

USCAP 110TH ANNUAL MEETING

NEVER STOP LEARNING



VIRTUAL AND INTERACTIVE

MARCH 13-18, 2021

MONDAY March 15, 2021

Poster Presentations

11:45 - 12:45 PM

GENERAL SURGICAL PATHOLOGY

Risk Stratification for Management of Breast Cancer Patients Using Genomic Testing in Needle Core Biopsies: Lessons Learned During the COVID-19 Pandemic and Future Implications

1. *Hani Katerji, MD: University of Rochester Medical Center*
2. *David G. Hicks, MD: University of Rochester Medical Center*
3. *Bradley M. Turner, MD, MPH, MHA: University of Rochester Medical Center*
4. *Ioana Moisini, MD, PhD: University of Rochester Medical Center*
5. *Huina Zhang, MD, PhD: University of Rochester Medical Center*
6. *Xi Wang, MD: University of Rochester*
7. *Linda M. Schiffhauer, MD: University of Rochester*
8. *Ajay Dhakal, MBBS: Wilmot Cancer Institute, University of Rochester Medical Center*
9. *Alissa Huston, MD: University of Rochester*
10. *Carla Falkson, M.B.Ch.B., M.Med., MD: University of Rochester*

5:15 – 6:15 PM

DERMATOPATHOLOGY

Differential Expression of Delta-like Protein 3 in Merkel Cell Carcinoma Primary Tumors and Metastases: A Novel Potential Therapeutic Target

1. *Chauncey Robert Syposs, DO, MA: University of Rochester Medical Center*
2. *Anthony B. Cardillo, MD: University of Rochester Medical Center*
3. *Alexandra M. Danakas, DO: University of Rochester Medical Center*
4. *Tatsiana Pukhalskaya, MD: URM Surgical Pathology Dept*
5. *Bruce R. Smoller, MD: University of Rochester School of Medicine and Dentistry*
6. *Tanupriya Agrawal, MD, PhD: University of Rochester Medical Center*

Platform Presentations

5:30 – 5:45PM

GASTROINTESTINAL PATHOLOGY

Image Analysis of Intratumoral Budding in Colorectal Carcinoma is Prognostically Significant Across All Stage Groups and Histologic Grades

1. *Phoenix Bell, Bell, MD, MS: Brigham and Women's Hospital, Harvard Medical School*
2. *Amitabh Srivastava, MD: Brigham and Women's Hospital, Harvard Medical School*
3. *Michael G. Drage, MD, PhD: University of Rochester Medical Center*

5:45 – 6:00 PM

Colorectal Adenosquamous Carcinoma: A Clinicopathologic Analysis of 32 Cases of a Rare Carcinoma Subtype

1. *Rachel Horton, DO: Mayo Clinic*
2. *Teri A. Longacre, MD: Stanford University*
3. *Daniela Allende, MD: Cleveland Clinic, Lerner College of Medicine of Case Western University School of Medicine*

4. Kelsey E. McHugh, MD: Cleveland Clinic
5. Jinru Shia, MD: Memorial Sloan Kettering Cancer Center
6. Maria Westerhoff, MD: University of Michigan
7. Amitabh Srivastava, MD: Brigham and Women's Hospital, Harvard Medical School
8. Wei Chen, MD, PhD: The Ohio State University Wexner Medical Center
9. Jennifer Vazzano, DO: The Ohio State University Wexner Medical Center
10. *Rossana Kazemimood, MD: University of Rochester*
11. Runjan Chetty, FRCPC, FRCPath, DPhil (Oxon): Royal Sussex County Hospital
12. Klaudia M. Nowak, MD FRCPC: Toronto General Hospital, University Health Network
13. Stefano Serra, MD: University Health Network, University of Toronto
14. Won-Tak Choi, MD, PhD: University of California, San Francisco
15. Sanjay Kakar, MD: University of California, San Francisco
16. Deyali Chatterjee, MD: The University of Texas MD Anderson Cancer Center
17. Hassam A. Cheema, MD: Barnes-Jewish Hospital/Washington University
18. Rifat Mannan, MD: Perelman School of Medicine at the University of Pennsylvania
19. Rondell Graham, MBBS: Mayo Clinic
20. Raul S. Gonzalez, MD: Beth Israel Deaconess Medical Center, Harvard Medical School

