

Postdoctoral Associate Position At MUSC/NCI-designated Hollings Cancer Center

Postdoctoral Associate Position:

Prof. Silvia Guglietta is currently recruiting highly motivated and driven Postdoctoral researchers with a recent Ph.D. in Microbiology and/or Immunology to join her lab in the Department of Regenerative Medicine and the NCI-designated Hollings Cancer Center at the Medical University of South Carolina, Charleston.

The focus of Guglietta lab is understanding how dysregulation of intestinal immunity affects disease development locally and at distant sites using a wide array of high dimensional technologies and novel preclinical models.

This position will provide a unique opportunity to be part of an enthusiastic research team working to understand the mechanisms of colon cancer development especially in the early onset settings with the aim to develop new strategies for prevention and treatment.

The ideal postdoctoral researcher is expected to work with relative independence and responsibility.

The Guglietta Lab provides training opportunities so that the postdoctoral researcher can grow their leadership and management skills.

You, as the ideal postdoctoral researcher, must be respectful, curious and open to feedback; an excellent communicator (experienced in writing and publishing scientific papers and presenting scientific meetings); and you enjoy being the “go-to” person to help lab members.

Preference will be given to candidates with expertise in microbiology and microbiome research, including ability to isolate and grow bacterial species from different specimens.

Expertise in the generation of intestinal organoids in humans and/or mice is highly desirable. Experience with mouse models and immunological methods is preferred but not essential.

As postdoctoral fellow you will be responsible for developing, implementing and test new methods on our available models and patient samples. You will be responsible for maintaining systems and structures that ensure the methods and results are reproducible.

Postdoctoral trainees from all backgrounds are encouraged to apply.

For more information on the ongoing research in Guglietta lab please visit our website:

<https://medicine.musc.edu/departments/regenerative-medicine/research/quglietta-lab>

Here is a link to our scientific publications:

<https://pubmed.ncbi.nlm.nih.gov/?term=guglietta+silvia&sort=date>

Additional Responsibilities and Opportunities:

- You will have the opportunity to write first-author oncology and immunotherapy subject-matter papers.
- You will have the opportunity to co-author subject-matter papers with PhD students, and train those students to develop reproducible research.
- You will collaborate with Dr. Guglietta and collaborators at MUSC to co-author scientific manuscripts and help to prepare grant proposals for the NIH.
- You will be part of monthly professional development workshops led by Dr. Guglietta and guest speakers. These workshops will focus on building skills in leadership, mentoring, project management, public speaking, team-building, among others.
- You will be part of our lab’s writing group. Dr. Guglietta has developed a series to train her lab on how to write clear, compelling, and exciting manuscripts and applications (for faculty positions, internships, and national awards). The writing group is actively working on different applications and manuscripts and meets on a bi-weekly basis to give and receive feedback.
- You will be part of our lab’s reading group. The lab meets on a bi-weekly basis to discuss papers on immunology, oncology, immunotherapy and microbiology. The lab also uses these sessions to brainstorm ideas about how our lab can be used to answer ongoing questions in the field.

Your skills and abilities (Required):

- You are open to feedback, and act on it.

- You are enthusiastic about learning new techniques that can be applied to solve real-world problems.
- You are highly motivated to pursue and establish a career in research.
- You are self-motivated and driven.
- You are able and willing to work independently.
- You are a fast learner and critical thinker.
- You are results-driven/outcome oriented.
- You are flexible with your time.
- You are organized.
- You maintain high standards in research.
- You are an excellent communicator.
- You are ready to hear about and overcome any patterns that interfere with your productivity and growth as a person and scientist.

Your Technical Skills (Required):

- You have extensive training in Microbiology.
- You are able to implement, test and document your work.
- You are able to independently write manuscripts for publication in scientific journals.
- You can communicate methods and results in clear and simple language.
- You are able to think critically, develop and test methods/models and interpret results independently.

Due to funding restrictions, only US citizen and permanent residents will be considered for this position.

How to Apply:

Please send the following application materials to Dr. Silvia Guglietta (gugliett@muscc.edu):

- A one-page cover letter stating why you are interested in this position and what your qualifications are.
- A one-page essay about how your values and vision matches ours (see our team values). Include three strengths that you'd like to bring to our team and three weaknesses. You can do the self assessment at principlesyou.com to increase your self-awareness.
- A brief description of a project/topic that you would be interested in developing in the lab.
- Your CV.
- Names and contact information of three references. Please also state what the nature of your work relationship with these people was/is.