



Job opening: Preclinical Cancer Research Scientist

GOA (Oncogenesis and Antitumor Drug Group) is a research group at the Sant Pau Research Institute (IRSP Sant Pau) led by Dr. Ramon Mangués. We are focused on the development of cancer mouse models and the study of novel nanoparticles for targeted drug delivery applied to the treatment of solid and hematologic neoplasias (www.recercasantpau.cat/ca/w/oncogenesi-i-farmacs-antitumorals).

Nanoligent is a biotech company, spin-off of the Universitat Autònoma de Barcelona (UAB) and the Sant Pau Research Institute (IRSP) in Barcelona. We are dedicated to drug design and development of targeted therapeutic biologics (www.nanoligent.com).

Together, we are developing a novel protein-based nanotechnology platform for the targeted delivery of therapeutic agents, with the aim of generating high-quality drug candidates for clinical oncology.

The position: the selected candidate will work on a collaborative project between GOA and Nanoligent. The position is based in the GOA laboratory at IR Sant Pau, working closely with both the GOA and Nanoligent teams. We are looking for a Biomedical Scientist with a PhD and research experience in preclinical cancer research, preferably focused on novel anticancer therapies.

Tasks:

- Design, establish and validate *in vitro* and *in vivo* cancer models to evaluate drug efficacy and PK/PD.
- Design and perform cellular and molecular experiments to investigate drug mechanism of action and support preclinical drug development.
- Perform *in vitro* studies including cell-based assays, drug response studies, flow cytometry and molecular and biochemical analyses.
- Analyze and interpret experimental data.
- Prepare scientific reports, manuscripts and project summaries, and communicate results in internal meetings and scientific conferences.
- Coordinate experimental activities and internal and external collaborations related to the project.
- Participate in GOA and Nanoligent scientific meetings.

Requirements:

- PhD degree in Biology, Biochemistry, Pharmacy, Biomedicine or a related field.



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- Research experience in cancer biology, pharmacology or preclinical drug development.
- Experience in cellular and molecular biology, including mammalian cell culture, cell-based assays, immunoassays and flow cytometry.
- Hands-on in vivo pharmacology experience in academic or industry environment, preferably using animal models of cancer.
- Official Certificate to use of animals for scientific purposes.
- Strong analytical and data interpretation skills.
- Highly motivated, methodical, results-oriented and well organized.
- Strong problem-solving skills and ability to work in a deadline-driven environment.
- Fluent in Spanish and English.

We offer:

- Full-time position contracted by IR Sant Pau, within the GOA group, as part of a 17-month collaborative research project between GOA and Nanoligent.
- Involvement in the drug development strategy of a fast-growing biotech start-up, with potential to continue in the company beyond the initial project.
- Salary: 32.000-34.000 € / year
- Laboratory located in the IR Sant Pau (C/ Sant Quintí 77, 08041 Barcelona) with close collaboration with the Nanoligent team.
- Starting date: 2nd November 2026.

To apply to this position please send your CV and a cover letter (including the contact details of two referees) to icasanova@santpau.cat and olga@nanoligent.com