TUESDAY March 16, 2021

Poster Presentations

11:30 AM - 12:30 PM

GENITOURINARY PATHOLOGY

Radical Prostatectomy Findings and Oncologic Outcomes in Patients with Prostate Cancer Detected on Systematic Sextant Biopsy Only, MRI-targeted Biopsy Only, or Both

1. *Nivedita Suresh, MD: URM C Surgical Pathology Dept*
2. *Ying Wang, MD, PhD: University of Rochester Medical Center*
3. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*

The Clinical Impact of Comedonecrosis within Intraductal Carcinoma of the Prostate

1. *Ying Wang, MD, PhD: University of Rochester Medical Center*
2. *Yuki Teramoto, MD: University of Rochester Medical Center*
3. *Takuro Goto, MD: University of Rochester Medical Center*
4. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*

PULMONARY, MEDIASTINAL, PLEURAL, AND PERITONEAL PATHOLOGY

HER2 (ERBB2) Immunohistochemistry in Non-Small Cell Lung Cancer: Does Expression Correlate with ERBB2 Mutational Status?

1. *Anthony B. Cardillo, MD: University of Rochester Medical Center*
2. *Sierra Kovar, MS, CT (ASCP): University of Rochester Medical Center*
3. *David G. Hicks, MD: University of Rochester Medical Center*
4. *Moises J. Velez, MD: University of Rochester Medical Center*

Comparison of Diagnostic Utility of Delta-Like Ligand 3 to Insulinoma-Associated protein 1 (INSM1) in Neuroendocrine Neoplasms of Lung

1. *Alexandra M. Danakas, DO: University of Rochester Medical Center*
2. *Moises J. Velez, MD: University of Rochester Medical Center*
3. *Chauncey Robert Syposs, IV, DO, MA: University of Rochester Medical Center*
4. *Sachica C. Cheris, MD, MBA: University of Rochester Medical Center*
5. *Tanupriya Agrawal, MD, PhD: University of Rochester Medical Center*

Expression of Delta-Like Ligand 3 in Thoracic Neuroendocrine Neoplasms: New insights into a Novel Diagnostic and Therapeutic Target

1. *Alexandra M. Danakas, DO: University of Rochester Medical Center*
2. *Moises J. Velez, MD: University of Rochester Medical Center*
3. *Chauncey Robert Syposs, IV, DO, MA: University of Rochester Medical Center*
4. *Donna K. Russell, MEd, CT (ASCP)HT: University of Rochester Medical Center*
5. *Sachica C. Cheris, MD, MBA: University of Rochester Medical Center*

6. *Tanupriya Agrawal, MD, PhD: University of Rochester Medical Center*

5:00 – 6:00 PM

HEMATOPATHOLOGY

Comprehensive Genomic Assessment using both NGS and CGH-SNP Analysis is Essential to Identify Clonal Abnormalities in Idiopathic Cytopenia(s) of Undetermined Significance

1. Rashmi Kanagal-Shamanna, MD: The University of Texas MD Anderson Cancer Center
2. *Andrew G. Evans, MD, PhD: University of Rochester Medical Center*
3. Carlos E. Bueso-Ramos, MD, PhD: The University of Texas MD Anderson Cancer Center
4. Guillermo Garcia-Manero, MD: The University of Texas MD Anderson Cancer Center
5. L. Jeffrey Medeiros, MD: The University of Texas MD Anderson Cancer Center
6. *M. Anwar Iqbal, PhD: University of Rochester Medical Center*

