The Department of Surgery has an immediate opening for a Postdoctoral Research Fellow to conduct research in normal development and tissue injury and repair in gastrointestinal tract, with respect to signal transduction of TGF-beta superfamily and other related pathways. As a postdoctoral fellow, you will develop both scholastic and technical research skills necessary to become an independent researcher.

MAJOR DUTIES:

- Review scientific literature to define specific problems and possible solutions.
- Establish novel methods to test scientific problems.
- Perform experimental models related to small animal handling and manipulation, and collection of animal tissue samples.
- Perform cell culture and relevant in vitro assays.
- Perform molecular and cellular biology assays, such as DNA, RNA and protein isolation, Western blotting, real-time PCR, transcription reporter assays, immunofluorescence and immunohistochemistry assays, from animal tissue samples and cultured cells.
- Compile, analyze and evaluate data.
- Draft manuscripts for submission to peer-reviewed journals.

QUALIFICATIONS:

- Doctorate Degree in Basic Science or Medical Science

To apply, please send a current resume/CV and the names and contact information of three references to:

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