

Postdoctoral Fellowship - DNA Enzymes Division

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Job description

Postdoctoral Fellowship – DNA Enzymes Division – Job Code 1042HZ

The DNA Enzymes Division is inviting applicants for a Postdoctoral Fellow to perform protein engineering of DNA enzymes, including, but not limited to, DNA polymerases and DNA ligases. Projects will focus on altering enzyme function with a goal of understanding protein structure/function relationships. Techniques to accomplish this include large scale mutagenesis and cutting edge biochemical assays.

Primary Responsibilities:

- Large scale protein mutagenesis.
- Purification of specific mutant proteins at different scales.
- Biochemical characterization of promising mutants.

- Publication of findings in peer-reviewed journals.

Required Qualifications:

- Ph.D. in Molecular Biology, Biochemistry or related areas, and having had no more than 2 years of postdoctoral experience.
- Prior experience in protein engineering.
- Proven record of scientific publication.
- Have a strong work ethic, emphasizing both efficiency and quality of work.
- Have strong hands-on experience with proven bench skills.

Preferred Qualifications:

- Knowledge of FPLC system operation.
- Ability to collaborate with multiple research groups.

This position offers exciting opportunities for excellent scientific research in an academic style industry environment and participation in national and international conferences.

New England Biolabs is an Equal Opportunity/ Affirmative Action Employer of Minorities, Females, Disabled and Protected Veterans

Candidates may apply online at www.neb.com

About this company

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Established in the mid-1970s as a cooperative laboratory of experienced scientists, New England Biolabs (www.neb.com) is a world leader in the production and supply of reagents for the life science industry. NEB now offers the largest selection of recombinant and native enzymes for genomic research and continues to expand its product offerings into areas related to proteomics

and drug discovery.

After more than 35 years, NEB can be considered one of the first companies to help shape today's biotechnology industry. Housed in a new state-of-the-art facility, NEB's USA headquarters includes a modern fermentation center and fully equipped laboratories for production, quality control, product development and basic research. As one of the first companies to produce restriction enzymes on a commercial scale, NEB continues to specialize in restriction enzymes and consistently maintains a position at the forefront of this field. At New England Biolabs, science has always been a priority and through this approach, NEB's reagents have gained a world-wide reputation for setting the highest of standards for quality and value.

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