



# POSTER PRESENTATIONS

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1	A Deep Learning method for Tumour Region Identification and Tumour Proportion Score Estimation of PD-L1 Expression in Non- Small Cell Lung Carcinoma
2	Enhancing Histological Tissue and Cell Characterization with Simultaneous Gene Expression and Protein Measurements
3	Single-Section Multiomics Mapped Across FFPE Tissue
4	Assessment of Digital Image Focus Quality using Heat Map Visualization
5	The Baylor College of Medicine Digital Transformation
6	A framework for building robust deep-learning models against out-of-focus artifact in whole-slide images
7	Use of UNet Model and HALO to Accelerate Deep Learning Algorithm Development in Duplex IHC Assay for ER-PR
8	Deployment of a deep learning model to assist pathologists with donor kidney biopsy evaluation
9	A Robust Deep Learning Approach for Precisely Segmenting Cells in Multiplex Tissue Images
10	Embracing digital and computational pathology during residency training: Perspectives from two former anatomic pathology residents
11	Pathology resident experience using a low-cost 3D printed microscope for portable digital pathology
12	Synthetic data in machine learning for pathology
13	AI-based pathology predicts origins for cancers of unknown primary
14	AI-based Fast and Scalable Image Search for Rare Disease Diagnosis
15	Weakly supervised and interpretable computational pathology model predicts amyotrophic lateral sclerosis in CD68 and pTDP-43 IHC-stained whole slide images
16	Benford's Law in digital pathology
17	Communicating Digital Pathology
18	Tumoral Aware Deep Learning Algorithm For Automatic KI67 Scoring
19	Intraepithelial lymphocytosis quantification by machine learning in celiac disease. A CELAC study
20	Automated nerve identification in histopathology slides enables comprehensive analysis of innervation in cancer and tumor neurobiology
21	Unveiling the spatial organization of tumor-infiltrating lymphocytes and correlation to clinical outcomes using deep learning in ER positive breast cancer
22	Virtual Centralized Pathology = More Accurate Patient Data
23	Identification and classification of morphological phenotypes in nature and in cancer.
24	Pan-Cancer Integrative Histology-Genomic Analysis via Interpretable Multimodal Deep Learning

<b>25</b>	AI System for Reducing Inter-Observer Variability in Endomyocardial Biopsy Assessment
<b>26</b>	Multimodal AI-based assessment of renal allograft biopsies
<b>27</b>	Deep Learning-based Integration of Histology and Radiology for Improved Survival Outcome Prediction in Glioma Patients
<b>28</b>	A 3D printed embedded AI-based microscope for pathology diagnosis
<b>29</b>	Semi-automatic segmentation workflow for multiplexed ion beam imaging
<b>30</b>	Towards Semantic Encoding in Digital Pathology using Weakly Supervised Learning Strategies
<b>31</b>	Evaluation of Domain Specific Encoding Strategies as Compared to Transfer Learning Approaches in Digital Pathology
<b>32</b>	Using Progressive Context Encoders for Anomaly Detection in Digital Pathology Images
<b>33</b>	Dicom_wsi: A Python Implementation for Converting Whole-Slide Images to Digital Imaging and Communications in Medicine Compliant Files.
<b>34</b>	Robotic intelligent scanning with in-line quality assessment successfully digitized 24K histopathology archival slides with minimal human intervention
<b>35</b>	AI vs. Microscope in Primary Diagnosis: Novel AI-Based Solution Increases the Efficiency and Accuracy of Prostate Biopsies Reporting
<b>36</b>	Developing an explainable AI model for diagnosis and prognosis in interstitial lung disease
<b>37</b>	Toward placental region identification and blood vessel classification using machine learning
<b>38</b>	Beyond saliency heatmaps: explaining deep-learning nucleus classification with intuitive decision tree approximations
<b>39</b>	Optimization and validation of immunohistochemical assays for the detection of TREM2 and evaluation by image analysis in FFPE human tissue
<b>40</b>	Deep multi-instance learning for predicting mismatch repair deficiency in colon biopsies
<b>41</b>	Deep multi-instance learning for classifying cancer types in endometrial biopsies
<b>42</b>	Multi-scanner multi-lab mitosis detection with deep learning
<b>43</b>	INIFY Prostate predictions on prostate biopsy: Impact of preanalytical factors and user experience
<b>44</b>	A digital method to interpret the C-MYC stain in diffuse large B cell lymphoma
<b>45</b>	Deep neural network as a decision support tool for the detection of lymph node metastases of colorectal cancer
<b>46</b>	Evaluation of 3 different scanners' performance in creating images suitable for INIFY Prostate* to accurately predict suspicious cancer areas in prostate biopsies.
<b>47</b>	Role of frozen section WSIs in management of post COVID fungal infection
<b>48</b>	Diagnostic Accuracy of Digital Pathology in the Evaluation of Lymphoproliferative Disorders
<b>49</b>	Deep learning-based quantification of vasculature in renal cancer predicts angiogenesis and survival