Platform Presentations

5:45 – 6:00 PM

GENITOURINARY PATHOLOGY

Comparative Molecular Analysis Demonstrates the Presence of Three Genetic Subsets of Aggressive Leydig Cell Tumors

1. Natalie M. Rizzo, MD: Brigham and Women's Hospital
2. Lynette M. Sholl, MD: Brigham and Women's Hospital
3. Muhammad T. Idrees, MD: Indiana University School of Medicine
4. John C. Cheville, MD: Mayo Clinic
5. Kristine M. Cornejo, MD: Massachusetts General Hospital
6. Sounak Gupta, MBBS, PhD: Mayo Clinic
7. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*
8. Michelle S. Hirsch, MD, PhD: Brigham and Women's Hospital
9. Andres Martin Acosta, MD: Brigham and Women's Hospital, Harvard Medical School

WEDNESDAY March 17, 2021

Poster Presentation

11:45 – 12:45PM

GENITOURINARY PATHOLOGY

Testicular Germ Cell Tumors with Spermatic Cord Involvement: A Retrospective International Multi-Institutional Experience

1. Maria Del Carmen Rodriguez Pena, MD: The University of Alabama at Birmingham
2. Ali Amin, MD: Alpert Medical School of Brown University
3. Manju Aron, MD: Keck School of Medicine of USC
4. Piergiuseppe Colombo, MD: Humanitas Clinical and Research Center, IRCCS
5. Roni M. Cox, OH: Cleveland Clinic
6. Dilek Baydar, MD: Koç University
7. Ivan Gallegos, MD: Hospital Clínico Universidad de Chile
8. Francesca Khani, MD: Weill Cornell Medicine
9. Kvetoslava Michalova, MD, PhD: Biopsticka laborator s.r.o.
10. Roberta Lucianò, MD: IRCCS San Raffaele Scientific Institute
11. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*
12. Adeboye O. Osunkoya, MD: Emory University
13. Sofía Canete-Portillo, MD: The University of Alabama at Birmingham
14. Maria Rosaria Raspollini, MD, PhD: University Hospital Careggi
15. Diego F Sanchez, MD: Instituto de Patologia e Investigacion
16. Federico Scarfò, MD: Ospedale San Raffaele
17. Jeffrey So, MD: St. Luke's Medical Center
18. Debra L. Zynger, MD: The Ohio State University Wexner Medical Center
19. Shi Wei, MD, PhD: The University of Alabama at Birmingham
20. George Jaboune Netto, MD: The University of Alabama at Birmingham
21. Cristina Magi-Galluzzi, MD, PhD: The University of Alabama at Birmingham

Platform Presentations

12:00 – 12:15PM

GASTROINTESTINAL PATHOLOGY

Hyper mucinous, Goblet Cell Deficient, and Crypt Cell Dysplasias in Inflammatory Bowel Disease: A Multicenter Clinicopathologic Study of 126 Cases

1. Won-Tak Choi, MD, PhD: University of California, San Francisco
2. Marcela A. Salomao, MD: Mayo Clinic
3. Lei Zhao, MD, PhD: Brigham and Women's Hospital, Harvard Medical School
4. Lindsay Alpert, MD: University of Chicago
5. Namrata Setia, MD: University of Chicago
6. Xiaoyan Liao, MD, PhD: University of Rochester Medical Center
7. Michael G. Drage, MD, PhD: University of Rochester Medical Center
8. Maria Westerhoff, MD: University of Michigan
9. Jerome Cheng, MD: University of Michigan
10. Gregory Y. Lauwers, MD: H. Lee Moffitt Cancer Center & Research Institute, University of South Florida
11. Huaibin Mabel Ko, MD: Columbia University Irving Medical Center, New York-Presbyterian Hospital

2:30 – 2:45PM

LIVER PATHOLOGY

Congenital Hepatic Fibrosis and its Mimics: A Clinicopathologic Study of 19 Cases at a Single Institution

