



## **Research Associate (postdoctoral) or Research Scientist Position**

### **Job Summary**

The Muscle Biology lab is seeking for an enthusiastic and motivated Research Associate or Scientist to work on a NIH funded project. This project is to understand the role of RNA binding proteins (RBPs) in striated muscle structure and function. The major focus of this project is to investigate the cellular and molecular mechanisms by which genetic mutations in RBPs facilitate protein membrane trafficking and formation of ribonucleoprotein granules in muscle tissues.

### **Job Responsibilities**

- Collects and analyzes basic research data, conducts experiments and interviews, and documents results according to established policies and procedures
- Conducts literature reviews, prepares reports and materials, and disseminates information to appropriate entities and assists with publications
- Trains individuals and groups on equipment operations, research protocols, and techniques within a specialized laboratory or research area
- Assists with the development of research methodologies and procedures
- Identifies concerns and recommends solutions to leadership
- Assists in developing grant applications and proposals to secure research funding

### **Education and/or Experience**

- An ideal candidate should have a Ph.D. degree in the molecular and cell biology, biochemistry, genetics or related area
- Experiences with general molecular and cellular techniques such as gene cloning, protein and nucleic acid purification, gel electrophoresis, immunoblotting, RNA transcription and posttranscriptional analysis, mammalian cell culture and transfection etc. Experience with transcriptomic and proteomic analysis is a plus.
- Experiences with lab animal care, handling, breeding, tissue collection and primary cell isolation and culture etc.
- Excellent communication and presentation skills
- The candidate should be a self-starter and team player, goal-oriented, organized, and enthusiastic about working in a fast-paced environment.

### **Salary**

NIH standard plus fringe and benefit for at least 2 years with annual renewal based on the performance.

**The position is available immediately and will remain open until filled.**

For application, please send a CV, a brief statement of your scientific experience and interests (no more than two pages), and a list of three references to [wguo2@wisc.edu](mailto:wguo2@wisc.edu). for further information, please visit <https://jobs.wisc.edu/research> or call at (608) 239-4375.

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