

Job Opportunities at the Foundation for Applied Molecular Evolution

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

Job Description

We are seeking a talented and driven senior or staff protein engineer who is able to use the power of protein engineering to create new diagnostic devices and therapeutic agents, new synthetic biological systems, and new technologies to support the ongoing revolution in the life sciences. This Scientist will join a dynamic interdisciplinary team that has already generated new technologies in these areas, including "Next Generation" DNA sequencing, artificially evolving chemical systems, and DNA synthesis. Activities here enjoy a range of public and private funding, licensing, and commercial sales.

Tasks and Responsibilities:

All listed tasks and responsibilities are essential to this position. However, analogous tasks and responsibilities may become part of the job portfolio as opportunities arise and change.

- Participate in a team of scientists to engineer and characterize novel enzymes, including DNA polymerases, RNA polymerases, and nucleoside kinases, for NGS, with defined goals and timeframes.
- 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 whose properties meet their specifications.

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