

# PATHOLOGY CORE

## Digital Slide Scanning

We provide services for both CHOP and external researchers. Our services include digital slide scanning and quantification using a Leicabiosystems Scanscope CS-O and IF slide scanners and image analysis software suite (Leicabiosystems, Vista, CA).

These system offers the following features:

- Digital scanning of full slide at 20x, 40x, or 63x (with oil Objective)
- Digital scanning of IF slides at 20x up to 4 channels (DAPI, FITC/488, TxRd/594, FarRed/647)
- Aperio Image analysis toolkit suite of analysis tools for remote analysis
- Indica Labs Halo Image viewer and IF nuclear and IF colocalization algorithms for in house analysis
- Visiopharm Oncotopix image analysis suite for in house analysis