
# *Poster Presentations*

| Code | Title | Authors |
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| P01 | Upconversion Nanoparticles as labels for histopathological tissue evaluation | Krzysztof Krawczyk, Matthias J. Mickert, Stefan Andersson-Engels, Anders Sjögren |
| P02 | Augmented Reality Microscopy (ARM) Utility for Breast Tumor Measurements | Mustafa Yousif, Liron Pantanowitz |
| P03 | Microscope HD video streaming in University Pathology teaching through YouTube and Twitch | Luis Alfaro, Maria Jose Roca |
| P04 | Analysis of paraffin-embedded slides of esophageal carcinoma after different treatments using QuPath | Benjamin Igbo, Annett Linge, Theresa Suckert, Susanne Frosch, Liane Stolz-Kieslich, Esther G.C. Troost |
| P05 | Instant digital pathology for rapid evaluation of thyroid cytology: a pilot study and molecular test | Martina Verri, S. Scarpino, C. Taffon, A. Palermo, A.M. Naciu, D. Nicoletti, D. Galafate, E. Pilozzi, A. Crescenzi |
| P06 | Physical Color Calibration of Scanners for Deep Learning Based Diagnosis of Prostate Cancer | Xiaoyi Ji, Richard Salmon, Nita Mulliqi, Henrik Olsson, Lars Egevad, Pekka Ruusuvuori, Martin Eklund, Kimmo Kartasalo |
| P07 | A Python application programming interface for accessing Philips iSyntax whole slide images | Nita Mulliqi, Lars Egevad, Pekka Ruusuvuori, Martin Eklund, Kimmo Kartasalo |
| P08 | Automatic segmentation of tumor infiltrating lymphocytes in breast histopathology slides | Jakub Gawlik, Agnieszka Łazarczyk, Julita Ciuruś, Michał Okarski, Joanna Szpor |
| P09 | Normal and Neoplastic Salivary Gland Segmentation Using Machine Learning – A pilot study | Ibrahim Alsanie, Eu-Wing Toh, Syed Ali Khurram |
| P10 | An approach to resource saving histology dataset expansion | Artyom Borbat, Inna Yatsenko |
| P11 | Neural network analysis visualization approach for diagnostic pathology | Artyom Borbat, Peter Bondarenko, Sergey Lishchuk |
| P12 | QuPath-based approach to evaluate liver parenchyma status: preliminary data | Artyom Borbat, Alexandr Dushkin, Ilya Serdyuk |
| P13 | Primary and metastatic tumor tissue datasets to train neural network model for metastasis detection | Artyom Borbat, Elena Filatova, Maksim Iaroslavtsev, Tatiana Novikova |
| P14 | Semiautomated workflow for tissue-microarray analysis on tumors of the central nervous system | Teresa San Miguel, Ana Sierra, David Moratal, Miguel Cerdá-Nicolás, Concha López-Ginés, Javier Megías, Lara Navarro, Daniel Monleón |
| P15 | Segmentation of oesophageal cancer lymph nodes within large H&E datasets with explainable AI | Manon Beuque, Avishek Chatterjee, Henry C. Woodruff, Ruth E. Langley, William Allum, Matthew G. Nankivell, David Cunningham, Philippe Lambin, Heike I. Grabsch |
| P16 | Reducing the false negative prostate biopsies using deep-learning assessment of benign biopsies | Bojing Liu, Yinxi Wang, Philippe Weitz, Johan Lindberg, Lars Egevad, Henrik Grönberg, Martin Eklund, Mattias Rantalainen |
| P17 | Using deep learning to predict gene expression-based breast cancer proliferation score from H&E WSIs | Andreas Ekholm, Yinxi Wang, Johan Hartman, Mattias Rantalainen |

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| P18 | The effectiveness of whole slide imaging in assessing the invasive breast carcinoma cases. | Gabriela Baltatescu, M. Aşchie, M. Enciu, G.C. Cozaru, O. Cojocaru, M. Cristian, N. Dobrin, M. Deacu |
