

Localization:

- Tres Cantos (Madrid)

Job Description:

- Vivia Biotech is seeking a research scientist to join a group studying Immuno-Oncology and 3D Models to test compounds.

Qualifications:

- Candidates with a minimum of a PhD in Biological Science with 2+ years' experience in tumor biology, immunology and 3D cell cultures.

Responsibilities:

- 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.
- The qualified candidate will be a creative individual that possesses substantial experience in immunological techniques, 3D cell culture, multi-color flow cytometry and T cell culture.
- While job position is in Madrid, the candidate shall be willing to travel to EU, USA and China occasionally as part of his work responsibilities.

Skills Required:

- Experience working with solid tumors and hematological diseases.
- Previous research experience and basic immunological techniques (3D models, cell culture of hematological/solid cell lines and phenotypic characterization of primary immune cells). 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).
 - Cytolytic activity by CD107a
 - Intracellular IFN- γ
 - Intracellular Granzyme B
 - Viability assays
- Proficient knowledge of Immunology to be reasonably self-directed in establishing immune-profiling assays in the context of tumorigenesis. Specific experience with Bi-specific Antibodies is highly desirable.
- Experience working with primary human cells and tissues. Ability to perform in-vitro experiments using cultured cells of Effector Cells (TALL-104) vs target cells (solid cell lines) .
- 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.
- The candidate must be able to have reasonably fluent conversation skill in English.

Desirable

- Flow cytometry.
- Preparation of single cells by digestion of solid tumors
- Expansion of T-Lymphocytes according to established protocols.

Type of employment contract:

- Full time employee with a contract linked to the project Development of Immuno-Oncology Models in solid tumors to Test Bi-specific Antibodies.