

ViviaBiotech is seeking a research scientist to join a group studying tumor immunology with an emphasis on develop tools for in vitro assays.

Localization:

- Tres Cantos (Madrid)

Qualifications:

- Candidates with a minimum of a PhD in Biological Science with 2+ years experience in immunology or tumor biology.

Responsibilities:

- The qualified candidate will be a creative individual that possesses substantial experience in immunological techniques, multi-color flow cytometry and T cell culture.
- The candidate should be able to work independently, and demonstrate the ability to contribute to projects outside their own. They will keep up-to-date in the literature related to their area of expertise and act as an expert resource within the immunology and research team.

Skills Required:

- Experience working with hematological diseases and solid tumors.
- Previous research experience and basic immunological techniques (flow cytometry, ELISA, cell culture and phenotypic characterization of primary immune cells) as well as molecular biology methods (RNA and DNA isolation and analysis, PCR). Independently analyzes data, including FACS data, with interpretation of results and proposals for next steps.
- Experience in characterization of immune cells from primary human samples and analysis of these cells for immune-related endpoints (proliferation, cytokine secretion, cell activation marker analysis).
- Proficient knowledge of Immunology to be reasonably self-directed in establishing immune-profiling assays in the context of tumorigenesis.
- Experience working with primary human cells and tissues. Demonstrated excellence in molecular biology and immunological techniques and extensive hands-on experience in isolation, culture, and characterization of primary immune cells from human tissues. Ability to perform in-vitro experiments using cultured cells.
- Extensive laboratory experience with the culture, functional characterization, and molecular profiling of human T cells is required. Specific experience with the biology of Tregs and MDSC is highly desirable.

- Experience carrying out T cell functional assays, including evaluating responses to specific antigens.
- Demonstrated experience independently designing and executing in vitro experiments focused on understanding the cellular and molecular mechanisms that modulate the innate immune response against foreign or tumor-associated antigens
- Develop and implement a range of immunological and cell-based assays, including T cell activation and proliferation assays for testing Antibodies for immuno-oncology applications.
- Identify, evaluate and implement new technologies to augment in-house assay capabilities.

Type of employment contract:

- Full-time employee with a permanent contract.

Contact information

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