

**Postdoctoral Fellow Position in Cancer Research in the Department of  
Medicine at Johns Hopkins University School of Medicine**

A research postdoctoral fellow position is available starting in the summer, 2009 in the Department of Medicine at Johns Hopkins School of Medicine for molecular biology studies in cancers, including thyroid cancer, melanoma, colon cancer, and other cancers, to explore molecular mechanisms in tumorigenesis, particularly in relation to genetic and epigenetic alterations (e.g., DNA methylation and histone modifications) and aberrant pathway signalings. Strong molecular and cellular biology backgrounds are required. The project may involve methylation-specific PCR, quantitative real-time PCR, various microarray analyses (such as gene expression and CpG/DNA methylation profiling), various blotting techniques, chromatin-immunoprecipitation-PCR (ChIP), DNA-protein binding assay, plasmid vector manipulation and transfection, siRNA/shRNA knockdown techniques, cell proliferation and xenograft tumor analysis, and other techniques. Experience and skills with some of these techniques are preferred. Candidates are encouraged to apply by e-mailing a CV, a short description of career goal, and three recommendation letters to: [mxing1@jhmi.edu](mailto:mxing1@jhmi.edu)

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