



JOB DESCRIPTION

Job Identification

State basic administrative information about the job.

Department: Integrative Molecular
Pharmacology – Molecular Biotechnologies

Manager's Position: Head of Protein
Production & Characterization

Job Title: Protein Production & Characterization
Research assistant

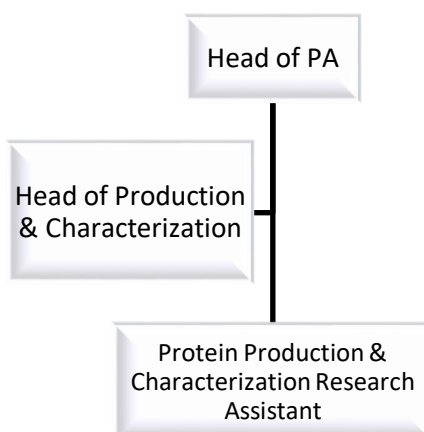
Manager's Name: Magali ANDRE

Main mission

State concisely (1 or 2 sentences max) the overall objective of this job and basic reason for its existence in its present form.

- Conduct protein characterization in the framework of R&D projects to contribute to the development of high therapeutic value medicines for patients, in compliance with safety rules and current quality standards,
- Develop, optimize and apply protein (e.g., mAbs, ADCs) characterization methods, mainly LC-MS based, and others (e.g., SDS-PAGE, cIEF, HIC, IEX, nDSF, SEC-UV-RI-MALS), to ensure the delivery of comprehensive, reliable and decisive protein information in a timely manner,
- Communicate methods and results internally (meetings, reports) and externally (reports, publications).
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Organization Chart



Principal Accountabilities

Identify 4 - 8 expected principal results of this job with performance factors and list them in order of importance.

Importance	Accountabilities
1	Develop, optimize and perform protein (ADCs, mAbs, target proteins) characterization based on LC-MS(/MS) methods,
2	Contribute to protein characterization and forced degradation studies using other methods such as cIEF, CD, HIC and IEX,
3	Interact proactively with colleagues involved in the production and characterization of proteins to ensure comprehensive and fast delivery of accurate protein information (reports, CoAs), and communicate results in writing and orally,
4	Ensure the scientific quality of studies and study reports and the application of regulations and internal standards, and ensure data traceability through ELN use,
5	Ensure optimal operation of laboratory instruments and software in relation with manufacturers and Research Support staff,
6	Be proactive, involved in teamwork and able to adapt to changing priorities,
7	Comply with safety regulations.

Qualifications and Experiences Required

Specify the educational background, qualifications, experience and competency which would typically be required to perform this job fully and effectively.

Academic background	Bac+2 to Bac+5 in Biochemistry or Biotechnology or Analytical chemistry applied to biomolecules.
Expertise / Competencies	Knowledge of physico-chemical characterization of proteins by mass spectrometry is a prerequisite. Knowledge of MS software for data analysis and comfortable with informatic tools (<i>e.g.</i> , Protein Metrics).
Soft Skills	Good collaboration and communication skills and ability to work effectively among a multidisciplinary Biotech team. Talent to look into new technologies to keep yourself up to date with new methods, in particular in the quickly evolving field of protein characterization.
Experience	At least 1 year of experience in a similar position.