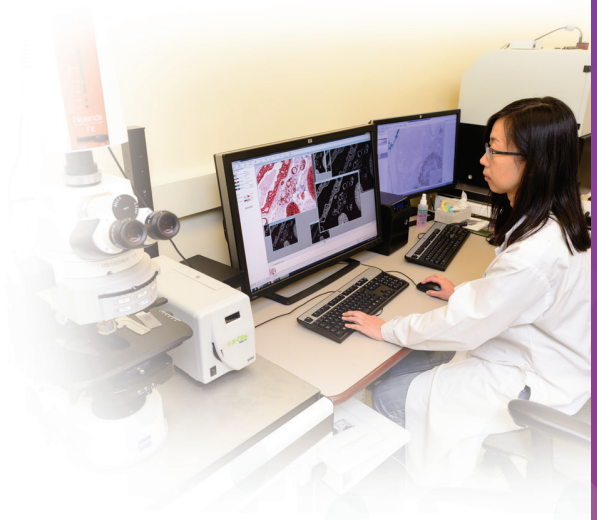
# Helping accelerate the adoption of digital pathology

CIMTEC helps create better clinical solutions by connecting pathologists and entrepreneurs. Our skilled algorithm developers can augment your resources, and our unique intellectual property is available to accelerate digital pathology projects.

CIMTEC®
Centre for Imaging Technology Commercialization

Make CIMTEC part of your team

## Working closely with pathologists

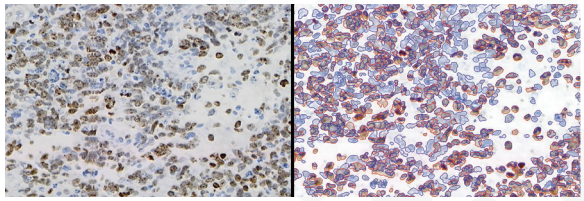


CIMTEC understands that the adoption of digital pathology will require a significant capital investment by hospitals. We are committed to developing time-saving image analysis algorithms to improve laboratory and pathologist workflow, helping increase the cost-effectiveness of switching to digital pathology.

We also understand the:

- biology represented in the images
- digital pathology regulatory environment
- need to minimize potential patient risk

To strengthen the clinical usefulness of our algorithms, we are collaborating with the Anatomical Pathology Department at Sunnybrook Health Sciences Centre in Toronto, Canada. CIMTEC is also working toward ISO 13485 certification.



Nuclear segmentation algorithms for grading IHC stains.

## Helping solution providers hone their offerings

### Licensing Algorithms

Working closely with pathologists, CIMTEC is developing proprietary algorithms that will make a measurable impact on daily workflow.

Licensing our preprocessing and cellular component algorithms will help accelerate your digital pathology projects. And, our in-house expertise can augment your technology development resources.

### Market Access

CIMTEC's expert knowledge of the digital pathology market will help technology developers understand the regulatory, reimbursement, and decision-making environments.

### Custom Development

- translation to commercial quality code (C++)
- tissue processing protocol development
- slide scanning and scoring
- tissue processing and immunohistochemistry (IHC)
- quantitative histological examinations of human and preclinical specimens
- IHC antibody optimization/multiplexing
- microscopy and digitization of tissue
- micro-CT scanning and image analysis
- 2D and 3D visualization algorithm development and validation
- clinical trials coordination and registration assistance
- project management consultation