



Laboratory Technician - Assay development and Protein Purification Job opening for at Nuage Therapeutics

Do you want to be part of talented, highly motivated, and diverse team seeking to push boundaries of science and make impact on improving patient's lives?

[Nuage Therapeutics](#) is a biotech company, a spin-off of the Institute for Research in Biomedicine (IRB) Barcelona and ICREA. Nuage Tx develops potent and selective drugs targeting disease-related proteins with disordered regions previously considered undruggable, exploiting cutting-edge knowledge in biomolecular condensation. Nuage Tx's expertise is derived from the research conducted by its scientific co-founders: Xavier Salvatella (Principal Investigator, Laboratory of Molecular Biophysics at IRB Barcelona), Denes Hnisz (Principal Investigator, Precision Gene Control group at the Max Planck Institute for Molecular Genetics in Berlin) and Mateusz Biesaga (Head of Technology at Nuage Therapeutics). Judit Anido is a co-founder and CEO at Nuage Tx (formerly co-founder and CEO at Mosaic Biomedicals and VP of Operations at Northern Biologics). Nuage Therapeutics is supported by leading venture capital firms investing in the sector of life sciences, including Sofinnova Partners and Asabys Partners. The company is based in Barcelona, Spain, in the Barcelona Science Park (Parc Científic de Barcelona, PCB), where its R&D lab and offices are located.

As part of Nuage Tx's growth plan we are seeking a motivated **Laboratory Technician** with experience in assay development and protein production. Strong communication skills to work in an interdisciplinary team, excellent experimental skills and good command of spoken and written English are required. The **Laboratory Technician** will be a member of the Nuage Tx's R&D team and report to the Project Manager.

Key duties

- Conduct assay development experiments using *in vitro* purified recombinant proteins and analyze data in a precise manner.
- Execute high-throughput screening campaigns with precision and analyze data systematically and consistently.
- Assist the screening team in establishing automated workflows.
- Prepare protein targets for screening or other biochemical/biophysical experiments and perform QC using biochemical techniques (SDS-PAGE, UV-Abs, Size-exclusion Chromatography and Western Blot).
- Express and purify recombinant proteins using specialised FPLC equipment and following established protocols. When working with new constructs, develop protocols for the expression and purification leading to high yield and purity, following the guidance of the supervisor.
- Provide support to the rest of the R&D team as requested by the supervisor.
- Prepare buffers and common reagents in the laboratory. Contribute to the rotational lab cleaning duties.

- Keep data organized and report the results timely in the electronic lab notebook and to the supervisor as requested.

Requirements and selection criteria

- Bachelor's degree in biomedical sciences, Higher National Diploma (FP2) or equivalent level of education
- 2+ years of experience in a biomedical laboratory working with assay development or protein expression and purification is required. Candidates with work experience in the private sector will be prioritized.
 - Prior experience in development of recombinant protein-based multiwell plate assays is required
 - Prior experience performing high throughput screening campaigns and working with robotized pipetting equipment will be strongly valued.
 - Prior experience with biochemistry techniques, including SDS-PAGE, WB, protein quantification and UV-spectrophotometry is required.
 - Prior experience with FPLC systems (AKTA or similar) will be strongly valued.
 - Prior experience with compound handling and management will be positively valued.
- Ability to perform experiments independently with efficient time management is required.
- Ability to perform established procedures in a precise and systematic manner to deliver high quality results as well as flexibility to adapt improvements in the procedures in a proactive manner.
- Excellent attention to details with accurate reporting of experimental observations and timely communication of problems for efficient troubleshooting.
- Strong interpersonal and communication skills and ability to work in a dynamic and diverse team.
- Good command of spoken and written English is required. Command of Spanish and/or Catalan is not required but will be positively valued.

What we offer

- Being part of an organization working on the cutting-edge science of intrinsically disordered proteins and biomolecular condensate fields to discover and develop drugs that will help improve patients' lives.
- Working with highly skilled, energetic, and multidisciplinary team that is passionate to push the boundaries of science and drug development.
- Sophisticated laboratory equipment to support the lab work and collaborating with top external service providers.
- Working in an exciting international biotech start-up environment set in the rapidly growing life science sector of Barcelona.
- Fast-paced work setting with vast opportunities for professional growth.
- Competitive salary package commensurate with the qualifications and experience of the candidate.
- Full-time permanent contract.

Starting date: ASAP

Deadline for applications: July 20th, 2024. Deadline may be extended in case the right candidate is not identified within this timeline.

Applicants should send a motivation letter, full CV including contact details and 2-3 contacts for references in English to recruitment@nuagetx.com including the reference number **NT/23/07** in the email title subject.