2017 PATHOLOGY VISIONS Poster Presentation Competition

POSTER	TITLE	AUTHOR(S)
P1	Digital Pathology: The Singularity Is Near	Jong T. Kim
P2	Three-Dimensional (3D) Imaging, Scanners, & Additive Manufacturing: Applications for Pathology	Navid Farahani, Hameed Tasal, Dylan Jutt, Alex Braun, Todd Huffman; Liron Pantanowitz
P3	Validation of Quantitative Digital Pathology Analyses	Auranuch Lorsakul; Joerg Bredno; Jim Martin; Shawn Wang; Kien Nguyen; Faith Ough; June Clements; Solange Romagnoli
P4	Use of Digital Pathology to Drive Revenue to Labs	Dan Angress
P5	Digital Pathology Workflows for Large-Scale Biomarker Studies	Timothy Baradet, Vipul Baxi, George Lee, & Cyrus Hedvat
P6	Evaluating Image Analysis Approaches Towards "Harmonization" of PD-L1 Assays	Allison S. Harney; Staci J. Kearney; Carsten Schnatwinkel; Famke Aeffner; Luke Pratte; Zach Pollack; Jenifer Caldara; Karen Ryall; Joseph Krueger; Daniel Rudmann; Roberto Gianani
P7	Preparing for High Throughput Image Analysis	Douglas J. Hartman
P8	Buying a Digital Pathology System: What Labs and Vendors Need to Know	Douglas J. Hartman
P9	An Automated Approach to Calculate Ki-67 Index in Pancreatic Neuroendocrine Tumors	Bernadette M. Boac; Daryoush Saeed-Vafa; Anthony M. Magliocco; Barbara A. Centeno
P10	The Artificial Pathologist: Deep Learning Automatically Identifies Pathologically Significant Features	Drew Linsley; Thomas Serre; Anthony Magliocco; Daryoush Saeed-Vafa
P11	Research Methodologies and Applications in Digital Pathology Analysis: A Perspective from an Analytic Microscopy Core Laboratory	Joseph Johnson; Agnieszka Kasprzak; Tingan Chen; Jonathan Nguyen; Marilyn Bui
P12	Automated Assessment of Ki-67 Expression in Breast Cancers: The Utility of Virtual Triple Staining	Akira I. Hida; Lars Pedersen; Dzenita Omanovic; Takashi Ogura; Yumi Oshiro; Akihide Tanimoto; Naoki Kanomata; Takuya Moriya
P13	Digital Image Analysis of Programmed Death-Ligand 1 Expression for Encapsulated Follicular Variant of Papillary Thyroid Cancer	Anne M.-Y. Hsieh; Olena Polyakova; Guodong Fu; Christina MacMillan; Ranju Ralhan; Paul Walfish
P14	Predicting pN-Stage of Breast Cancer Patients with a Fully Automated Image Analysis System	Hunter Jackson; Richard Chen; Yating Jing; John Corbett
P15	Towards Image Based Diagnostics: Predicting Lymph Node Metastasis from Primary Tumor Histology with Deep Learning	Hunter Jackson; Yating Jing; Chang-Ohk Sung
P16	Trial of Consultation Portal to Support the Remote Diagnosis of Local Hospital	Yukio Kashima; Tomoo Ito; Kenichi Yuma; Hideki Okamura; Masayuki Hayashi; Han-seung Yoon; Bungo Furusato; Daisuke Niino; Kazuhiro Tabata; Takashi Koyama; Junya Fukuoka
P17	Application of Microscope-based Scanning Software (Panoptiq) for the Interpretation of Cervicovaginal Cytology Specimens	Ruben Groen, Kuniko Abe, Han-Seung Yoon, Zaibo Li, Rulong Shen, Akira Yoshikawa, Takao Nitanda, Yukiko Shimizu, Isao Otsuka, and Junya Fukuoka

P18	Alignment of Sequential Whole-Slide Images: A Deep Learning Approach.	Preston Law; Beverly Faulkner-Jones; Charles Law
P19	Label-free Quantitative Breast Histopathology Using Spatial Light Interference Microscopy (SLIM)	Hassaan Majeed; Masanori Takabayashi; Mikhail Kandel; Zheng George Liu; Gabi
P20	Histological Detection of High-Risk Benign Breast Lesions from Whole Slide Images	Akif Burak Tosun; Maurice Marx; Luong Nguyen; Nathan Ong; D. Lansing Taylor; S. Chakra Chennubhotla; Olga Navolotskaia; Gloria Carter; Jeffrey L. Fine
P21	Transformative Role of Digital Pathology in Viral Neuropathogenesis Research and Development of Live Virus Vaccines Against Neurotropic Viruses	Olga A. Maximova; Alexander G. Pletnev
P22	Implementation of Whole Slide Imaging as a Pathology Teaching Tool and for Institutional Tumor Boards: A resident's experience	Ashish Mishra; J Mark Tuthill
P23	A 3-year Report on Whole Slide Imaging Program for Clinical Slide Archiving	Matthew Suriawinata; Heather Warren; Gerald Jackman; Laura Gordon
P24	Japanese guidance of Digital Pathology Diagnosis - Preparation for Guideline	Ichiro Mori
P25	Deep Learning Nuclear Segmentation and Classification for Analysis of Lung Cytology Cell Blocks	Paul G. O'Reilly; Peter Bankhead; Jim Diamond; Peter W. Hamilton
P26	Use of Digital Pathology to Improve Diagnostic Accuracy in Breast Cancer Reporting to a Qualified Clinical Data Registry (QCDR) Measure Collection by CMS.	Sandra Martins; Patricia Goede; Zaibo Li
P27	Pattern Recognition and Quantification of Hepatic Fibrosis in NASH Preclinical Models Using Deep-learning Based Image Analysis	E. Rexhepaj; N. Degallaix, B. Noel, C. Belanger, S. Megnien, R. Walczak, B. Staels, DW. Hum, J. Brozek
P28	First Person Shooter Video Game Principles Enable Rapid Generation of Ground Truth for Deep Learning.	Richard Huang; Jack Zeineh; Marcel Prastawa; Giovanni Koll; Gerardo Fernandez
P29	Qualitopix – Automated Quality Assessment of the HER2 Receptor	Stine Harder; Astrid Ottosen; Andreas Schønau; Keith Miller
P30	Preanalytical Whole Case Image Mapping	JIT Labs
P31	Digital Microscopy Files of Archived Tumor and Derivative Bio-Specimens as Quality Control and Reference for Precision Medicine Standards. Essential Resources in Biorepository Operations and Future Biomedical Research	Hector Monforte; William Schleif; Paris Volk; Peter Steele
P32	Computational Discovery of Tissue Morphology Biomarker for Very Long-term Survivors with Pancreatic Ductal Adenocarcinoma	Jacob S. Sarnecki; Laura D. Wood; Ralph H. Hruban; Anirban Maitra; Denis Wirtz; Pei-Hsun Wu