

# Pathology Visions 2011 | Poster Presenters

Clinical	
P1	<b>3D Radiology/Pathology Correlates in Carotid Atheroma (Canadian Atherosclerosis Imaging Network)</b> Murad AlTurkustani <sup>1,2</sup> , Kendra Derry <sup>2</sup> , Eli Gibson <sup>2,3</sup> , Cathy Crukley <sup>2,3</sup> , Aaron Fenster <sup>2,3</sup> , J. David Spence <sup>1,2,3</sup> , Joanne Brennan <sup>4</sup> , Robert deKemp <sup>4</sup> , Robert Beanlands <sup>4</sup> , Yulia Yarofeyeva <sup>5</sup> , Martin Yaffe <sup>5</sup> , Robert Hammond <sup>1,2</sup> ; <sup>1</sup> London Health Sciences Centre, <sup>2</sup> University of Western Ontario, <sup>3</sup> Robarts Research Institute, <sup>4</sup> Ottawa Heart Institute, <sup>5</sup> Sunnybrook Health Sciences Centre
P2	<b>Automated Image Analysis, Scoring, and Annotation</b> B J Dangott, M Salama; Department of Pathology, University of Utah Medical Center, Salt Lake City, Utah, United States
P3	<b>Classification and Analysis of Eosinophils in Eosinophilic Esophagitis using Genie Histology Pattern Recognition</b> Priya Vaidyanathan; Aperio
P4	<b>Computer Aided Cancer Diagnosis for serous effusion cytology</b> Dr H.Elle <sup>1</sup> , M. Lecluse <sup>1</sup> , Pr A. Elmoataz <sup>2</sup> , Pr O. Lezoray <sup>2</sup> , D. Matte <sup>2</sup> ; <sup>1</sup> Pathology Department - Center Hospital Public Cotentin - 50110 CHERBOURG-OCTEVILLE – France, <sup>2</sup> Research Laboratory GREYC UMR CNRS 6072 - 14000 CAEN University – France.
P5	<b>Lean Six Sigma Techniques For Digital Pathology</b> Amanda Lowe; Digital Pathology Consultants LLC
P6	<b>Oncology-Pathology Integration</b> Syed Hamdani, James Weldy; XStor Medical Systems
P7	<b>Optical Projection Tomography as a Diagnostic Tool for Colorectal Polyps</b> Maria V. Coats <sup>1</sup> , Sarah E. Wedden <sup>2</sup> , Joanne Farrell <sup>2</sup> , Gwen Cranston <sup>2</sup> , Lisa Mitchell <sup>2</sup> , Jennifer Wilson <sup>3</sup> , Robert JC Steele <sup>1</sup> , Frank Carey <sup>3</sup> ; <sup>1</sup> University of Dundee <sup>2</sup> Medical Research Council Technology, <sup>3</sup> NHS Tayside
P8	<b>Overview on DICOM for Histopathology</b> Danoush Hosseinzadeh <sup>1,3</sup> , Anne L. Martel <sup>1,2,3</sup> ; <sup>1</sup> Imaging Research, Sunnybrook Research Institute, Toronto, Ontario, Canada, <sup>2</sup> Department of Medical Biophysics, University of Toronto, Toronto, Ontario, Canada, <sup>3</sup> PathCore Inc., Toronto, Ontario, Canada
P9	<b>Selective Excitation Light Fluorescence Imaging</b> Mehrnoush Khojasteh, Calum MacAulay; British Columbia Cancer Research Center, Vancouver, BC
P10	<b>Significance of Whole Slide Imaging System in Cases of Potential Medicolegal Importance</b> Anand Kulkarni*, Dianne Kovacic, Aditya Kulkarni, Crystal Stanton, Andrzej Slominski Department of Pathology, University of Tennessee Health Science Center, Memphis, TN 38163
P11	<b>WSI interconnection model and localization service for computer assisted navigation</b> N. Zerbe <sup>1,2</sup> , P. Hufnagl <sup>1,2</sup> , K. Schlüns <sup>1</sup> ; <sup>1</sup> Institute of Pathology, Charité – Universitätsmedizin Berlin, Berlin, Germany, <sup>2</sup> University of Applied Science Berlin, Berlin, Germany
Research	
P12	<b>3D Reconstruction of Prostate Histopathology for co-registration with in vivo Imaging</b> Eli Gibson <sup>1</sup> , Cathie Crukley <sup>2</sup> , Vaishali Karnik <sup>2</sup> , Mena Gaed <sup>2</sup> , José A. Gómez <sup>3</sup> , Madeleine Moussa <sup>3</sup> , Joseph L. Chin <sup>4</sup> , Glenn S. Bauman <sup>5</sup> , Aaron Fenster <sup>2,6</sup> , Aaron D. Ward <sup>6</sup> ; <sup>1</sup> Robarts Research Institute, The University of Western Ontario Research Institute, The University of Western Ontario, <sup>2</sup> Lawson Health Research Institute; Robarts Research Institute, The University of Western Ontario, <sup>3</sup> Department of Pathology, The University of Western Ontario, <sup>4</sup> Departments of Urology and Oncology, The University of Western Ontario, <sup>5</sup> Lawson Health Research Institute; Department of Oncology, The University of Western Ontario, <sup>6</sup> Department of Medical Biophysics, The University of Western Ontario
P13	<b>Advances in Whole Slide Stereology: a faster and more efficient approach to stereology</b> Lars Pedersen; Visiopharm
P14	<b>An entirely automatic method to score crypt loss and infiltration from pathology slides in a mouse DSS model of Colitis</b> Cleopatra Kozlowski, Jason deVoss, Joseph Beyer, Lauri Diehl
P15	<b>A stereological assessment of primate pancreas</b> Erik Hagendorn, BS, Trevor Johnson, MS, David Young, DVM, Steven Potts, Ph.D; Flagship Biosciences

