



Inflammatory Bowel Disease Publications

Advancing the understanding of IBD through Digital Pathology

Manuscripts

2023

Fully automated histological classification of cell types and tissue regions of celiac disease is feasible and correlates with the Marsh score

Griffin et al., *medRxiv*

Artificial Intelligence Enables Quantitative Assessment of Ulcerative Colitis Histology

Najdawi et al., *Modern Pathology*

Oral Presentations

2022

Artificial intelligence applications in inflammatory bowel disease: quantifying the mucosal microenvironment of ulcerative colitis

Khosla and Najdawi et al., *Pathology Visions*

Posters

2024

Machine Learning Derived Histological Features of Epithelial Injury and Repair in Ulcerative Colitis Biopsies Correlate with Disease Severity

Griffin et al., *ECCO Annual Meeting*

2023

Fully Automated Histological Classification of Cell Types and Tissue Regions of Celiac Disease Is Feasible and Correlates With the Marsh Score

Griffin et al., *Digestive Disease Week*

Machine learning-based prediction of Geboes score and histologic improvement and remission thresholds in ulcerative colitis

Gaitán et al., *Digestive Disease Week*

Quantitative and explainable AI-powered approaches to predict ulcerative colitis disease activity from hematoxylin and eosin (H&E)-stained whole slide images (WSI)

Sucipto et al., *Crohn's and Colitis Congress*

Machine learning-based prediction of Geboes score and histologic improvement and remission thresholds in ulcerative colitis

Shanis et al., *Crohn's and Colitis Congress*

2022

Machine Learning-Based Quantitative Evaluation of Histological Disease Severity in Ulcerative Colitis

Najdawi et al., *USCAP Annual Meeting*

2021

Machine learning-based analysis of ulcerative colitis histopathology: Towards quantitative assessment of disease severity and treatment response

Najdawi et al., *IBD Innovate*