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Postdoctoral Associate or Research Scientist, Cancer Biology & Immunology

SUMMARY:

[NanoBiotec, LLC](#) (PicoImmune Co.) is a fast-paced dynamic company dedicated to discovery and development of transformative small and large molecule therapeutics for cancer, autoimmune and many other un-med diseases. We offer a technologically and scientifically rigorous environment and a competitive compensation. We are seeking a highly motivated and energetic scientist who will work with us by independently designing and executing experiments to gain insight into the activity of lead drugs and support efficient, data-driven clinical development.

BASIC RESPONSIBILITIES:

This scientist will have a broad **understanding of immunology and cancer biology, with unique expertise in small and large molecule drug discovery and development for therapy of various cancers and immuno-inflammatory diseases.** The incumbent is responsible for testing novel molecules, addressing questions of drug efficacy and mechanism of action, and supporting patient selection using primarily in vitro and ex vivo methods. Specific duties include, but are not limited to, the following:

- Independently design and execute experiments with high efficiency and accuracy
- Troubleshoot and optimize bioassays; analyze, interpret and present data
- Document experiments, results and findings in laboratory notebooks
- Prepare reports, draft SOPs, and present research results at various meetings

Technical Skills:

- In depth hands-on experience with mammalian and immune cell culture, establishment, expansion, and cell culture techniques including cell purification, cell activation, differentiation, and cryopreservation required.
- Development of cell-based assays for cell phenotype analysis, viability and signal transduction in various cells such as cancer and immune cells
- Proficiency in cell biology skills including western blot, ELISA, IHC, real-time cell imaging, multiplex immunoassays, reagent development and assay automation, qPCR, gene editing, etc.
- Extensive experience in cellular and immune cell-based analytics such as advanced multi-parameter flow cytometry, cell labeling, intracellular staining, and cytokine release.

- Ability to use Microsoft Office Suite (Word, Excel and PowerPoint), GraphPad Prism, and FlowJo / Kaluza is essential.

Other Capabilities and Attributes:

- Excellent organization, communication, data interpretation/analysis skills
- Detail oriented with the ability to critically interpret and summarize scientific data in an accurate and concise manner and demonstrate competency in defining and initiating next steps.
- Ability to prioritize and manage time efficiently
- Maintain positive and productive working relationships with colleagues
- Improve efficiency and productivity with each project
- Highly flexible and adaptable to changing projects and work assignments
- Track record of success as evidenced by a strong publication record, or sustained contributions in the biopharma industry.

Requirements:

PhD/M.D. in life sciences (Cellular & Molecular Immunology, Cancer Biology and Molecular Biology, etc.) with post-doctoral or relevant industry experience; or **MS**, 5+ years relevant experience in a research facility.