

JOB DESCRIPTION

Vacancy Ref: A2945

| | |
|--|-------------------------|
| Job Title: Senior Research Associate in Synthetic Supramolecular Chemistry | Present Grade: 7 |
| Department/College: Chemistry | |
| Directly responsible to: Dr Nicholas Evans | |
| Supervisory responsibility for: Some supervision of postgraduate and undergraduate students | |
| Other contacts | |
| <p>Internal: Academic and Research Staff, including Experimental Officers, in Department of Chemistry</p> <p>External: CO-ADD and other networks and teams from the wider research community (e.g. RSC MASC Interest Group).</p> | |
| Key Duties and Responsibilities: | |
| <p>Under the supervision of Dr Nicholas Evans, the Senior Research Associate will be responsible for:</p> <ol style="list-style-type: none"> 1. Leading and undertaking individual and collaborative research, solving open and unsolved research issues as necessary, to achieve Lancaster University's aims within the Leverhulme Trust-funded "Exploring Rapidly Accessible Rotaxanes as Synthetic Mimics of Lasso Peptides" project. Specifically, synthesizing and characterizing peptide containing interlocked molecules. 2. Planning, developing and disseminating research findings of the project. 3. Taking a lead in the running of group research in the laboratory, e.g. by providing technical training, student supervision and resource management (i.e. budget planning and purchasing). 4. Writing internal reports and organize project meetings. 5. Taking a lead in the preparation of journal papers for publication of project findings. 6. Representing Lancaster University at national and international conferences, presenting their own results to a wider audience and to learn about current advances in the field. 7. Connecting with other research teams and actively participate in networks that will assist in the promotion of research being undertaken. 8. Participating in (and ultimately taking the lead in) writing new research proposals that build on the expertise in the preparation and study of peptide containing interlocked molecules developed in this project. 9. Undertaking necessary training and development. 10. Through the above, develop an independent and leading research profile internationally. 11. Other duties commensurate with grade of post, as directed by the line manager. | |