

**Postdoctoral Fellow Position Available**  
**Department of Pediatrics Research Center**  
**The University of Texas Medical School at Houston**  
**Houston, TX**

Postdoctoral Associate Positions in the Yang (Elefteriou) Lab

The Yang laboratory currently has a postdoctoral position immediately available at McGovern Medical School, The University of Texas Health Science Center at Houston. Ph.D. and/or M.D. degree or equivalent in a relevant research area is required. Highly motivated and creative individuals with strong background in skeletal development biology, molecular and cell biology, and/or biochemistry are encouraged to apply. Prior experience with mouse genetics is valuable but not required.

Yang lab research is focused on understanding transcription regulation of mesenchymal stem cell biology, skeletal of cartilage and bone development and regeneration, with a special interest in identification of novel regulatory factors and signaling molecules. Undergoing studies are supported by National Institute of Health. Research approaches include a combination of genetic mouse model, molecular and biochemical techniques. Projects will need to use mouse genetics, cell culture and manipulation, live imaging, molecular biological and biochemical techniques such as PCR, mutagenesis, subcloning, Western blot, co-immunoprecipitation, immunofluorescence et al. Studies will also need to use 2nd generation sequencing techniques such as RNA-seq and ChIP-seq to identify gene changes in control and disease models, and CRISPR-Cas9 genome editing technology to generate specific gene knockout cell lines and mouse models.

McGovern Medical School, The University of Texas Health Science Center at Houston has exceptional resources in biomedical research. McGovern Medical School is located in the heart of the Texas Medical Center, the largest medical complex in the world, providing an outstanding environment for innovation. Researchers collaborate across institutions creating a vast biomedical research ecosystem. Houston has a modest cost of living and is family friendly.

Salary will follow NIH guideline depending on experience. Applicants should send a cover letter briefly describing your research interests and future goals, curriculum vitae, and contact information for three references to Dr. Xiangli Yang (**email: [xiangli.y.elefteriou@uth.tmc.edu](mailto:xiangli.y.elefteriou@uth.tmc.edu)**)

URL to a full list of published work in My Bibliography:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1FKjdeSyIEG5W/bibliography/41842090/public/?sort=date&direction=descending>

**Equal Employment Opportunity Statement**

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