



Scientist/Senior Scientist for Immunology

Syros Pharmaceuticals is pioneering the understanding of the non-coding region of the genome to advance a new wave of medicines that control expression of disease-driving genes. Syros has built a proprietary platform to systematically and efficiently analyze this unexploited region of DNA in human disease tissue to identify and drug novel targets linked to genomically defined patient populations. Because gene expression is fundamental to the function of all cells, the Company's gene control platform has broad potential to achieve profound and durable benefit across a range of diseases. Syros is focused on cancer and immune-mediated diseases and is advancing a growing pipeline, including its lead drug candidates SY-1425, a selective RAR α agonist for genomically defined subsets of patients identified by its platform, for a range of cancers including acute myeloid leukemia and myelodysplastic syndrome, and SY-1365, a selective CDK7 inhibitor for a range of blood cancers and solid tumors. Led by a team with deep experience in drug discovery, development and commercialization, Syros is located in Cambridge, Massachusetts.

Syros Pharmaceuticals is seeking a dynamic Cell Biologist/ Immunologist to join a team of highly motivated scientists that are using recent fundamental insights into transcriptional regulation to discover and develop novel medicines targeting gene control in cancer and autoimmunity.

The Scientist will participate with project teams in shaping the Immunology and Immuno-Oncology research strategy. The motivated individual will be responsible for cell assay development for new target identification and validation for Syros' discovery and development teams. The successful candidate will have broad subject expertise including Immunology, Cell and Molecular Biology, and Cancer Biology. Expertise in immunological assays including multi-parameter FACS analysis of primary cells, ELISA, and cell differentiation/proliferation and tumor co-culture assays is required. In addition, the candidate should have expertise in design, execution, and interpretation of in vitro and in-vivo studies for target validation of potential drug targets in the autoimmune and immuno-oncology area. Previous work in immune-oncology biology is a plus.

Responsibilities:

- Provide scientific capabilities in the areas of immuno/oncology and autoimmunity to both preclinical discovery project and development project teams.
- Deliver critical project data internally and through a network of external study providers and collaborate with leading KOLs.
- Participate in biological selection and in vitro validation of novel drug targets
- Participate in discussions with project team biologists to define the appropriate dose & schedule for novel drug candidates in the chosen in vivo model; Practical understanding of PK/PD concepts in order to design in vivo studies for proof of concept is recommended.
- Work with project teams, external collaborators, and CROs, on existing programs and new drug target programs to design, operationalize, and interpret studies to validate potential drug targets in the area of autoimmunity and immuno-oncology
- Facilitate project transitions from Discovery to Preclinical Development in close collaboration with discovery, preclinical, and clinical/translational scientists.



- Must be flexible and able to contribute to an evolving portfolio of projects spanning early discovery through preclinical stage.
- Clear communication and presentation skills are a requirement

Requirements:

Ph.D. in Immunology or Cell/Molecular Biology or equivalent area with at least 3 years of postdoctoral training with a proven track record of publications in peer reviewed journals. Prior pharmaceutical industry experience is a plus.