CYTOSENS

Mercoledi 17 Settembre
2:00 pm - 3:00 pm

University of Bologna
Lecture Hall A. Ghigi
Via San Giacomo, 9

QF-PRO® Technology Spatially resolved analysis of protein functionality

Characterization of ErbB heterodimers in HNSCC and NSCLC specimens"

"Understanding protein functionality within the spatial context of tissues is essential for uncovering disease mechanisms and identifying predictive biomarkers. QF-Pro® is a proprietary imaging-based platform that enables quantitative analysis of protein–protein interactions and activation states directly in FFPE tissue sections and cell lines. By preserving tissue architecture and cellular localization, QF-Pro® allows researchers to map functional protein complexes with precision and spatial context. In this seminar, we will showcase how QF-Pro® was applied to analyze ErbB heterodimerization in HNSCC and NSCLC specimens, providing insights into protein–protein interactions and receptor activation patterns. The ability to quantify functional protein states in situ makes QF-Pro® a powerful tool for translational research, biomarker development, and patient stratification in oncology"

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