

**Postdoctoral Associate
Laboratory of Sue Hammoud
Department of Human Genetics
University of Michigan
Ann Arbor, Mi**

The **Hammoud Laboratory** at the University of Michigan Medical School is seeking two highly motivated individuals interested in the fundamental principles of germ cell development or transgenerational epigenetic inheritance. Our two primary research interest includes : 1) Unraveling the molecular program of spermatogenesis –using single cell approaches. 2) Defining molecular carriers of epigenetic memory. These early studies aim to provide a fundamental understanding of germ cell biology and paternal contribution; the findings will have direct clinical and therapeutic relevance for infertility and fertility preservation

The ideal candidate will have a PhD in life sciences or bioinformatics with a strong background in cell and molecular biology, genetics, epigenetics, transcriptional regulation, high-resolution microscopy, or bioinformatics. Experience with mouse models is essential. Additional qualities should include the ability to work in a team, a passion for scientific endeavor, and excellence in communication skills.

The Hammoud lab is part of a highly collaborative environment we have extensive collaborations within the University of Michigan and abroad. We also have access to numerous state of the art core facilities and specialized equipment. Michigan has several opportunities for career development. The University has launched a special postdoctoral program that we have access - please see link: <http://record.umich.edu/articles/fellows-program-aims-develop-life-sciences-leaders> and <http://fellows.lsi.umich.edu/>.

This is a 100% time research position. All interested applicants should submit a letter of motivation, CV, and contact information for at least three references. For questions regarding the position, please contact Dr. Sue Hammoud at hammou@med.umich.edu.