



**OPPORTUNITY**

Where change  
gets real.



**Reference: 0683-24**

**Salary: £35,000 per annum, depending on experience with a £5,000  
dedicated training and development budget**

**Contract Type: Fixed term (30 Months)**

**Basis: Full time**

## Job description

This 30-month project takes the form of a [Knowledge Transfer Partnership](#) (KTP), which provides you with practical and formal training and the availability of support from experienced mentors from [Eye-Docs \(Midland Eye\)](#), [Aston University](#) and [Innovate UK Business Connect](#).

### Job Purpose:

This Knowledge Transfer Partnership (KTP) project aims to utilise surgical theatre capacity as cleanroom facilities to develop novel pharmaceutical formulations for the treatment of Dry Eye Disease.

Eye-Docs (Midland Eye) is a private Ophthalmic Services clinic, providing patients with a comprehensive, specialist service for the diagnosis and treatment of all eye conditions.

The KTP will embed key pharmaceutical expertise in the selection, compatibility testing and novel carrier methods for Active Pharmaceutical Ingredients (API) and excipients (medicines components that are not the actual drug). This will leave Midland Eye with a drug formulation 'toolkit' for formulation development, enabling them to bring novel eyecare treatments to market.

**Candidate Profile:** PhD in Pharmaceutical Sciences or a closely related discipline. They should have a strong understanding of pharmaceutical formulations and process development.

### Skills/ experience required include:

#### Essential

- ▶ Experience in characterisation of excipient, preparing nano-formulations of particulate system, analytical method development, and process design and optimisation.
- ▶ Demonstrable experience of analytical method development, in vitro assays for assessing formulation performance and formulation of nanoparticulate systems.
- ▶ Strong IT skills including use of Microsoft (Word, PowerPoint and Excel) to produce reports, presentations and manage data.
- ▶ Able to work as part of a multi-disciplinary collaborative team with the capacity to take the lead role to deliver research objectives and milestones on time.
- ▶ Good verbal and written communication skills with the ability to liaise with all stakeholders, including potential customers and the steering group.

#### Desirable

- ▶ Prior experience working within the pharmaceutical industry or in research to demonstrate an understanding of the challenges and benefits of collaborative projects.
- ▶ An understanding of medicines regulation.

## **Main Duties/Responsibilities**

- ▶ Review and plan implementation of Midland Eye theatre facilities as dual-use facility cleanrooms for drug preparation.
- ▶ Utilise these cleanroom facilities to prepare formulations for specialised eyecare drugs, particularly where there is poor patient tolerance or efficacy/longevity.
- ▶ The project will utilise novel Dry Eye Disease (DED) formulation development as an exemplar to embed skills in:
  - API and excipient screening, compatibility, and characterisation.
  - Particulate delivery systems (polymer-based/surfactant or lipid-based).
  - Manufacturing protocols and regulatory compliance requirements.
  - Decision-making toolkit to correlate physico-chemical properties of APIs and excipient selection for optimum formulation approach.

## **Additional responsibilities**

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities.
- ▶ 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>	<ul style="list-style-type: none"><li>▶ PhD in Pharmaceutical Sciences</li></ul>	Application form and interview
<b>Experience</b>	<ul style="list-style-type: none"><li>▶ Experience in characterisation of excipient, preparing formulations of particulate system, analytical method development, and process design and optimisation.</li></ul>	Application form and interview
<b>Aptitude and skills</b>	<ul style="list-style-type: none"><li>▶ Strong IT skills including use of Microsoft (Word, PowerPoint, and Excel) to produce reports, presentations and manage data.</li><li>▶ Able to work as part of a multi-disciplinary collaborative team with the capacity to take the lead role to deliver research objectives and milestones on time.</li><li>▶ Good verbal and written communication skills with the ability to liaise with all stakeholders, including potential customers and the steering group.</li></ul>	Application form and interview

	<b>Desirable</b>	<b>Method of assessment</b>
<b>Experience</b>	<ul style="list-style-type: none"><li>▶ Prior experience working within the pharmaceutical industry or in research to demonstrate an understanding of the challenges and benefits of collaborative projects.</li><li>▶ An understanding of the regulatory requirements for the production and use of medicines.</li></ul>	Application form and interview

## University values

All staff are expected to demonstrate/promote the University's values and expectations, which are an integral part of our strategy and underpin the culture of the University. In addition, our leaders are expected to be accountable, help to execute strategic visions of the University and share and set clear expectations that inspire those around them.