| P19 | Automated removal of pen ink on whole slide images using weakly-supervised deep neural networks | Saul Kohn, S Sankarapandian, D Ayyagari, RV Chamarthi, W Shon, Z Laszik, S Bowman, E Chan, MJ Bonham, RE Soans, JD Ianni |
| P20 | Predicting Genetic Intra-tumor Heterogeneity From Digital Histopathology Slides | Mustafa Umit Oner, Hwee Kuan Lee, Wing-Kin Sung, Jianbin Chen, Weiwei Zhai |
| P21 | Deep Learning Model for Metastasis Risk in Colon Cancer Patients based on Binary Tumor Images | Stefan Schiele, T.T. Arndt, B. Martin, S. Miller, B. Märkl, G. Müller |
| P22 | Automated Identification of Different Tissue Regions in H&E and IHC Slides Using Deep Learning | Fahime Sheikhzadeh, F. Aghaei, I. Klaman, O. Grimm, C. Ferreira, Y. Nie |
| P23 | Quantitative morphological characterization of pancreatic islets in HE-stained slides | Daniela Rodrigues, Tiago Bordeira Gaspar, Paula Sampaio, Mafalda Sousa |
| P24 | New Cytomine open-source software architecture and modules for AI in digital pathology | Raphaël Marée |
| P25 | Assessment of prostate carcinoma architecture through fractal analysis in correlation with Gleason and Srigley grading systems | Mircea-Sebastian Serbanescu, Razvan Mihail Plesea, Larisa Iovan, Anca-Maria Istrate-Ofiteru, Gabriela-Camelia Rosu, ValentinTiberiu Moldovan, Iancu Emil Plesea |
| P26 | Assessment of E-Cadherin expression in prostate carcinoma in correlation with Gleason and Srigley grading system | Emil Plesea, Razvan Mihail Plesea, Mircea-Sebastian Serbanescu, Alina Elena Stefan, Daniela Gologan, Sorin Musat, Matthew O. Leavitt, Iancu Emil Plesea |
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| P29 | A systematic review and meta-analysis of automated tools for HER2, ER and T-cell scoring in cancer biopsies | Martin Fergie, Anna-Maria Tsakiroglou, Susan Astley, Kim Linton, Anne Martel, Isabel Peset-Martin, Catharine West, Richard Byers |
| P30 | Pathologist-led definition of generalizability for clinical AI ensures patient-relevant performance and clinical usability | Patricia Raciti, Peter Hamilton, Brandon RothRock, Jillian Sue, Margaret Horton, Christopher Kanan |
| P31 | Deep learning with transfer learning on basal-cell carcinomas subtype automated classification | Mircea-Sebastian Serbanescu, Raluca-Maria Bungardea, Maria Crisan |
| P32 | Inking cellblocks improves scanner detection for primary diagnosis | Beatriz Luz Neves, João Vale, António Polónia, Catarina Eloy, Sofia Campelos, Mónica Curado |
| P33 | Automated quantification of Ki-67-positive cells on whole-slide images in pediatric high-grade glioma may have more prognostic value than WHO grade | Christophe Deroulers, Pascale Varlet, Gwénael Le Teuff, Marie-Céecile Le Deley, Felice Giangaspero, Christine Haberler, Thomas S. Jacques |
| P34 | Establishing Qualitative Image Analysis Methods for Tumour Microenvironment Research | Caner Ercan, Luigi Terracciano |
| P35 | AI-Power to the pathologist - IHC guided annotations improved the resolution performance of the algo compared to manual annotated whole slide images. | Lars Bjork, Feria Hikmet, Jonas Gustavsson, Daniel Hägg, Mats Andersson, Filippo Fraggetta, Witold Rezner, Mateusz Seliga, Piotr Bobkiewicz, Lex Makkus, Andrey Bychkov, Junya Fukuoka, Kristian Eurén, Stefan Elfwing, Cecilia Lindskog |