

Celyad Oncology is looking for a **Senior Scientist Process Development**. The successful candidate will be based in Belgium and will report into the R&D Process Development Manager in Mont-Saint-Guibert.

Role

The role combines 2 areas of responsibility:

1. The R&D Senior Scientist will participate in the design, supervision, planning and execution of specific scientific efforts geared towards the generation and optimization of new allogeneic CAR-T cell manufacturing processes that would consistently generate high number of cells with the best fitness to attack tumors cells and support the passage of therapies into clinical trials.
2. Secondly, he/she will provide an interface that enables the smooth and positive interaction between R&D and the rest of the company including participation in company-wide programs and project team management, ensuring the efficient co-operation and connection to all teams to achieve the common goal of clinical trial delivery.

Responsibilities

- Lead and deliver research studies focused upon generating innovative manufacturing processes that increase allogeneic CAR-T cell fitness and yield.
- Manage the testing of new approaches and generate high quality analytical readouts to push further CAR-T cell characterization, and consequently further develop the company's CAR-T cell therapies portfolio.
- Provide scientific background and feedback on results to the technician(s) assigned to his/her studies
- Generate scientific proposals to resolve key technical hurdles associated with his/her studies.
- Ensure accurate internal data reporting including scientific reports drafting and reviewing.
- Ensure the delivery of work within R&D in line with the department objectives and the efficient cooperation and connection to other departments' activities, such as Regulatory, Manufacturing and Clinical/Medical teams, to achieve the common goal of clinical trial delivery.
- Initiate and generate ideas based on scientific readings and research, and therefore contribute to research plans and efforts.
- Stay tuned on new scientific literature and maintain knowledge concerning relevant new research and new technologies within Celyad's scientific field.
- Represent R&D internally (e.g. strategy meetings, research meetings, project meetings and development activities).
- Contribute to and lead upon scientific presentations (peer-reviewed publications, white papers, conference presentation) and collaboration with external stakeholders.
- Collaborate closely with R&D management to generate and implement budgets.
- Ensure that all research studies are compliant with internal guidelines and safety protocols.
- Develop high quality studies to support regulatory filing that underpins the clinical activity of the company.
- Provide scientific guidance and ensure appropriate training of new scientific staff members (and students) by sharing technical expertise.

Qualifications & Experience

- PhD in biological sciences with emphasis on immunology or induced pluripotent stem cells
- Minimum 4 relevant experience in research within a Biotech/Pharma company including process development and/or cell therapy development.
- Expertise in metabolism, cell culture, CAR-T cells, gene transfer (e.g. retrovirus, lentivirus, transposons,...) and/or exploitation of next generation sequencing (e.g. RNA sequencing) is preferred.
- Expertise in primary cell culture and immunological assays (e.g. cytokine release assay, flow cytometry, cytotoxicity and proliferation assays) is an advantage
- Strong scientific and technical background evidenced by high quality peer-reviewed publication record.
- Demonstrable experience with scientific presentations.
- Experience in scientific project management would be an advantage.
- Fluency in English, orally and in writing; working knowledge of French would be an advantage.

Skills & Competencies

- Self-motivated and enthusiastic personality
- Passionate, creative, autonomous and science driven personality
- Strong ability to work in team focused on delivery of results that support the Company's objectives
- Action oriented, delivers results and commit to achieve challenging goals
- Problem solving & proactive
- Excellent planning & organizational skills
- Flexibility & can-do attitude
- Quality mindset
- Integrity & Trust

For more information about this position or about the Company, please contact us by email at job@celyad.com

About Celyad Oncology

Celyad Oncology is a clinical-stage biotechnology company focused on the discovery and development of chimeric antigen receptor T cell (CAR T) therapies for cancer. The Company is developing a pipeline of allogeneic (off-the-shelf) and autologous (personalized) CAR T cell therapy candidates for the treatment of both hematological malignancies and solid tumors. Celyad Oncology was founded in 2007 and is based in Mont-Saint-Guibert, Belgium and New York, NY. The Company has received funding from the Walloon Region (Belgium) to support the advancement of its CAR T cell therapy programs. For more information, please visit www.celyad.com.