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Research Associate, 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.

Responsibilities:

- Culture a variety of cell types across different plate formats, culture environments and media conditions. This will include primary human immune cells, adherent cells, and cells in suspension
- Perform routine scientific experiments in cell-based systems independently and be responsible for research and development in collaboration with others on projects
- Isolate, differentiate and expand primary immune cells from human blood
- Participate in developing translational cellular and in vivo models for drug mechanism of action studies
- Effectively communicate results of experiments and analyses to supervisors and project teams
- Prepare technical reports, summaries, protocols, and quantitative analyses of experimental procedures, data, and conclusions
- Document experiments, results and findings in laboratory notebooks; presents work at group meetings; drafts SOPs and prepares research reports.
- Maintains instruments, troubleshoot problems and order/manage supplies
- Support bioassay development and execution for multiple projects
- Keep up-to-date on technology and scientific developments relevant to the projects

Skills Required:

- Hands-on experience in immunology/oncology research in academic or industry environment (preferred 2+ years of experience)
- In-depth knowledge of basic cellular, molecular biology, and immunology techniques (mammalian cell culture, transfection, ELISA, Luminex, flow cytometry, cell sorting, MACS,

bioluminescence reporter assays, fluorescence in vitro/live imaging, IHC/IF, RT-qPCR, western blot)

- Experience in GraphPad Prism, MS Office, FlowJo, ImageJ
- Critical thinking, fast-paced learning, and troubleshooting capabilities
- Excellent record keeping skills for project reporting and support of patents, and scientific publications
- Ability to support multiple projects simultaneously
- proficiency with aseptic technique and mammalian cell culture
- Well-organized, detail oriented, and effective at prioritizing
- Consistently demonstrate reliability, responsibility, and eagerness to learn
- Good oral and written communication skills
- Strong attention to detail and excellent bench skills
- Comfort with different management/working styles
- Ability to work effectively in a highly collaborative and fast pace research environment.

Qualifications:

BS or MS in cell biology, immunology, pharmacology, molecular biology, biochemistry, or genetics with 0-3 years hands-on lab experience