

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

Postdoctoral Associate Positions in the Wang Lab

Wang laboratory currently has one postdoctoral position immediately available to work on cardiovascular study 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 developmental biology, molecular and cell biology, and/or biochemistry are encouraged to apply. Prior experience with mouse genetics is valuable but not required.

Wang lab research is aimed at understanding signaling pathways such as Hippo, Wnt and Bmp pathways as well as non-coding RNAs in regulating craniofacial and heart development, diseases and regeneration, with a special interest in cranial bone development and regeneration, congenital heart diseases, and cardiac conduction system disease and regeneration. Undergoing studies are supported by NIH and AHA grants. Research approaches include a combination of genetic mouse model, molecular and biochemical techniques, genomics, proteomics, and next generation sequencing 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. Jun Wang (**email: jun.wang@uth.tmc.edu**)

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

<http://www.ncbi.nlm.nih.gov/myncbi/browse/collection/43201576/?sort=date&direction=descending>

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