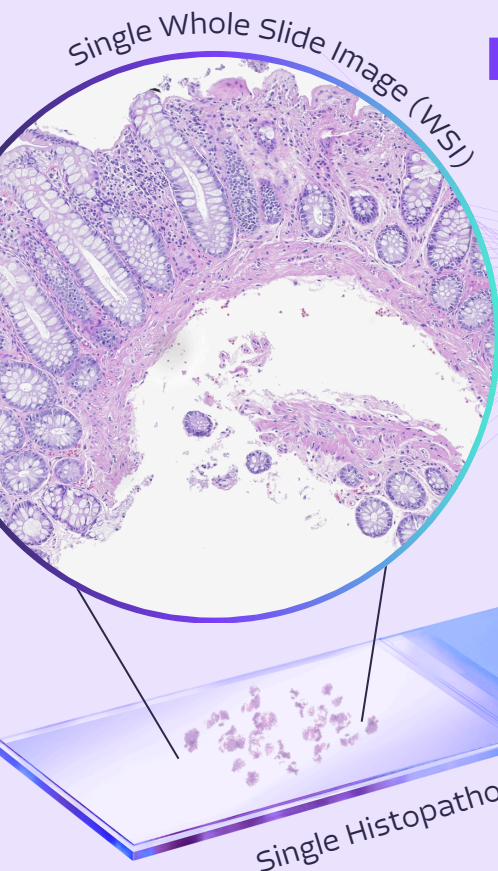


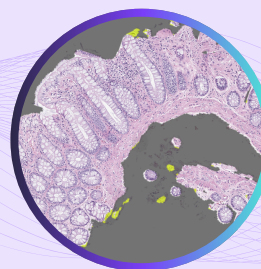
Advancing Precision Medicine with Digital Pathology and Artificial Intelligence

Transform routine pathology samples into standardized & structured pathology insights to empower Inflammatory Bowel Disease research & drug development

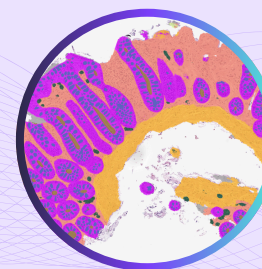


Experience AI-powered pathology

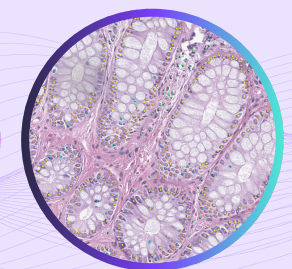
IBD Explore™: Visualize Pathology with Pixel-Level Precision



Artifact Detection



Tissue Segmentation

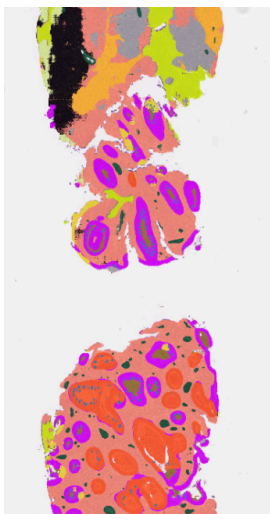


Cell Classification

Comprehensive data directly enables analysis across patients, timepoints, and hypotheses

H&E ID	Area (MM²) of Inflamed Crypts	Area Prop Goblet Cell Mucin to Epithelium	Median density goblet cells in crypts	Count Prop Plasma Cells within 20µm of Epithelium Cells in Mucosa	Density of Neutrophils in Lamina Propria	Density of I...
651715	1.585823	0.125139	852.264359	253	642.518	85
516686	1.538244	0.137435	855.083492	1035	940.359	84
652675	1.448532	0.109367	849.837499	288	594.758	84
575883	1.618437	0.133829	876.003828	379	185.996	87
638867	1.486329	0.116342	849.558732	98	243.468	84

- Normal epithelium
- Infiltrated epithelium
- Crypt lumen
- Crypt abscess
- Muscularis Mucosa
- Lamina propria
- Erosion or ulceration
- Granulation tissue
- Blood vessel
- Other tissue
- Goblet cell mucin
- Artifact



Identify

tissue regions, cell types, spatial relationships & more



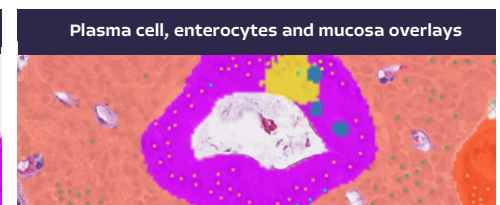
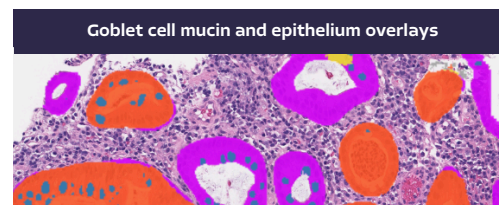
Quantify

