

**Post-Doctoral Fellow: MSCs and Cell Products for Musculoskeletal  
Regenerative Medicine  
Temenoff Laboratory and Marcus Center for Cell Biomanufacturing**

- Job Description:** An immediate opening is available for a post-doctoral fellow to work on a collaborative project to assess effects of culture conditions and cell source on scale-up of highly metabolically active mesenchymal stromal cells for a variety of musculoskeletal regenerative medicine applications. Primary responsibilities will be to perform *in vitro* and *in vivo* studies of cell culture conditions on cell function, including histology, flow cytometry, ELISAs, metabolic assays, and multi-omics characterizations, with the goal of enabling automation of production of highly-potent cells and cell products. Interaction and coordination with ongoing projects in our NSF-funded Center for Cell Manufacturing Technologies and Marcus Center for Cell Biomanufacturing will be expected, in addition to participation in preparation of grant proposals.
- Qualifications:** A Ph.D. in biology/bioengineering with significant experience in experience with cell culture and cell-based assays (flow cytometry, immunostaining, ELISA) is required. Experience with small animal surgical procedures is preferred.
- To apply:** Applicants should submit a CV (including 3 potential references) and a letter describing their research interests to Dr. Temenoff via e-mail.

**Contact Information**

- Address:** Dr. Johnna S. Temenoff  
Georgia Institute of Technology / Emory University  
The Wallace H. Coulter Department of Biomedical Engineering  
315 Ferst Dr., Rm 2305  
Atlanta, GA 30332
- Phone #:** 404-385-5026
- Email:** [johnna.temenoff@bme.gatech.edu](mailto:johnna.temenoff@bme.gatech.edu)
- Website:** <http://temenoff.gatech.edu> and  
<https://cellmanufacturing.gatech.edu>