

POSTDOCTORAL RESEARCHER – INTESTINAL STEM CELL REGENERATION

The Gracz lab is hiring a junior postdoctoral researcher to join our lab in the Division of Digestive Diseases at Emory University. We are interested in understanding the genetic regulation of tissue regeneration in the intestine and liver. Our work focuses on the intersection of transcriptional regulation, chromatin, and cell biology.

This position will be instrumental in driving projects in chromatin regulation of intestinal stem cell injury and regeneration. Key scientific questions will focus on understanding transcriptional and chromatin regulatory mechanisms underlying return to homeostasis following inflammation/injury and long-term, damage-induced changes to the intestinal epithelium.

The position will be supported by R35 funding from NIH/NIGMS and internal funding from the Emory School of Medicine. **There are ample opportunities and resources for developing new projects, taking creative and bold risks, and pursuing new lines of research.** The training environment within the Division, as well as across Emory University provides ample opportunity for collaboration and co-mentorship.

Our lab has expertise in a wide range of techniques, including transgenic/knockout **mouse models**, mouse and patient-derived **organoids, bulk and single-cell genomics**, and computational biology. We believe in embracing and adopting new technologies and experimental approaches that allow us to better answer our core biological questions. Candidates with expertise in any area of cell biology and/or genetics, along with strong oral and written communication skills, are encouraged to apply. Prior expertise in epithelial biology, gastrointestinal biology, or transcription/chromatin is preferred but not required.

The ideal candidate will bring enthusiasm and creativity to technically challenging benchwork. They will thrive in an environment that prioritizes experimentation to drive the intellectual advancement of the research program. An interest in joining a growing lab and helping mentor/train junior members is desired. **We value a diverse, kind, and collaborative environment that facilitates independence and career growth.**

Start date is flexible. More information about our lab, including links to recent publications and pre-prints, can be found at: www.graczlab.org. Interested candidates should contact Dr. Adam Gracz with a letter of interest and recent CV at: agracz@emory.edu