

Job Opportunities at the Foundation for Applied Molecular Evolution

Title	Senior/Staff Scientist - Protein Engineering
Country	United States
State	Florida
City	Alachua/Gainesville
Job Level	Experienced Professional

Job Description

We are seeking talented and driven scientists able to use the power of protein engineering to create new enzymes that will be used in new diagnostic devices, new synthetic biological systems, new therapies, and new technologies to support the ongoing revolution in the life sciences. Successful candidates will join a dynamic interdisciplinary team that has already generated new technologies in these areas, including tools for "Next Generation" DNA sequencing, artificially evolving chemical systems, and DNA synthesis. Activities are supported by a broad range of public and private funding, licensing, and commercial sales. Further, for postdoctoral fellows interested in academic futures, successful candidates will have early opportunities to be co-Principal Investigators on external grants and contracts.

Salary is commensurate with experience.

Representative Tasks and Responsibilities:

- Design, engineer and characterize novel enzymes, including DNA polymerases, RNA polymerases, and nucleoside kinases, for applications in synthetic biology and biotechnology.
- Plan, execute and analyze various laboratory experiments to engineer and/or characterize novel enzymes in these areas.
- Interact with chemists, engineers, and clinical specialists to create engineered enzymes with properties that meet their specifications.
- Participate in fund raising activities, including leading these efforts as appropriate.

Analogous tasks and responsibilities may become part of the job portfolio as opportunities arise and change.

Preferred Background:

- PhD in biochemistry, protein engineering, or a related field.
- Several years of hands-on experience in cloning, expression, purification and biochemical characterization of proteins, preferably those that interact with DNA or RNA (such as DNA polymerases, RNA polymerases, kinases, and ligases).
- Familiarity with the use of *E. coli* as an expression vehicle.
- Several years of experience leading scientific teams and meeting deadlines in a fast-paced environment.
- Sound understanding of the latest genomics technologies and methods.
- Good communication skills.

EOE/Minorities/Females/Vet/Disability

Send Curriculum vitae, including contact information for yourself and three references, to:
resumes@ffame.org

Include "Protein position" and your name in the subject line and attached file.