

## **Job Description**

Postdoctoral positions available in the developmental biology laboratory of Dr. Mary Loeken at the Joslin Diabetes Center, a teaching and research affiliate of Harvard Medical School. We utilize mouse models and embryonic and induced pluripotent stem cells to study metabolism and gene expression regulating neural tube development. Current projects include metabolic pathways that regulate pluripotency and self-renewal, signaling pathways that regulate expression of embryonic genes during normal and diabetic conditions, and genetic variation in embryo/stem cell fuel metabolism.

## **Job Requirements**

Candidates should be highly motivated, have a PhD or MD/PhD, a minimum of 3 years laboratory research experience, and a strong background in molecular biology, cell biology, developmental biology, and biochemistry. Robust skills in ESC or iPSC culture; mouse handling; chromatin, RNA, and protein analyses; confocal/fluorescence microscopy; and molecular biology are preferred. Experience in Crispr/Cas9 technology would be an asset. Candidates should have strong communication and writing skills in English and publications in internationally recognized journals.

**To Apply:** Candidates should send a CV, personal statement, and contact information for 3 faculty references to: [mary.loeken@joslin.harvard.edu](mailto:mary.loeken@joslin.harvard.edu)