P16	<b>Automated Image Analysis For Early Stage Neuroscience Research</b> Hai Ngu, William Meilandt, Claire Le Pichon, Suzana Couto, Kimberly Searce-Levie, Jeffrey Eastham-Anderson; Genentech, Inc.
P17	<b>Automated image analysis of biomarkers in tumor regions and cancer cell compartments.</b> Jakob Raundahl <sup>1</sup> , Patricia Switten Nielsen <sup>2</sup> , Rikke Riber-Hansen <sup>2</sup> , Niels Taekker Foged <sup>1</sup> , Torben Steiniche <sup>2</sup> ; <sup>1</sup> Visiopharm A/S, Agerm Alle 3, 2970 Hoersholm, Denmark, <sup>2</sup> Department of Pathology, Aarhus University Hospital, 8000 Aarhus, Denmark
P18	<b>Evaluation of an Automated Histology Pattern Recognition Tool for Selection and Analysis of Viable Tumor in Xenograft Sections Stained with CD-31</b> Kate Lillard; Aperio
P19	<b>Fluorescence Compared to Brightfield CD35 Detection in Lymphoid Follicles of the Monkey to Assess Immunomodulatory Treatment</b> Jens Brodbeck <sup>1</sup> , Felix Chu <sup>2</sup> , Melissa Gonzales Edick <sup>2</sup> , Gary Cain <sup>2</sup> ; <sup>1</sup> Department for Safety Assessment, <sup>2</sup> Department of Pathology, Genentech, South San Francisco, CA
P20	<b>Genie Classifier Development For Histology Pattern Recognition</b> Christopher Tully; Aperio
P21	<b>High-throughput analysis of tissue biomarkers using whole slide scanning and TMALab data management</b> Kate Lillard; Aperio
P22	<b>Scoring of brightfield ISH by quantitative analysis of whole slide images of tumor sections.</b> Niels T. Foged, Jakob Raundahl, Martin Axelsen, Michael Grunkin, Johan D. Hansen; Visiopharm A/S, Agerm Alle 3, DK-2970 Hoersholm, Denmark
P23	<b>Utilizing the Microsoft Kinect Technology to View Whole Slide Images</b> Thomas J. Barr <sup>1</sup> , David Billiter <sup>1</sup> , Patrick Samona <sup>2</sup> , Jason Vazzano <sup>2</sup> ; <sup>1</sup> The Research Institute at Nationwide Children's Hospital, Columbus, OH, <sup>2</sup> Vectorform LLC, Royal Oak, MI
<b>Education</b>	
P24	<b>Considerations when introducing web-based virtual microscopy for teaching and learning: the UIC experience</b> Amy Lin; University of Illinois at Chicago, Department of Pathology
P25	<b>Creating a Comprehensive Pathology Organ Museum</b> Kyle Amber; University of Miami, Miller School of Medicine
P26	<b>Development of Multigene Expression Signature Maps at the Protein Level from Digitized Immunohistochemistry Slides</b> Gregory J. Metzger, PhD <sup>1</sup> , Stephen C. Dankbar, BS <sup>2</sup> , Jonathan Henriksen, BS <sup>3</sup> , Anthony E. Rizzardi, BS <sup>2</sup> , Nikolaus K. Rosener <sup>2</sup> , Stephen C. Schmechel, MD, PhD <sup>2</sup> ; <sup>1</sup> Department of Radiology, University of Minnesota, <sup>2</sup> Department of Laboratory Medicine and Pathology, University of Minnesota, <sup>3</sup> BioNet, University of Minnesota
P27	<b>The Students' Perspective on Virtual Microscopy</b> Diana Jonas-Dwyer, Associate Professor Medical Education <sup>1</sup> , Fay Sudweeks, Associate Professor Emerita in Information Systems <sup>2</sup> , Tanya McGill, Associate Professor in Information Technology <sup>2</sup> , Philip Nicholls, Associate Professor in Pathology <sup>2</sup> ; <sup>1</sup> University of Western Australia, Perth, Western Australia, <sup>2</sup> Murdoch University, Western Australia
P28	<b>Using Whole Slide Digital Images to Assess and Monitor Resident Progress in Surgical Pathology</b> Brad Chaser MD, Kar-Ming Fung MD/PhD, Lewis Hassell MD; Department of Pathology, University of Oklahoma Health Sciences Center, Oklahoma City, OK.



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