

**JOB DESCRIPTION****Senior Research Associate, Division of Biomedical and Life Sciences****Vacancy Ref: A735**

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| Job Title: Senior Research Associate | Grade: 7P |
| Department/College: Division of Biomedical and Life Sciences | |
| Directly responsible to: Prof David Allsop | |
| Supervisory responsibility for: Some supervision of postgraduate and undergraduate project students | |
| Other contacts: Internal: Other research and academic staff, technical support staff and students within FHM External: Collaborators in Newcastle, Manchester and other institutions, external suppliers and the academic community | |
| Major Duties: <p>To undertake experiments on measuring the levels of various forms of α-synuclein and Aβ in human blood plasma taken from patients with Dementia with Lewy bodies (DLB), Alzheimer's disease, and various controls, using either conventional ELISA techniques, or using luminex bead-based assay systems. To liaise with collaborators in Newcastle and Manchester Universities. To undertake or contribute to data analysis and writing papers based on the lab results.</p> <p>The post holder will be expected to:-</p> <ul style="list-style-type: none"> • Undertake research into α-synuclein and Aβ as biomarkers for DLB • Develop and validate immunoassay systems for these markers • Keep accurate and complete records of laboratory work undertaken • Analyse results and regularly communicate progress to Prof Allsop • Develop research ideas and design appropriate experiments • Take responsibility for day to day project management • Assist with general laboratory housekeeping • Keep up to date with developments in the field • Assist with lab supervision of new/junior members of the laboratory and UG and PG students where appropriate • Assist with dissemination of project results (i.e. attend conferences, write papers) | |