POSTDOCTORAL SCIENTIST - PHARMACEUTICAL DEVELOPMENT (Protein)

Want to be part of a company whose goal is to provide outstanding pharmaceutical discovery and development services by creating and using cutting edge science and developing new methods and molecules? Do you want to work with some of the brightest minds in the industry in a rapidly growing company on a trajectory to have a major impact in the life science research arena? We are seeking a talented and passionate scientist who is eager to be part of our success, and who embraces our core values: Integrity, Excellence, and Teamwork. This role requires a highly driven and proactive scientist with a passion for drug development, the curiosity and flexibility to work on diverse projects, and the tenacity to tackle complex questions by developing/applying new methods to solve previously intractable problems in drug development in a dynamic, fast-paced, team-oriented and collaborative environment.

We require a highly motivated Postdoctoral Scientist to work on protein stability & aggregation as it relates to therapeutic protein development. The current postdoctoral project is designed to understand the fundamental mechanism/s of protein instability, sub-visible particulate formation and aggregation using variety of chromatographic, biophysical and biochemical tools.

DUTIES AND RESPONSIBILITIES:

- Evaluate physical and biophysical properties of peptides, proteins, and bioconjugates relevant to drug development and subsequently communicate the interpretation and implication of results to clients.
- Develop analytical and high throughput biophysical methods to characterize product variants
- Execute and oversee specialized analytical testing and generation of technical documents
- Maintain a strong awareness of current scientific literature, particularly in the area of protein characterization, and actively apply new concepts as appropriate.
- Design experiments to develop pre-clinical and clinical formulations of drug candidates to support drug discovery and development.
- Design experiments to determine the stability in prototype clinical formulations, to detect and identify the decomposition products, and to achieve formulations with acceptable shelf-life.
- Perform laboratory experiments related to the above.
- Create presentations for outside scientific meetings and conferences to showcase Wolfe Laboratories’ scientific leadership in the field of protein analysis and characterization.
- Interface with clients to develop an in-depth understanding of client objectives and define solutions to meet their program requirements
- Develop compelling approaches and solutions to address client needs
- Write persuasive proposals for the projects
- Regularly interact with clients to keep them abreast of project progress
- Write and review interim and final reports.
REQUIRED BACKGROUND AND EXPERIENCE:

- Ph.D. in Biochemistry, Biophysics, Chemistry, Biomolecular engineering, Organic Chemistry, Chemical engineering or closely related disciplines
- In depth experience in the area of protein biophysics involving structure-folding-stability relationships. This includes purification, stability, kinetics and thermodynamics of folding of monomeric proteins, particularly as they relate to the pre-formulation and formulation development of new drugs
- Hands-on experience with chromatographic method development as well as techniques used for biophysical characterization of biopharmaceutical products such as calorimetry, spectroscopy, higher order structure analysis, protein mass spectroscopy, CE, HPLC, ELISA, and carbohydrate analysis.
- Strong knowledge of Organic Chemistry principles
- A demonstrated drive to apply technical knowledge to developing drug formulations
- Established track record of significant contributions as an individual technical expert
- Outstanding written and oral communication skills as well as polished and persuasive client presentation skills

ADDITIONAL DESIRABLE BACKGROUND:

- Good understanding of excipient and ligand interaction with proteins
- Evaluation of thermodynamic and kinetic models
- Experience in creating and delivering trainings

WHERE THIS JOB COULD LEAD:

At Wolfe Laboratories Inc., we pride ourselves on retaining and growing our team members, and ensuring they are developing to their full potential. This position can provide many different avenues for advancement, including:

- Training towards becoming a Project Manager
- Leader of an innovative business line
- Become a Lead Technical Researcher
- Managing a team of Postdoctoral employees

What we offer:
Wolfe Labs’ employees are innovators with a winning attitude. We offer a fun, multi-cultural environment and value teamwork and accountability through a results-oriented, customer-centric focus. We provide generous health and financial benefits, learning opportunities, competitive compensation, the potential to participate in our employee stock option plan, and a wide range of work/life benefits. Candidates who are keen experimentalists, independent thinkers and enthusiastic team players that have a passion for drug development are encouraged to apply.

For more information, visit us at: www.wolfelabs.com

Wolfe Laboratories, Inc. is an Equal Employment Opportunity employer.