1. Xiaoyan Liao, MD, PhD: University of Rochester Medical Center
2. Irene Y. Chen, MD: University of Rochester Medical Center
3. Christa L. Whitney-Miller, MD: University of Rochester Medical Center

Poster Presentations

5:15 – 6:15PM

GASTROINTESTINAL PATHOLOGY

Clinicopathologic Characterization of Lichenoid Esophagitis: A Single Institution Experience of 30 Cases

1. Mark G. Ettel, MD: University of Rochester
2. Xiaoyan Liao, MD, PhD: University of Rochester Medical Center

Assessment of Prognostic Factors of Solitary Fibrous Tumors Arising from the Gastrointestinal Tract and Liver: A Clinicopathologic Study of 34 Cases

1. Xiaoqin Liu, MD, PhD: University of Rochester Medical Center
2. Michael-John G. Beltejar, PhD: University of Rochester Medical Center
3. Xiaoyan Liao, MD, PhD: University of Rochester Medical Center

Correlation of Loss of 5-hydroxymethylcytosine (5-hmC) Expression with Risk of Disease Progression in Smooth Muscle Tumors of the Gastrointestinal Tract

1. Andrea D. Olivas, MD: University of Chicago Medical Center
2. Frank Jacobsen, MD: Massachusetts General Hospital, Harvard Medical School
3. Joseph Misdraji, MD: Massachusetts General Hospital, Harvard Medical School
4. Teri A. Longacre, MD: Stanford University
5. Shyam S. Raghavan, MD: University of Virginia School of Medicine
6. Hanlin L. Wang, MD, PhD: David Geffen School of Medicine at UCLA
7. Ari Kassardjian, MD, PhD: University of California, Los Angeles
8. Raul S. Gonzalez, MD: Beth Israel Deaconess Medical Center, Harvard Medical School
9. Mary P. Bronner, MD: The University of Utah
10. Zachary M. Dong, MD: The University of Utah
11. Marie E. Robert, MD: Yale School of Medicine
12. Iván A. González, MD: Yale New Haven Hospital
13. Jinru Shia, MD: Memorial Sloan Kettering Cancer Center
14. David S. Klimstra, MD: Memorial Sloan Kettering Cancer Center

15. Rhonda K. Yantiss, MD: Weill Cornell Medicine
16. Shefali Chopra, MD: Keck School of Medicine of USC
17. Nicole C. Panarelli, MD: Montefiore Medical Center - Moses Division
18. Shaomin Hu, MD, PhD: Cleveland Clinic
19. Zu-Hua Gao, MD: McGill University
20. *Diana Agostini-Vulaj, DO: University of Rochester Medical Center*
21. Deyali Chatterjee, MD: The University of Texas MD Anderson Cancer Center
22. Masoumeh Ghayouri, MD: H. Lee Moffitt Cancer Center & Research Institute
23. Gregory Y. Lauwers, MD: H. Lee Moffitt Cancer Center & Research Institute, University of South Florida
24. Andrew M. Bellizzi, MD: University of Iowa Hospitals & Clinics
25. Mojgan Hosseini-Varnamkhashi, MD: University of California, San Diego
26. John A. Hart, MD: University of Chicago
27. Lindsay Alpert, MD: University of Chicago

Clinicopathologic and Immunohistochemical Characterization of Primary Gastrointestinal Tract Neuroendocrine Carcinomas

1. *Irene Y. Chen, MD: University of Rochester Medical Center*
2. *Dongwei Zhang, MD, PhD: University of Rochester Medical Center*
3. *Moises J. Velez, MD: University of Rochester Medical Center*
4. *Sierra Kovar, MS, CT (ASCP): University of Rochester Medical Center*
5. *Xiaoyan Liao, MD, PhD: University of Rochester Medical Center*

Primary Malignancy After Urologic Reconstruction Procedures: A Multicenter Case Series

