

## **Postdoctoral Scholar - Division of Gastroenterology**

### **POSITION DESCRIPTION**

The University of California, San Diego, Division of Gastroenterology in the Department of Medicine is recruiting a Postdoctoral Researcher to join a newly approved project. This proposal aims to understand and evaluate pathophysiological changes associated with anal sphincter muscle dysfunction related to child-birth-related neuromuscular injuries and aging. These studies will evaluate the application of a novel multimodal intervention approach to prevent anal competence and incompetence employing an animal (rabbit) model. These studies will evaluate: 1. mechanisms of injury- and age-related sphincter muscle dysfunction; 2. mechanisms of the cumulative impact of age on injury-related sphincter muscle function. A clear understanding of the molecular mechanisms underlying sphincter fibrosis and atrophy could lead to the identification of novel targets for the development of innovative preventative and therapeutic strategies.

### **QUALIFICATIONS**

**Basic qualifications** (Required at Time of Application)

Requirements for this position include a Ph.D. degree in biology, pharmacology, physiology, immunology, biochemistry, or any biomedical sciences. A successful applicant will demonstrate creativity, productivity, and interest in science through their experience.

**Preferred Qualifications**

Previous experience working with animal models such as rabbits, rats, and mice. Experience in basic immunological (such as immunohistochemistry, Western blot) and molecular techniques (quantitative PCR) is a plus but not essential.

### **APPLICATION REQUIREMENTS**

**Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research
- Statement of Teaching (Optional)
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our [Faculty Equity](#) site for more information.
- Misc / Additional (Optional)

**Reference requirements**

- 3 required (contact information only)

### **CAMPUS INFORMATION**

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin,

disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.

As a university employee, candidate will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

The University of California prohibits [smoking and tobacco](#) use at all University controlled properties.

The UC San Diego Annual Security & Fire Safety Report is available online at: <https://www.police.ucsd.edu/docs/annualclery.pdf>. This report provides crime and fire statistics, as well as institutional policy statement & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

**Please send the application to: R. K. Mittal MD, Professor Medicine, University of California, San Diego. E. mail address: [rmittal@ucsd.edu](mailto:rmittal@ucsd.edu)**