BioSpectrum the business of Bio & Health Sciences

FREE WEBINAR MULTIPLEX FLUORESCENCE IMMUNOHISTOCHEMISTRY

23 July 2019 | Reports/white papers

Multiplex fluorescence immunohistochemistry offers a window into the biology of human disease, enabling the analysis of target protein expression in subsets of specific cells within the context of histopathological features of disease.

Leica BIOSYSTEMS

However, the multiplexing capabilities of fluorescence IHC, using standard histology equipment, are subject to several technical challenges. This webinar will provide insight and examples of how the Ultivue InSituplex platform may be used to address several of the current challenges associated with multiplex fluorescence immunohistochemistry. It will focus on initial user experiences using the InSituPlex platform using automated IHC on the Leica Biosystems BOND RX and automated imaging with the Leica Biosystems Aperio Versa.

Learning Objectives:

- Understanding technical challenges associated with tyramide-based multiplex fluorescence IHC.
- What tools are available today for multiplex?

SPEAKER BIOGRAPHIES

Traci DeGeer : Global Product and Innovation Manager-BOND RX Leica Biosystems

Traci DeGeer is the Product Innovation Manager for the BOND RX platform, at Leica Biosystems. In this capacity she helps access new technologies for the Life Science research business, manages relationships with partners, works with legal partners to put agreements in place and liaises with Business Units to meet partner/customer needs as technologies are being developed. Traci holds a Bachelor of Science, in Biology, an HT, HTL, and QIHC for the anatomic pathology lab and recently graduated the HBx core program. Traci also holds a patent in small molecule detection for PDL-1 and has spoken at over one hundred state, regional and global symposia on various topics. Traci also sits on the ASCP Board of Certification (HT, HTL and QIHC Exam) and is the current Education Chair for the National Society of Histotechnology.

Alexander Klimowicz : Principal Scientist, Boehringer Ingelheim Pharmaceuticals

Alex Klimowicz is a Principal Scientist in the Department of Immunology and Respiratory Discovery Research at Boehringer Ingelheim Pharmaceuticals, Inc. In this capacity he leads the Molecular Histopathology Group, implementing and applying cutting edge in situ techniques, whole slide imaging, and digital image analysis, to build target to disease linkage in human tissue specimens for projects and external collaborations across the Department. Alex holds a PhD in Molecular Biology, and has 10 years of experience in the fields of digital pathology and quantitative immunohistochemistry. Prior to moving to Boehringer Ingelheim, Alex was an Adjunct Research Assistant Professor in the Department of Oncology at the University of Calgary, where he led a core quantitative immunohistochemistry lab focused on cancer biomarker research.

Click here to register and know more