

Postdoctoral Researcher in Molecular Microbiology

We are recruiting a postdoctoral scientist who will be responsible for conducting independent basic science research with training and mentoring by a faculty member at Tufts University School of Medicine in Boston, MA. The trainee will be involved in experimental approaches ranging from mutational alteration of bacterial regulatory proteins to *in vitro* and *in vivo* analyses of the interactions of regulators with target genes. Examples of methods to be used include cloning of wild-type and mutant forms of regulatory proteins, RNA-seq, ChIP-seq, qPCR, qRT-PCR, protein purification, *in vitro* transcription, gel shift assays, and DNase I footprinting. Information about the laboratory can be found at:

<http://sackler.tufts.edu/Faculty-and-Research/Faculty-Profiles/Abraham-L-Sonenshein-Profile>

IMPORTANT: This position is best suited for an individual highly motivated to build a portfolio of research accomplishments in preparation for acquiring a position as an independent scientist in academia or industry.

REQUIREMENTS: PhD or MD/PhD degrees in Molecular Biology, Microbiology, Biochemistry or a related area of science. A minimum commitment of two years is required; placement in the position may not exceed three years. Prior familiarity with at least some of the techniques listed above is essential (preference will be given to candidates having previous experience working with bacteria and molecular biology).

Interested applicants should reply with a cover letter explaining their relevant experience and long-term career plans, a resume and the names, telephone numbers and e-mail addresses of 2-3 references.

The cover letter should be addressed:

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