# JOB DESCRIPTION

**Postdoctoral Research Associate, Lancaster Medical School**  
*Vacancy Ref: A3235*

<table>
<thead>
<tr>
<th><strong>Job Title:</strong> Research associate - The role of SUMO modification in the replication stress response</th>
<th><strong>Present Grade:</strong> 6</th>
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<tbody>
<tr>
<td><strong>Department/College:</strong> Lancaster Medical School, FHM</td>
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<td><strong>Directly responsible to:</strong> Dr Elaine Taylor</td>
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<td><strong>Supervisory responsibility for:</strong> Undergraduate and Postgraduate project students</td>
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**Other contacts**

**Internal:** Dr Mick Urbaniak (Biomedical and Life Sciences), members of the Taylor lab, academic and research staff in Lancaster Medical School and Biomedical and Life Sciences, postgraduate and undergraduate project students, technical and administrative support staff.

**External:** Research networks and scientists in the field, funding bodies, general public during outreach activities.

**Major Duties:**
- to design and perform experiments, analyse data and interpret results, investigating the role of SUMO modification in the replication stress response
- to communicate research findings during lab meetings, internal seminars and at international conferences
- to participate in the day-to-day running of the research group, contributing to laboratory maintenance and other duties as appropriate
- to contribute to the preparation of manuscripts for publication
- to develop research projects and new lines of enquiry in collaboration with the PI (Dr Elaine Taylor)
- to contribute to the preparation of funding applications in collaboration with the PI
- to contribute to supervision of undergraduate and graduate project students, and provide training for other members of the laboratory as required
- to contribute to teaching and outreach activities, if desired