13th EUROPEAN PATHOLOGY CONGRESS

August 02-03, 2017 Milan, Italy

Frederick Husher & Jee Shum

HS Technology LLC, USA

PRS – co-resident objective measure of IHC stain performance for process QC and diagnostic aid

The Process Record Slide (PRS) records the ImmunoHistoChemical (IHC) stain processing experience of a co-resident patient tissue section using arrays of stain reagent detection targets. Both experience all the IHC processing from tissue capture to the application of the cover slip: tissue capture, drying, depart nation, antigen retrieval, primary antibody, and secondary amplication processing. Because the PRS targets are comprised of known reactivity concentrations to the stain reagents, an objective measure is unique to that slide now exists remaining forever co-resident with the tissue section. The experience is a captured experience of the antigen recovery, stain reagents, and the processing technology. The experience is a captured experience of the processing upon the tissue section using the reference scales developed from the targets. The experience is reference scales, the tissue section image presentation can be normalized to a preferred basis upon which optimal diagnostic determination can be achieved.

Others have attempted to produce control slides but have all failed in meeting the constraints of mass production at an a ordable price. us, only with the development of a new slide coating that meets the covalent binding needs of target & tissue, target printing technology, and production automation, can the goals be satis ed. PRS technologies satis es these goals.

Biography

)UHGHULFN +XVKHU DQG -HH 6KXP KDYH SXUVHG DQG UH;QHG WKH GHYHORSPHQW RI WKH 356 IRU PRUH W FKDOOHQJHV LQFOXGLQJ FRYDOHQW DGKHVLYH VOLGH FRDWLQJV VXSSRUWLQJ ERWK WLVVXH DQG SURWHL YHQWXUH ZLWK WKH +RQJ .RQJ 3URGXFWLYLW\ &RXQFLO WR FR GHYHORS WKH SURGXFWLRQ WHFKQRORJ\ .

INKXVKHU#JPDLO FRP

At AA	