Title: Postdoctoral Position-Metabolic Regulation of Embryos and Stem Cells-Joslin Diabetes Center

Job Description

A postdoctoral position is 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 investigate how fuel metabolism regulates signaling pathways and gene expression during early embryonic development using mouse embryos and embryonic and induced pluripotent stem cells. The objective of this research is to understand the molecular causes of congenital malformations in the offspring of diabetic mothers and to identify novel therapies.

Job Requirements

Applicants should be highly motivated, have a PhD or MD/PhD, and a strong background in gene regulation, stem cell biology, developmental biology, and biochemistry. Robust skills in ESC or iPSC culture, mouse handling, molecular biology, RNA and protein analyses, and metabolic analyses are required; experience with CRISPR/Cas9 technology is preferred. Candidates must have a proven track record in laboratory research as demonstrated by publications in top English language journals.

To Apply: Applicants should send:

1. A curriculum vitae, including publications and information about experience in research laboratory settings.
2. Names and contact information (email and telephone numbers) of 3 faculty references.
3. A description of research interests and long term plans.

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