

Senior Scientist, Process Development (NMR)

Job Requisition ID: 4834682

Why Patients Need You

Pfizer's purpose is to deliver breakthroughs that change patients' lives. Research and Development is at the heart of fulfilling Pfizer's purpose as we work to translate advanced science and technologies into the therapies and vaccines that matter most. Whether you are in the discovery sciences, ensuring drug safety and efficacy or supporting clinical trials, you will apply cutting edge design and process development capabilities to accelerate and bring the best in class medicines to patients around the world.

What You Will Achieve

As a Senior Scientist, you will be at the center of our operations and you'll find that everything we do, every day, is in line with an unwavering commitment to quality. You will be part of a group in Pfizer comprises experts in the major scientific disciplines involved in the discovery and preclinical development of vaccines.

Specially you will help in development and characterization of glycoconjugate processes for manufacturing carbohydrate-based vaccines. Primary duties include characterization of the polysaccharide and glycoconjugates using NMR spectroscopy and other spectroscopic tools thus aiding in the process development and analysis of drug substance intermediate and drug substance (glycoconjugates). Experience in the NMR spectroscopy is highly desired, especially the characterization of carbohydrates and proteins. The individual will become a key contributor towards the early development and scale up of glycoconjugate vaccines. Careful documentation of work and presentation of data is required.

You will be recognized as a technical expert and a scientific contributor. With your deep knowledge of the discipline, you will be an active team member whose decisions impact the project. You will be using your scientific judgment to adapt standard methods and techniques by applying prior work experience. Your creativity in developing novel processes and new ideas will be used frequently. You will undertake mentoring activities to guide team members.

It is your innovative scientific temperament that will help in making Pfizer ready to achieve new milestones and help patients across the globe.

How You Will Achieve It

- Design, plan and implement characterization methods using NMR Spectroscopy.
- Independently setup and analyze NMR based experiments to characterize polysaccharides and glycoconjugates.

- Presents periodic status update, discuss problems and proposed solutions in discussion with group members. Offers insights based on experience to group members to help solve problems.
- Collaborate with colleagues within Vaccine Research and Development organization including Bioprocess Fermentation, Purification, Analytical, and Formulation Development groups.
- Keep abreast of scientific/ technological development by participating in scientific meetings/ seminars and through regular scientific review. Utilize new technologies and establish those technologies to improve conjugation process development
- Continuously evaluate each process and technique to determine if it is robust. If a process has shortcomings or can be improved, uses expertise and imagination to suggest improvements.
- Participate the technology transfer of developed process to the clinical manufacturing site, both internally and externally, and provide the technical support as needed.
- Fully document laboratory experiments in electronic notebook in a timely and compliant manner and prepare technical reports as needed.
- Publish and present research internally and externally to Pfizer.
- Author and review technical documents, reports, production records, technology transfer reports.
- Follow all Pfizer safety, training and laboratory research guidelines to work in compliance with all regulations and standard procedures.

Qualifications

Must-Have

- PhD degree in Chemistry/Carbohydrate Chemistry or Biochemistry or MS degree in Chemistry with minimum of 7 years relevant NMR experience.
- Minimum 3 years of NMR spectroscopy experience for the characterization of carbohydrates or proteins and/or small molecules.
- Experience independently designing, planning, and executing NMR based experiments for the upstream and downstream process development of glycoconjugates and proteins.
- Experience operating (setting up experiments and processing data) and maintaining NMR 600 MHz Bruker instrument.
- Hands on experience using other analytical instruments to resolve technical problems and execution of analytical / biophysical characterization methods.
- Experience independently analyzing and providing conclusions regarding experimental data generated.
- Proficiency with personal computers including word processing, spreadsheets, PowerPoint, and relevant scientific software is desirable.
- Strong verbal and written communication skills are required.
- Experience with documentation of laboratory notebook in an electronic format.

Nice-to-Have

- Working knowledge of conjugation, purification processes

OTHER JOB DETAILS

Eligible for Relocation Package

Eligible for Employee Referral Bonus

This job is a US/PR Exempt Grade: 009

US/PR colleagues who are issued an Incident Final Warning (IFW) disciplinary action are not eligible to post and compete for a position for a period of 12-months from the date an IFW is issued.

US/PR colleagues who are on an active Performance Improvement Plan (PIP) are not eligible to post and compete for a position for the duration of the Performance Improvement Plan (PIP).

Sunshine Act

Pfizer reports payments and other transfers of value to health care providers as required by federal and state transparency laws and implementing regulations. These laws and regulations require Pfizer to provide government agencies with information such as a health care provider's name, address and the type of payments or other value received, generally for public disclosure. Subject to further legal review and statutory or regulatory clarification, which Pfizer intends to pursue, reimbursement of recruiting expenses for licensed physicians may constitute a reportable transfer of value under the federal transparency law commonly known as the Sunshine Act. Therefore, if you are a licensed physician who incurs recruiting expenses as a result of interviewing with Pfizer that we pay or reimburse, your name, address and the amount of payments made currently will be reported to the government. If you have questions regarding this matter, please do not hesitate to contact your Talent Acquisition representative.

EEO & Employment Eligibility

Pfizer is committed to equal opportunity in the terms and conditions of employment for all employees and job applicants without regard to race, color, religion, sex, sexual orientation, age, gender identity or gender expression, national origin, disability or veteran status. Pfizer also complies with all applicable national, state and local laws governing nondiscrimination in employment as well as work authorization and employment eligibility verification requirements of the Immigration and Nationality Act and IRCA. Pfizer is an E-Verify employer.

Grade: 009 (US)

United States - New York - Pearl River

Richard Lustig

Recruiter



Kaushik Dutta

Hiring Manager