the inflammatory microenvironment to enable insights



Discover

novel histological biomarkers to fuel drug development & differentiate

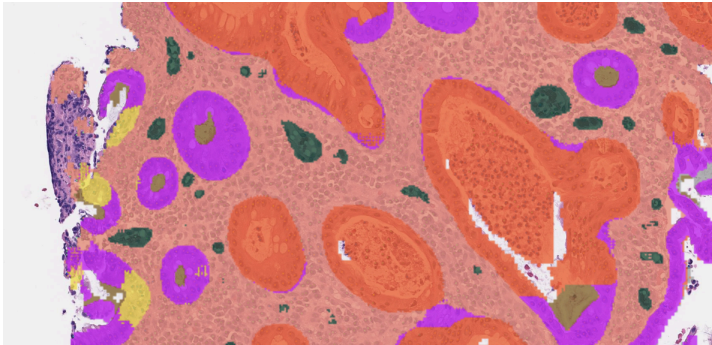


End-to-end pathology workflows customized to your trial for compliant and efficient AI deployment

IBD Explore™

AIM-HI ULCERATIVE COLITIS

End-to-end AI pathology solutions to **Discover Biomarkers** that translate to **Clinical Impact**

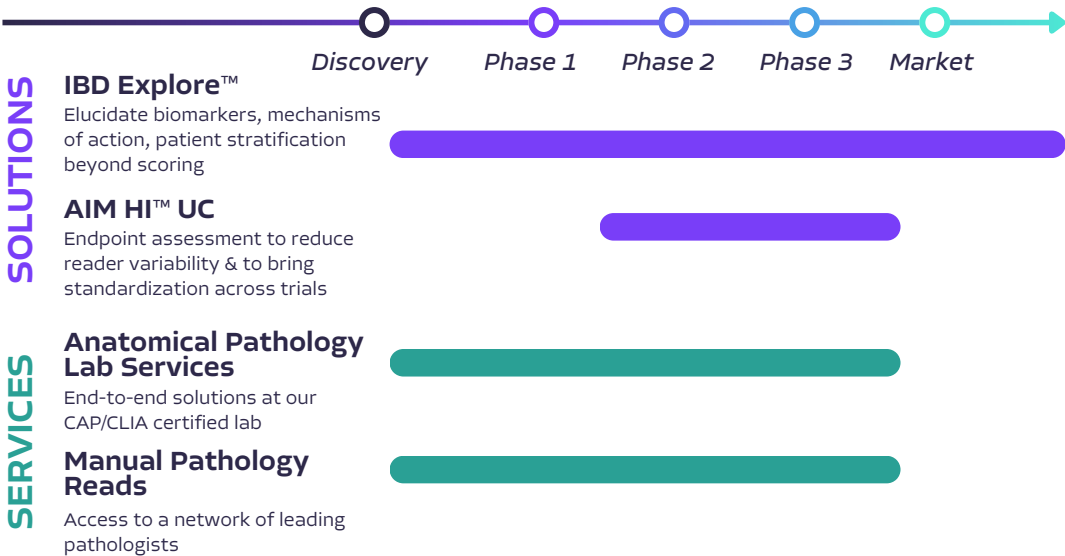


AIM-HI UC Key Results	Block ID: A1-2-IBD
• Geboes Score (Grade Level)	5
• Subgrade for Grade 0	2
• Subgrade for Grade 1	3
• Subgrade for Grade 2A	1
• Subgrade for Grade 2B	2
• Subgrade for Grade 3	2
• Subgrade for Grade 4	2
• Subgrade for Grade 5	1
• Roberts Histopathology Index	18
• Nancy Histologic Index	3

AI-powered comprehensive quantitative histopathology features to power novel insights for ulcerative colitis

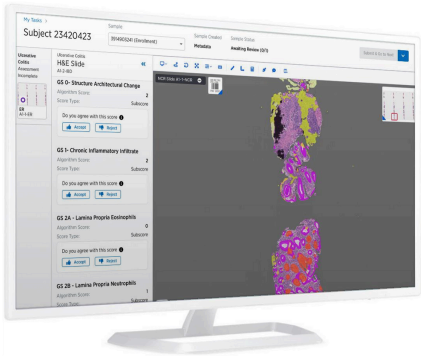
Automated, reproducible AI-based Geboes, Roberts and Nancy scoring for histologic endpoint assessment

Providing comprehensive, unparalleled support for every step of clinical development



Scalable Workflows

Algorithms can be used for QC tools and endpoint assessment



Learn more at www.pathai.com

Contact us at bd@pathai.com

Demo the platforms: info.pathai.com/pathai-demo-the-platforms

IBD Explore™ and AIM-HI UC are for research use only. Not for use in diagnostic procedures.

© 2024 PathAI, Inc. | PathAI and its logo are registered trademarks of PathAI. All rights reserved.

www.pathai.com
1325 Boylston Street Suite 10000 Boston, MA 02215