Simmons Comprehensive Cancer Center
UT Southwestern Medical Center

**Postdoctoral Fellow in Chromatin Transcriptional Regulation**

**Research Area:** Transcription, Chromatin, Gene Regulation, Posttranslational Modification, and Molecular Virology

**Description of project:** A postdoctoral position is available to study the mechanisms of chromatin-dependent transcription and posttranslational modification of transcription factors, cofactors and the general transcription machinery. *In vitro*-reconstituted chromatin transcription and protein modification systems, in conjunction with gain- and loss-of function approaches performed in cultured cells, are frequently used in the lab to identify factors and pathways leading to gene activation and repression. Current focuses include transcription mechanisms and chromatin dynamics regulated by p53, AP-1, HPV-encoded E2 and E6 proteins, and BRD4 BET family proteins, and the elucidation of their functional roles during cancer initiation and progression as well as the maintenance of genomic integrity.

Applicants with a Ph.D. degree and a strong background in transcription, chromatin, protein biochemistry, molecular biology, virology, genomics, and proteomics are encouraged to apply.

Please forward your CV and names of three referees to:

Dr. Cheng-Ming Chiang
Simmons Comprehensive Cancer Center
University of Texas Southwestern Medical Center
5323 Harry Hines Blvd., ND2.210H
Dallas, Texas 75390-8807
Phone: (214) 645-6128
Fax: (214) 645-6347
[Cheng-Ming.Chiang@UTSouthwestern.edu](mailto:Cheng-Ming.Chiang@UTSouthwestern.edu)
[http://www4.utsouthwestern.edu/chianglab/](http://www4.utsouthwestern.edu/chianglab/)

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