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University of Sunderland

## Role Profile

### Part 1

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lifechanging



**University of  
Sunderland**

<b>Job Title:</b>	Research Associate Formulation (Cystinosis Foundation UK contract)
<b>Reference No:</b>	0156-17
<b>Reports to:</b>	Prof Roz Anderson
<b>Responsible For:</b>	Laboratory based development of a water soluble administration form of CF-10
<b>Grade:</b>	E
<b>Working Hours:</b>	37 hours per week for nominal purposes
<b>Faculty/Service:</b>	Health Sciences and Wellbeing
<b>Location:</b>	Sciences Complex
<b>Main Purpose of Role:</b>	Carry out formulation studies to develop a water soluble administration form of CF-10; maintain confidentiality of the project; prepare confidential manuscripts for patent and eventual publication.
<b>Key Responsibilities and Accountabilities:</b>	<p>Work alongside Professor Roz Anderson and Dr Amal Elkordy to:</p> <ul style="list-style-type: none"><li>• Carry out formulation studies to develop and evaluate a water soluble administration form of CF-10;</li><li>• Provide sufficient data to support the filing of a patent on a water soluble administration form of CF-10;</li><li>• Draft the appropriate documentation for patent filing and future publications.</li></ul>
<b>Special Circumstances:</b>	Carry out responsibilities / tasks related to research, other than those listed above, as agreed during the period of employment.



### Part 2A: Essential and Desirable Criteria

#### **Essential**

##### **Qualifications and Professional Memberships:**

- First degree and PhD in pharmaceutical formulation or cognate discipline

##### **Knowledge and Experience:**

- Knowledge and experience of key issues in pharmaceutical formulation and relevant techniques, including tableting, dissolution and stability studies
- Use of analytical methods using appropriate instrumentation to support formulation studies of APIs
- Multi-disciplinary expertise across pharmaceutical analysis and formulation
- Knowledge and application of COSHH principles to all laboratory work

#### **Desirable**

##### **Qualifications and Professional Memberships:**

- Membership of a professional body relevant to subject expertise

##### **Knowledge and Experience:**

- Knowledge and experience of aqueous soluble administration forms of active pharmaceutical ingredients and suitable excipients would be advantageous
- Knowledge and experience in the preparation of patents and publications, and the maintenance of confidentiality, are desirable

### Part 2B: Key Competencies

Competencies are assessed at the interview/selection testing stage

#### **Analysis & Research**

- Evidence of competence in research and the analysis of findings

#### **Communication**

##### **Oral Communication**

- Strong skills in face to face communication with colleagues, external collaborators and funding bodies

##### **Written Communication**

- Excellent written communication skills for the preparation of high quality peer-reviewed publications and successful patents

	<b>Decision Making</b> <b>Independent Decisions</b> <ul style="list-style-type: none"> <li>Ability to make sound, reasoned and evidenced decisions on research</li> </ul> <b>Decisions regarding external partners</b> <ul style="list-style-type: none"> <li>Ability to make sound, reasoned and evidenced decisions on collaborative and contracted project work</li> </ul>
	<b>Initiative &amp; Problem Solving</b> <ul style="list-style-type: none"> <li>Clear initiative and sound problem solving ability</li> </ul>
	<b>Liaison &amp; Networking</b> <b>Liaison</b> <ul style="list-style-type: none"> <li>Good interpersonal skills for liaison with internal and external researchers and contractors</li> </ul> <b>Participation in networks</b> <ul style="list-style-type: none"> <li>Ability to contribute on behalf of the University of Sunderland at research and networking events</li> </ul>
	<b>Planning and Organising Resources</b> <ul style="list-style-type: none"> <li>Good planning and organisation skills are essential</li> </ul>
	<b>Service Delivery</b> <ul style="list-style-type: none"> <li>Reliable delivery of agreed outputs is essential</li> </ul>
	<b>Teamwork &amp; Motivation</b> <ul style="list-style-type: none"> <li>Strong motivational skills and team working ability are important to this role</li> </ul>
<b>Date Completed:</b>	18 <sup>th</sup> June 2017