

## Researcher Job Details

# Clinical Research Associate John Walton Muscular Dystrophy Research Centre Institute of Genetic Medicine Faculty of Medical Sciences

### Research Role Profile

You will be based at the John Walton Muscular Dystrophy Research Centre (JWMDRC) at Newcastle University led by Prof V Straub. The post will provide an opportunity for the successful candidate to build on experience in neurology, genetics, clinical research and laboratory based work. In addition, you will be able to participate in a range of different neuromuscular clinics across the JWMDRC and gain exposure to state of the art diagnostic capabilities for neuromuscular diseases.

You will play a key role in the analysis and coordination of a large international natural history study for Dysferlinopathy (The Jain COS Study) with a specific focus on linking clinical data collected at patient assessments with NMR data and research performed using the longitudinal biobanked samples obtained as part of this study.

The purpose of this role is to ensure that any analysis performed on these samples makes optimal use of the longitudinal phenotypic data collected during the study. You will play a key role in the analysis and interpretation of the data. You will also be expected to undertake clinical assessments at study visits and play a role in the NMR analysis. As part of this post you will also register for a PhD related to Dysferlinopathies, the focus of which will be agreed on appointment.

### Specific Responsibilities of Position

1. Participate in specialised clinical and diagnostic activities including the national referral clinics for rare inherited forms of muscular dystrophies and adult and paediatric clinics for local patients with neuromuscular diseases.
2. Undertake patient assessments at study visits and provide cover for other team members on other clinical trials.
3. Collaborating with external partners and the study steering group to ensure that optimal use of the clinical data is made to support the analysis of research performed on the biobank samples. Work in partnership with approved external collaborators performing research on the biobank samples collected through the Jain COS study to publish and present high level scientific information including analysing, writing and presenting reports and publications relevant to the work being carried out as part of the MRI strand of the research project.
4. Support the analysis of the MRI data at Newcastle as appropriate by linking the MRI data with appropriate clinical data to add value to both the MRI and clinical data analysis.

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5. Continuously review the literature and technology relevant to the project and ensure that the outputs of the project are positioned appropriately in relation to other on-going work.
6. Publish and present high level scientific information including writing and presenting reports relevant to the work being carried out as part of translational research.
7. Document learnings from this international multi-site study in order to inform the development of future studies.
8. Prepare and submit research proposals to funders.
9. Regular liaison with the principal investigators and senior members of the research teams to discuss the ongoing research and next possible steps.
10. Support the clinical initiatives of the Neuromuscular Team.
11. Participate in specialised clinics including the national referral clinics for rare inherited forms of muscular dystrophies and adult and paediatric clinics for local patients with neuromuscular diseases.

## Person Specification

		Essential or Desirable
	<b>Qualifications</b>	
1	MB BS (Medical Doctor, MD) or equivalent from recognised medical school	E
2	Fully registered with the GMC with licence to practice	E
3	Research degree	D
4	GCP training	D
	<b>Knowledge, Skills and Experience</b>	
1	Understanding of clinical trial methodology	E
2	Presentation of work at scientific meetings	E
3	Paediatric experience	E
4	Previous research publications	E
5	Basic understanding of MRI	D
	<b>Attributes/Behaviours</b>	
1	Enthusiastic and hard working	E
2	Excellent oral communication and writing skills	E
3	Team-working skills	E

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4	Excellent information technology and computing skills	E
5	High level of personal organisation	E
6	Willingness to undertake work outside of normal working hours	E
7	Willingness to travel internationally	E

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<b>SAP Position Number:</b>	
<b>Grade:</b>	Choose an item.
<b>Effective Date:</b>	17/09/2018