Image-Pro® AI

for Life Science

AI-Powered Image Analysis Software for Research Microscopy

MEDIA CYBERNETICS

Life Science analytics at any scale

No matter the magnification or modality, obtain quantitative results you can trust.

Stained Tissues & Colonies
- ✓ Colonies on media
- ✓ Immunohistochemistry
- ✓ Whole slide scans

Unlabeled Cells
- ✓ Brightfield
- ✓ Phase Contrast
- ✓ DIC

Fluorescently Labeled Cells
- ✓ Widefield
- ✓ Confocal
- ✓ Multiphoton

EM Heavy Metal Stained Cells
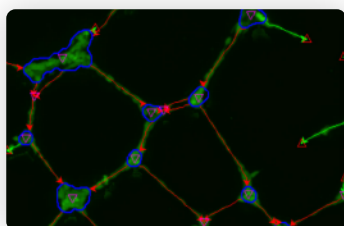- ✓ SEM & TEM
- ✓ FIB-SEM
- ✓ Serial blockface

Efficient AI-powered analysis

Designed specifically for analysts that need rapid, trusted results. Image-Pro organizes your analysis routines into a few easy steps and leverages pre-trained deep learning networks to segment and measure your data accurately at scale.
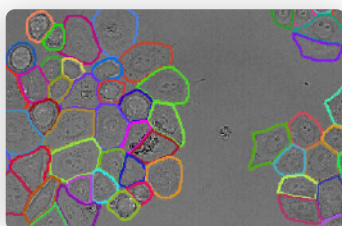

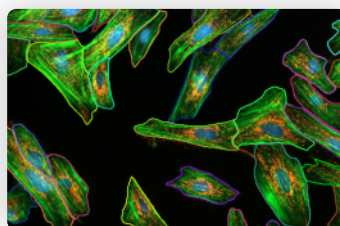
Pre-trained solutions make analysis easy

Combine Pre-trained CNN Models and workflow-specific Analysis Protocols to analyze any cellular structure.
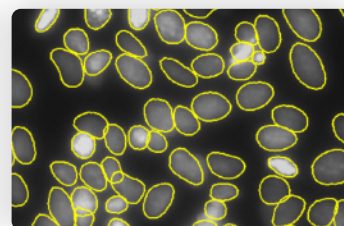

Angiogenesis (Tube Formation)
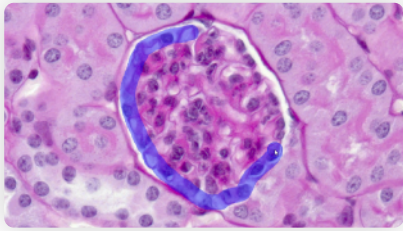
Cell Count (Label-Free)
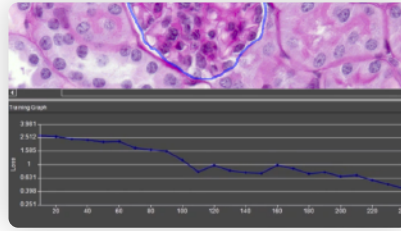
Cell Morphology

Overlapping Nuclei (Florescence)

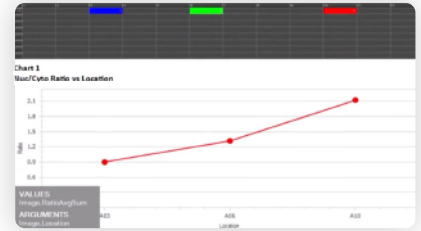# Fine-tune any Pre-Trained Model for your image

When a model misses a few objects of interest, simple "human-in-the-loop" training can be used.

Label your objects

Train a model

Report data

Superior outline accuracy

Even the most complicated edges can be traced with high quality. AI Models work similar to the human brain, finding objects undeterred by dim, complex edges.

User-friendly operation

AI Deep Learning Segmentation requires minimal input to operate efficiently. Simple controls, limited options, and fast prediction results.
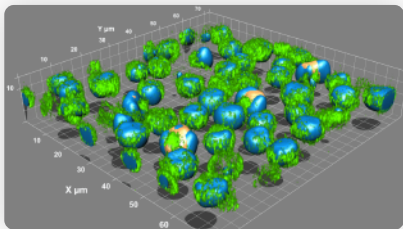
Secure & confidential

No uploading or downloading required. Save time and avoid sharing your data on unsecure company servers. All operations are on-device.
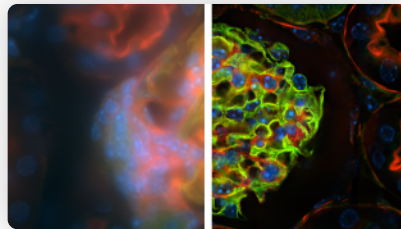
Protocol-ready

Integrate Deep Learning Segmentation accuracy into an automated workflow by saving an Analysis Protocol with a custom or pre-trained model.

Add-on functionality

3D Analysis & Visualization

AutoQuant Deconvolution

Success Plans for Peace-of-Mind

TRUSTED BY COMPANIES AROUND THE WORLD

Pfizer **JOHNS HOPKINS UNIVERSITY** **gsk GlaxoSmithKline** **MAYO CLINIC** **Bristol Myers Squibb** **Ucla**

Like what you see?

Schedule a demo with an imaging expert.

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