Director, Translational Medicine

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 RARα 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 has a unique gene control discovery platform, mapping gene regulatory circuits and modulating factors that regulate gene expression, which is already producing multiple clinical candidates. Since drug candidate targets discovered by the Syros platform technology are immediately associated with a patient selection hypothesis, Syros Pharmaceuticals is seeking an experienced researcher in Translational Medicine to join a highly motivated clinical development team. The successful candidate will apply recent fundamental insights into transcriptional regulation to develop and validate new oncology targets, and will create a strategic and tactical translational plan to support clinical development of novel drugs. The Director, Translational Medicine will report to the Head of Translational Medicine and work closely with cross-functional project teams at Syros to develop patient selection and biomarker strategies in alignment with clinical development objectives. This will require demonstrated skill operating at the intersection between discovery research, clinical pharmacology and clinical development, applying both scientific, medical and drug development expertise to translate and implement research findings into clinical assays that are both clinically applicable, and which satisfy regulatory requirements.

We are seeking a candidate with a proven ability to develop and implement predictive biomarker strategies into clinical trials in collaboration with academic leaders, business partners, and CROs. Level will be commensurate with the applicant's experience.

Responsibilities
Ensures timely execution of patient selection, stratification, pharmacodynamic and correlative studies for clinical trials by working with internal stakeholders (Project Team) and external partners (clinical research organizations and Academic Labs) for assigned program.
Contributes input to the clinical team for assay development, molecular epidemiology, and other research-related activities with other internal stakeholders.
Facilitate companion diagnostic development as needed, identify and validate external laboratories involved in CTAs for clinical trials and companion diagnostic development.
Authors the biomarker portions of key clinical documents including Clinical Development Plan, Clinical Study Protocols, Investigator Brochures, and Clinical Study Reports.
Supports regulatory submissions by acting as subject matter expert within the team. Contributes scientific and technical sections of key regulatory documents including INDs, FDA briefing books, and submission documents.
Coordinates data requirements with reference labs to support submission.

Partners with internal stakeholders to ensure all aspects of data collection are executed with high quality, including correlative science analysis plan, data formatting and transfer specifications, eCRF page design, and monitoring plans for correlative study samples.
Actively educates other team members through knowledge sharing. Contributes to the development and implementation of processes supporting patient pre-selection and stratification, pharmacodynamic monitoring and correlative studies.
Act as core member of the clinical team.

Requirements:
M.D./Ph.D., Ph.D. or equivalent degree (strong preference towards training and specialty focus in cancer biology and hematology/oncology) with minimum 7 years experience in correlative science in Oncology, including biomarkers, of which a minimum of 3 years must be in Pharmaceutical industry.
Experience in developing predictive and PD biomarkers into clinical trials.
Experience in designing and implementing pre-clinical work (in vitro and in vivo) needed to support clinical development.
Excellent communication and interpersonal skills demonstrated in a team environment.
Ability to prioritize and manage time efficiently.
The ability to interact with staff (at all levels) in a fast-paced environment, sometimes under pressure, remaining flexible, proactive, resourceful and efficient, with a high level of professionalism and confidentiality.
Fluent English (Oral and Written) skills required.
Experience with multiple CLT and CDx platforms (Nanostring, RTqPCR, ISH, IHC) applied to predictive biomarkers.
Publications in top-tier journals.