

Catalent Pharma Solutions is a U.S.-based company, considered the world's leading provider of advanced delivery technologies and solution development for drugs, biologics, consumer and animal health products. Catalent's oral, pulmonary, injection and other drug delivery technologies span the entire spectrum of the pharmaceutical industry, including small molecules, biologics, consumer and animal health products.

Catalent Biologics is a fast-growing business within Catalent Pharma solutions focused on providing innovative technologies and solutions to help more and better biologic treatment to patient.

Catalent Biologics is making significant investments in people and processes to match the investment in capital. The Product Development (PD) network supports development of biologic (mAbs, recombinant proteins...) and novel protein modalities, mRNA, exosomes, enzymes, viral proteins, from initial early phase through late stage projects to PPQ and launch.

We are building and leveraging best-in-class project management, process, formulation and bioanalytical platforms to drive solutions. A growing portfolio of programs drives the need to identify strategic initiatives to evolve and grow the Biologics business in alignment with Catalent's company strategy. People joining our team will have the opportunity for career development as our business continues to grow and expand.

The Limoges site with a proven expertise in aseptic filling is currently developing a Center of Excellence in Biotechnology for European market focused on clinical activities (until phase 3). The site will propose, in addition to Fill & Finish activities, Biologic Drug Product formulation and process development, as well as state-of-the-art analytical package development to characterize and control Biologics.

It is in this context that we are currently looking for a reinforcement in the form of a permanent contract:

Analytical Scientist, Biologics – Mass Spectrometry Specialist

Position overview

The Drug Product Development Team is responsible for all non-GMP formulation and analytical activities regarding active ingredient characterization, formulation works and drug product process development of therapeutic biologics at the Limoges site as well as providing technical support to the GMP functions.

We seek a highly motivated analytical chemist/biochemist expected to have a comprehensive understanding of protein analytics with significant experience in protein chemistry and mass spectrometry of biological molecules.

This individual will develop analytical methods to support drug product formulations, characterization and testing of drug substances and drug products. Competitive applicants will be able to demonstrate an in-depth knowledge of mass spectrometry theory and technology, creative problem solving, an ability to collaborate in a cross-functional team, and clearly communicate scientific results.

This is a full-time bench scientist position in Limoges, Fr.

The role

- Perform method development activities, validation or transfer activities
- Design and execute experiments, analyze data, and understand the reliability of results.
- Present results and planned experiments clearly and concisely both verbally and in written documents.
- Author technical documents, such as protocols, test methods, reports, certificates of analysis, and operating procedures
- Review technical documents for accuracy and thoroughness.
- Maintain a strong awareness of scientific and technical literature relevant to expertise
- Train, coach or mentor other associate scientists and/or analysts of the team.
- Collaborate on technical transfer and scale-up support with Manufacturing Science & Technology and Operations when needed.
- Participate in client meetings offering technical support when required.
- Suggest for his domain of expertise new innovative solutions to routine and complex problems

The candidate

Experience

- Hands on experience daily operating and maintaining mass spectrometers, with a significant experience on Orbitrap system.
- Proficient use of acquisition and analysis mass spectrometry software and mainly XCalibur and Chromeleon (Thermo). Experiences with others software will be appreciated (Analyst, Unifi, Empower, Biopharma Finder, Progenesis, etc.).
- Proven expertise on LC-MS methods development:
 - to determine the identity, purity, and measure the concentration of the Biopharmaceutical API and impurities in formulated drugs,
 - to characterize therapeutic proteins (Glycosylation and other post-translational modifications, peptide mapping, disulfide bonds, sequence).
- Previous experience on Mass Spectrometry of synthetic peptide and nucleic acids (e.g., siRNA, mRNA). will be appreciated
- Knowledge of other technics used for protein analytics: HPLC/UHPLC (SEC, RP, HIC, IEX) with variety of detection modes (UV, PDA, FLR, etc.) and Capillary (cIEF, iCE, CGE) will be also appreciated

Education

- Ph.D. in analytical chemistry, biochemistry, chemical biology, or closely related discipline with specific experience working on protein mass spectrometry
- MS in Biochemistry, Analytical Chemistry or other relevant discipline with at least +4 years of experience working on protein mass spectrometry.
- Established track record of significant contributions as an individual technical expert as well as the ability to thrive in a multi-disciplinary team environment.

Personal Qualities

- Outstanding written and oral communication skills as well as polished presentation skills.
- Flexibility and outstanding time management skills.

- Ability to see and hear, read and write clear English.
- Customer oriented
- Ability to cooperate with co-workers within an organized team environment
- Ability to manage time effectively to complete assignments in expected time frame and independently seek out additional work when tasks are completed ahead of time.
- Ability to communicate effectively and follow/retain/provide detailed written and verbal instruction in an accurate, timely, safe, and professional manner with supervisor, group members, and other departments as necessary, in a professional and accurate manner.

Catalent's standard leadership competencies that are used to interview and for Performance & Development:

- Leads with Integrity and Respect
- Delivers Results
- Demonstrates Business Acumen
- Fosters Collaboration and Teamwork
- Champions Change
- Engages and Inspires
- Coaches and Develops

