DiscoverX Shares the Tools Needed to Create Cellular Compound-Target Engagement Assay in New Webinar

LabRoots will host the webinar May 18, which will provide attendees with an overview of compound-target engagement, along with the applications of InCELL Pulse assays.

Yorba Linda, Ca (PRWEB) April 24, 2017 -- It is well established that ligand binding can protect proteins from thermal denaturation in a cellular milieu; however, the broad application of this cellular target engagement concept to drug discovery has been hindered by a lack of simple platforms with sensitive quantitative readouts. Cell-based thermal stabilization assays are valuable methods for particular applications, but they can require target-specific antibodies for immuno-assay readouts, can be low-throughput for Western blot formats, and can be biased against multi-domain proteins.

In this webinar, participants will get an overview of compound-target engagement, and overview of the applications of InCELL Pulse™, which uses DiscoverX's Enzyme Fragment Complementation (EFC) technology to overcome these limitations of current thermal stabilization assays. This unique platform enables users to rapidly measure quantitative cellular target engagement potency values for inhibitors of diverse protein classes, including kinases, methyltransferases, and hydrolases.

Also covered in this webinar will be the tools and workflow necessary to design InCELL Pulse assays, as well as validation data. Dr. Dana Haley-Vicente, senior product manager with the DiscoverX Corporation, has been selected to be the speaker for this event.

Haley-Vicente earned a doctorate in pharmacology from the University of California, Los Angeles and has more than 16 years of experience working in the life science drug discovery industry. Currently she is a senior product manager at DiscoverX, where she manages cell-based assays, kits, and consumable products for drug discovery target discovery, screening, lead optimization, and SAR campaigns.

LabRoots will host the webinar May 18, 2017, beginning at 8:00 a.m. PDT, 11:00 a.m. EDT. To read more on this event, to learn about the continuing education credits available, or to register for free, click here.

About DiscoverX
DiscoverX Corporation, headquartered in Fremont, CA, USA, is a leader in the design, manufacture and sale of biochemical and cell-based assays for the drug discovery & life science markets. This industry-leading portfolio of products and services, under the KINOMEScan®, PathHunter® and BioMAP® brands, are used to aid life science research and enable rapid development of safe and effective biologic and small molecule drugs, by improving research productivity, effectiveness of screening, lead optimization & bioanalytical campaigns, as well as providing predictive tools that deliver physiologically relevant insights on drug molecules from early discovery through pre-clinical development. DiscoverX embodies an innovative approach to creating life science tools that have been widely adopted across the globe in pharmaceutical, biotechnology and academic laboratories.

About LabRoots
LabRootsis the leading scientific social networking website, which provides daily scientific trending news, as well as produces educational virtual events and webinars, on the latest discoveries and advancements in science. Contributing to the advancement of science through content sharing capabilities, LabRoots is a
powerful advocate in amplifying global networks and communities. Founded in 2008, LabRoots emphasizes digital innovation in scientific collaboration and learning, and is a primary source for current scientific news, webinars, virtual conferences, and more. LabRoots has grown into the world’s largest series of virtual events within the Life Sciences and Clinical Diagnostics community.
Contact Information
Karen Sorenson
LabRoots, Inc.
http://www.LabRoots.com
+1 (619) 861-0590

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