

Postdoctoral Research Fellow Position Available in the lab of Allison L. Speer, MD

Title: Postdoctoral Fellow

Location: Program in Children's Regenerative Medicine in the Department of Pediatric Surgery at McGovern Medical School at the University of Texas Health Science Center at Houston

Address: 6431 Fannin Street, MSB 5.254, Houston, TX 77030

Contact Email: Allison.L.Speer@uth.tmc.edu

Website: <https://med.uth.edu/pediatricsurgery/research/research-centers-and-programs/program-in-childrens-regenerative-medicine/>

Salary: Commensurate with experience.

Closing Date: Open until filled.

Speer Lab Description:

The Speer lab is focused on developing novel regenerative medicine strategies for intestinal failure such as tissue-engineered intestine and cell-based therapies. We currently use hESCs to generate human intestinal organoids (HIOs) for both in vitro and in vivo models to investigate the development of the enteric nervous system. Additionally, we are developing a cell-based therapy using iPSCs for enteric neuropathies. The Postdoc would be a part of a dynamic and stimulating research community within the Program in Children's Regenerative Medicine. There are 9 faculty and 14 research team members in non-clinical laboratory research. Faculty have been awarded over \$15 million as Principal Investigators. The program additionally includes two of our own state-of-the-art cGMP facilities.

Qualifications:

The candidate must have a PhD, or MD/PhD degree. The candidate should have demonstrated a publication record and strong background in molecular biology, translational medicine, and/or regenerative medicine. Prior research experience should ideally include: stem cells (experience with hESCs or iPSCs is preferred), the enteric nervous system, gastroenterology, and/or developmental biology. Knowledge of the maintenance of hESCs/iPSCs, generation and characterization of iPSCs, and/or differentiation of hESCs/iPSCs into neural crest, neurons, or glia is a plus. The candidate should be motivated and able to conduct independent research. Excellent communication and organization skills are required.

Other requirements:

UTHealth provides equal employment opportunities, is committed to recruiting a talented and diverse workforce, and encourages applications from under-represented ethnic minorities and veterans.

HOW TO APPLY: Interested applicants should email a current CV, NIH Biosketch, half page statement of research interests and career goals, and 3 references to Allison.L.Speer@uth.tmc.edu

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