The newly established Program in Children’s Regenerative Medicine in the Department of Pediatric Surgery at The University of Texas Medical School at Houston is seeking a Postdoctoral Research Fellow for its Cellular Therapeutics Translational Laboratory and Human Cell Processing cGMP Facility. The successful candidate will report to the Director of the facilities and must be able to work with minimal supervision on translational research projects related to cell therapy and regenerative medicine. Among primary responsibilities, the incumbent will be responsible for the development of improved cryopreservation and storage techniques for cells and/or tissues and transitioning innovative fetal tissue engineering therapeutic approaches and adult cell-based therapies aimed at neurological injury from experimental pre-clinical models to clinical applications. After proper training, additional responsibilities will include participating in the production of clinical grade, cell and tissue engineered products. The ideal candidate will have a Ph.D. or equivalent degree in a relevant scientific discipline, a keen interest in stem cells, tissue engineering and regenerative medicine, knowledge of cryobiology and vitrification technology, and experience with pre-clinical studies using animal models as well as with aseptic methods of harvesting, purification, processing, culture, storage and characterization of human stem cells. He/she will be strongly motivated to work both independently and as a team member in a highly interactive and dynamic research environment, with a proven ability to conduct and publish research and an enthusiasm to learn and develop new techniques. This position will work closely with physicians, scientists, experts in regulatory issues and process development, and other postdoctoral fellows within the Program of Regenerative Medicine.

The Program has over 5,000 square feet of state of the art, fully-equipped basic laboratory and tissue engineering facilities as well as 4,000 square feet of cGMP laboratories for production of clinical grade, cell and tissue engineered products. This initiative will help to save children’s lives and improve the quality of their lives by developing techniques and therapies to repair damaged organs or birth defects in children.

To apply: Please email the following to: Crystal.J.Sharp@uth.tmc.edu

- Put the word “Postdoc” in the subject line of your email,
- Attach your current curriculum vitae and three references,
- Respond to the following questions in the body of the email:
  
  If hired, are you legally authorized to work in the United States of America?
  Will you now or in the future require sponsorship for employment visa status (e.g., J-1, etc.)?

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