:** <https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index>

**Working in Birmingham:** <https://www2.aston.ac.uk/birmingham>

**Employment of Ex-Offenders:** Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they applying for is listed an exception under the act.

### **Eligibility to work in the UK:**

#### **Post-Brexit transition period / EU Settlement Scheme**

The post-Brexit transition period ended on 31 December 2020. If you are an EU/EEA citizen and you were a resident in the UK before 31 December 2020, you and your family members (including non-EU citizens need to apply to the EU Settlement Scheme to continue to live, work and study in the UK beyond 30 June 2021. The deadline for applying to the EU settlement scheme is 30 June 2021. You can apply via the Government webpage <https://www.gov.uk/settled-status-eu-citizens-families> Irish Nationals do not need to apply for settlement as they retain the right to work in the UK.

#### **New immigration system for EU/EEA and Swiss Nationals who were not resident in the UK before 31 December 2020**

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens moving to the UK to work will need to get a visa in advance. You can find more information on the following website. Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the UKVI website <https://www.gov.uk/browse/visas-immigration/work-visas>. Before applying you should ensure that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful. If you require a visa to work in the UK the most common types of visa are:

#### **Skilled Worker Visa**

<https://www.gov.uk/skilled-worker-visa>

#### **Global Talent Visa**

If you are a leader or potential leader in one of the following fields you may be eligible to apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa. <https://www.gov.uk/global-talent>

**Equal Opportunities:** Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

**Data Protection:** Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) (“GDPR”). The University’s Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

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gets real.**