Normunity, Inc. – Research Associate / Senior Research Associate

Normunity is a venture-backed biotechnology company focused on immune-oncology through the use of antibodies to stimulate immune response in specific therapeutic targets. The Company is based on research by Lieping Chen, Professor of Cancer Research and Immunobiology at Yale University and member of National Academy of Sciences. Professor Chen pioneered work on PD-1/PD-L1 and was a founder of Nextcure, a public biotechnology company. The Company is operating at the new Biolabs facility located at Yale West Campus.

The company has raised $65 million and is funded by top tier venture capital firms, Canaan Partners, Sanofi Ventures, Taiho Ventures, Sequoia China and Osage University Partners.

This position is an excellent opportunity for a talented candidate to work on groundbreaking science while also getting in on the ground floor of a high growth biotechnology company.

The Position

We are looking for a highly motivated and dedicated candidates for full-time Sr. Research Associate / Research Associate positions. The level of these hires will be based on the individual's experience in the immuno-oncology fields. The candidate will have an opportunity to play an integral role in advancing our early therapeutic candidates into the clinic by employing immuno-oncology, myeloid biology, cancer biology, cell and molecular biology, and immunology techniques.

Key Responsibilities

Specific Responsibilities Include (but not limited to):

- Perform in vivo immunology-oncology mouse animal models to assess the functional activity of candidate immuno-oncology drug candidates.
- Perform *in vitro* and *ex vivo* immunology-focused assays to assess the functional activity of candidate immuno-oncology drug candidates.
- Interrogate the function of myeloid cell populations, particularly in the context of the tumor microenvironment
- Routinely used techniques include isolation of cells from primary human or mouse samples, leukocyte immunophenotyping by multi-parameter flow cytometry, designing functional immune cell-based assays evaluating various aspects of immune cell behavior (phagocytosis, ADCC, ADCP, cytokine production), as well as transcriptional or signaling changes
- Design and implement cell-based functional assays using cell lines, reporter cell lines, and primary cells
- Design and implement ELISA, FACS, biochemical and molecular biology assays.
- Transuduction/transfection to generate over expressing and knock down lines.
- Organizing and analyzing results, troubleshooting assays, communicating and presenting findings in team meetings, and contributing to scientific publications
- Troubleshooting and optimizing assays through surveying the literature, data interpretation, identification of novel or alternative procedures and techniques, and timely execution of experiments

Qualifications

- BS or Master's degree in Immunology, Cancer Biology or a related field, with a minimum of 3-5 years of relevant experience in an industrial or academic lab setting
- Experienced candidate proficient in routine rodent routes of administration (IP, IV, SC, and PO) without anesthesia.
- Experience with cancer animal model techniques including tumor volume metrics, tumor microdissection, health monitoring, tissue and blood collection. Hands-on experience with with syngeneic mouse tumor models and humanized tumor models is highly desired.
- Experience with cell culture techniques, including cell line growth and primary cell isolation from human or mouse tissue samples
- Experience with immunological techniques (e.g ELISA/MSD, flow cytometry) and with immune cell based functional assays
- Knowledge of immuno-oncology, immunotherapy and tumor biology
- Ability to design, develop, and execute research activities in a timely manner
- Strong communication skills, and proven ability to collaborate in a team setting
- Ability to multi-task in a fast-paced, dynamic environment while delivering high quality work