Thermo Fisher Introduces the Next Generation of immunoassays

In this webinar, hosted by LabRoots June 6, participants will discover key benefits for researchers with this new platform and the importance of validation for publishing purposes.

Yorba Linda, Ca (PRWEB) May 02, 2017 -- Thermo Fisher Scientific, the worldwide leader in life science tools for researchers, is unveiling an affordable new platform for the next generation of high-sensitivity, ready-to-use immunoassays in a new webinar. Featuring serum compatible, TaqMan™ based Proximity Ligation Assay (PLA) and Siteclick™ antibody labeling technologies, this new assay combines the analyte specificity of high affinity antibody-antigen binding with the signal detection and amplification of real-time PCR.

Early detection of protein biomarkers is critical to the study of human disease, such as cancer, neurobiology, inflammation, autoimmunity, etc. Basic research scientists, as well as translational investigators seek sensitive protein quantitation tools that provide low-level detection of disease relevant protein analytes.

The Enzyme-Linked ImmunoSorbant Assay (ELISA) first developed in the 1970s and slightly improved upon over the years, is still considered the gold standard for specific protein quantitation, yet large sample consumption, limited sensitivity, and laborious workflows leave room for improvement and new innovation.

With this new platform from Thermo Fisher, not only do these assays allow measurement of low expressing proteins that we may not have otherwise been able to detect, but it’s also an easy method to now verify gene expression at a protein level. During this webinar, attendees will learn how to achieve greater sensitivity and dynamic range than traditional methods, as well as other key benefits.

The speaker for this presentation is Dr. David Bourdon, the senior research and development manager and immunoassay strategy lead at Thermo Fisher Scientific in the Biosciences Division.

Bourdon completed his doctorate of pharmacology at the University of Missouri-Columbia School of Medicine, followed by his post-doctorate fellowship at the University of North Carolina at Chapel Hill School of Medicine. Joining Thermo Fisher Scientific in 2009, Bourdon now serves as the senior manager and immunoassay strategy lead focusing on next-gen immunoassay platform development.

LabRoots will host the webinar June 6, 2017, commencing at 8:00 a.m. PT, 11:00 a.m. ET. To read more about this event, learn about the P.A.C.E. and Florida Continuing Education credits offered, or to register for free, click here.

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