Values + Behaviours

				
<b>Innovation</b>	<b>Collaboration</b>	<b>Ambition</b>	<b>Inclusion</b>	<b>Integrity</b>
We strive for excellence within ourselves and others, providing solutions to new and existing challenges.	We work best when we are collaborative, working together to contribute to the Aston community.	We strive together for improvement and innovation looking ahead to see the bigger picture.	We treat everyone in our community equally and how they would like to be treated.	We are open, honest and fair. We take ownership of the way we work and how we treat each other.

## 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 23.59 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 [recruitment@aston.ac.uk](mailto:recruitment@aston.ac.uk).

## Contact information.

### Enquiries about the vacancy:

Name: Professor Afzal Mohammed

Job Title: Chair in Pharmaceuticals, Health and Life Sciences

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 [recruitment@aston.ac.uk](mailto:recruitment@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:** [Benefits and Rewards | Aston University](#)

**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:** You should ensure that you meet the eligibility requirements, including meeting the [English language standards](#). If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful. Please see UKVI guidance for further information on eligibility, knowledge of English requirements and approved test centres <https://www.gov.uk/tier-2-general>

With the end of free movement for EU/EEA/Swiss nationals from 1 January 2021, the UK's new immigration system applies to all non-UK/Irish nationals who require a visa.

Where an individual is subject to UK immigration control, they will require a visa to work in the UK.

The following individuals do not need a visa for the UK, but do still have to prove their right to work before employment can commence:

- **British Citizens or Irish Nationals**
- **EU/EEA/Swiss nationals with Settled or Pre-settled status under the EU Settlement Scheme**
- **Non-EEA nationals with Indefinite Leave to Remain/Settlement in the UK**

The main routes available for those who need a visa to work in the UK are **Skilled Worker**, **Global Talent** and the **Graduate Route**.

You can find further information about each of these visa routes on our candidate immigration page.

If you will conduct research in your role, you may need to apply for and obtain ATAS clearance before Aston can issue a Certificate of Sponsorship for your visa application. Please see below for further details.

### **Academic Technology Approval Scheme (ATAS):**

If you will conduct research in your role and you apply for a Skilled Worker or Temporary



Worker GAE visa, you may need to apply for and obtain ATAS clearance before Aston can issue a Certificate of Sponsorship for your visa application.

This process can take at least 6 weeks to process, and Aston will consider this when confirming your expected start date. Processing times will increase between April and September and can longer to complete.

There is no fast-track option available. ATAS certificates will be processed in order of receipt.

You can find more information about ATAS on our candidate immigration page.

## **Before you start and Right to Work**

### 90-day entry vignette

If you have applied for your visa outside of the UK, you will receive a vignette in your passport which is usually valid for 90 days. Please make sure to travel to the UK within the 'valid from' and 'valid to' dates on this visa. If you entered the UK before or after these dates, you would not 'activate' the visa and you would need to leave and re-enter the country.

You will also receive a decision letter confirming details about your immigration permission and where to collect your Biometric Residence Permit.

### Cost of Living - Estate and Letting Agents

There are numerous Estate and Letting Agents in and around Birmingham that can help you find suitable accommodation. The Midland Landlord Accreditation Scheme provides a list of professional agencies and landlords who have applied with them for accreditation. Whilst accreditation is not a guarantee of quality, it provides some reassurance about the standard of the service they provide.

You can also use property search websites such as Rightmove or Zoopla.

## **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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