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Biotechnologist/Scientist in Cancer Immunotherapy

Tumour Immunology Lab of Fondazione TLS works on identifying and developing new treatments against B cell tumours. Our research is focused on B-cell biology, signaling, imaging, genome editing by CRISPR/Cas9 and -OMICS.

To support the European Innovation Council consortium project ArTCell "**Bottom-up manufacturing of artificial anti-tumor T cells**" (3 years starting Feb 2024), we invite applications from highly motivated researchers passionate about protein biochemistry and interested in developing with us a new synthetic analogue of CAR T cell therapy. The project is done in collaboration with 3 EU partners (Belgium, Poland, Netherlands).

WHAT YOU WILL DO

You will work closely with other team members to engineer recombinant T cell proteins with novel functions. In particular, you do:

- Design recombinant proteins and generate stable cell lines expressing them;
- Study protein function using flow cytometry, imaging, protein biochemistry, and *in vitro* models of cell interaction;
- Lab duties (technical support in the lab and helping PI with some administrative processes).

WHO WE ARE LOOKING FOR

We are open in considering candidates with various degrees of seniority and ambition. The ideal candidate will have a Master or PhD degree in Molecular Biology, Biotechnology or a related field, with a background in cell manipulation and protein biochemistry. Candidates should have hands-on experience in one or more of the following fields including: **molecular biology, cell biology, immunology, protein engineering, recombinant protein production**. Having experience in T cell biology is an advantage but is not a pre-requisite.

The candidates should have a thorough knowledge of biotechnology and be passionate about learning new methods, also by studying autonomously the literature.

If you are excited by the opportunity to work on innovative projects in a dynamic and collaborative environment, we encourage you to apply for this position.

The selected candidate will be hired under a fixed-term contract, whose duration is aligned with that of the project. Employment conditions (including working hours and gross annual remuneration) are defined by the Chemical-Industrial Collective Labour Agreement (CCNL).

Fondazione Toscana Life Sciences believes a diverse workforce is pivotal to achieve its mission and, therefore, promotes equal opportunity to all applicants through a competitive and fair recruitment process.