# Digital Pathology Analysis Services

ImaLink platform, developed by ImaBiotech offers innovative custom-developed image analysis algorithms using Machine Learning for Digital Pathology Analysis Services. The comprehensive platform is dedicated to analyze and quantify spatial tissue heterogeneity and decipher the disease complexity and drug response for the best therapies.
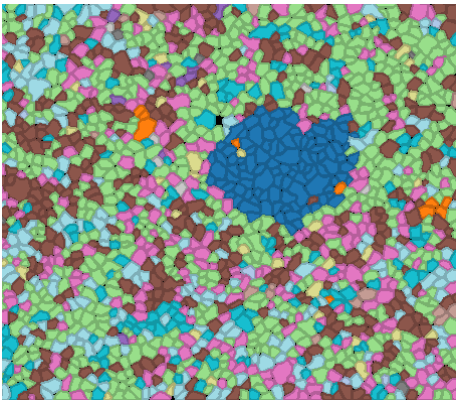
Explore and Quantify Individual Cell Phenotypes

O FOR a much deeper understanding of the complexity of tissue environment
O FROM Translation Research to Phase 1 & 2 clinical trials
o IN a GLP-like environment
o BY a Team of Expert Data Scientists
o WITH a proprietary Imaging Data Analysis Platform
O FOR a fast turnaround: from data to data analysis in as little as 10 weeks

BETTER UNDERSTAND DRUG RESPONSE

With our Digital Pathology Analysis Services, advance your disease research, reveal insights in the complex interplay between many different cell types and turn your quantitaztive data into decisions;
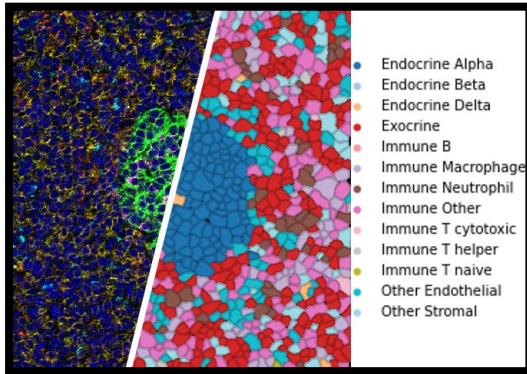
Preclinical	Clinical
o Biomarker discovery	o Patient stratification
o Characterization of tissue microenvironment	o Efficacy biomarker
o Pathway modulation	o Drug safety and toxicity
o Therapeutic response	o Targeted therapy by relating to patient's genomic and genetic profiles

DIGITAL PATHOLOGY ANALYSIS WORKFLOW
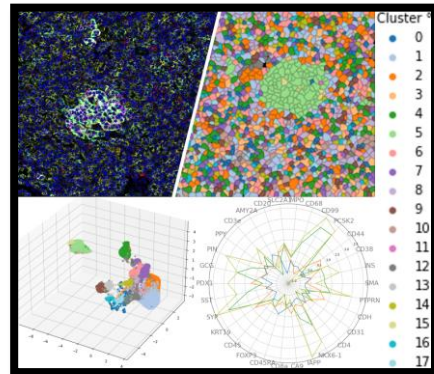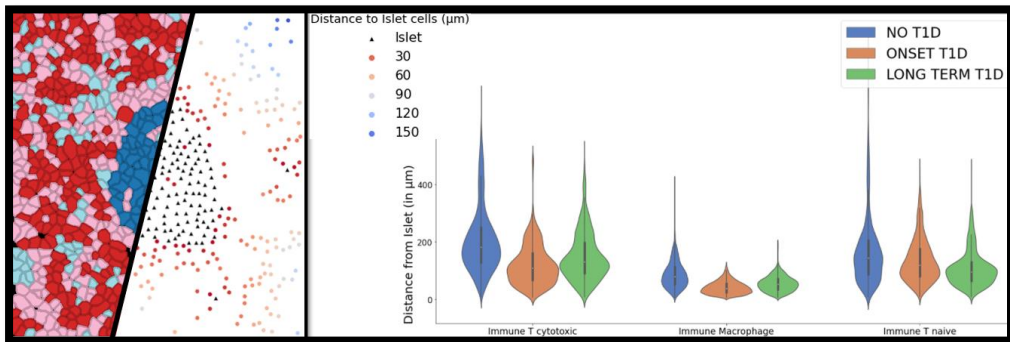
As described in the picture, with Imabiotech's proprietary software and methods, we can analyse and transform data into knowledge by:

1. Clustering cells based on similarities
2. Categorizing cells into populations based on different characteristics.
   a) Spatial analysis is performed to understand one population's coverage, density, count and dispersion.
   b) Spatial analysis is performed to understand how populations spatially interact with each other's.