1. Chelsea E. Cornell, MD: Vanderbilt University Medical Center
2. Francesca Khani, MD: Weill Cornell Medicine
3. Adeboye O. Osunkoya, MD: Emory University
4. Andres Matoso, MD: Johns Hopkins Medical Institutions
5. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*
6. Jennifer B. Gordetsky, MD: Vanderbilt University Medical Center
7. Safia Nawazish Salaria, MD: Vanderbilt University Medical Center
8. Giovanna A. Giannico, MD: Vanderbilt University Medical Center

The Clinical Significance of Perineural Invasion by Prostate Cancer on MRI-Targeted Biopsy

1. *Nivedita Suresh, MD: UPMC Surgical Pathology Dept*
2. *Yuki Teramoto, MD: University of Rochester Medical Center*
3. *Takuro Goto, MD: University of Rochester Medical Center*
4. *Ying Wang, MD, PhD: University of Rochester Medical Center*
5. *Hiroshi Miyamoto, MD, PhD: University of Rochester Medical Center*

THURSDAY March 18, 2021

Poster Presentations

12:00 – 1:00PM

GASTROINTESTINAL PATHOLOGY

Clinicopathologic Characterization of Primary Appendiceal Invasive Adenocarcinoma

1. *Xiaoqin Liu, MD, PhD: University of Rochester Medical Center*
2. *Irene Y. Chen, MD: University of Rochester Medical Center*
3. *Xiaoyan Liao, MD, PhD: University of Rochester Medical Center*

HEAD & NECK PATHOLOGY

Acinic Cell Carcinoma: NR4A3 Fluorescence In Situ Hybridization Analysis in 40 Cytologic and Surgically Resected Specimens

1. Caroline Bsirini, MD: Emory University Hospital
2. *Bin Zhang, PhD: University of Rochester Medical Center*
3. *LiQiong Li, MD: University of Rochester Medical Center*
4. *Ellen Giampoli, MD: University of Rochester Medical Center*
5. Kelly R. Magliocca, DDS, MPH: Emory University
6. Michelle D. Reid, MD, MSc: Emory University Hospital
7. Vaidehi Avadhani, MD: Emory University Hospital

8. Qiuying (Judy) Shi, MD: Emory University
9. Zhongren Zhou, MD, PhD: Rutgers University

LIVER PATHOLOGY

Optimizing the Tumor Staging Criteria for Hepatocellular Carcinoma: A Clinicopathologic Study of 106 Cases at a Single Institution

1. *Dongwei Zhang, MD, PhD: University of Rochester Medical Center*
2. *Xiaoyan Liao, MD, PhD: University of Rochester Medical Center*

Expression Profile of B7 Family Immune Checkpoint Molecules PD-L1, HHLA2 and B7-H4 in Hepatocellular Carcinoma

1. *Xiaoyan Liao, MD, PhD: University of Rochester Medical Center*
2. *Dongwei Zhang, MD, PhD: University of Rochester Medical Center*

PANCREAS, GALLBLADDER, AMPULLA, AND EXTRA-HEPATIC BILIARY TREE

SWI/SNF Chromatin Remodeling Complex in Pancreatic Ductal Adenocarcinoma: Clinicopathologic and Immunohistochemical Study of 353 Cases

1. *Irene Y. Chen, MD: University of Rochester Medical Center*
2. *Mark G. Ettl, MD: University of Rochester*
3. *Phoenix Bell, Bell, MD, MS: Brigham and Women's Hospital, Harvard Medical School*
4. *Aaron R. Huber, DO: University of Rochester Medical Center*
5. *Jennifer J. Findeis-Hosey, MD: University of Rochester Medical Center*
6. *Wenjia Wang, MD, PhD: University of Rochester Medical Center*
7. *Richard F. Dunne, MD: University of Rochester*
8. *Michael G. Drage, MD, PhD: University of Rochester Medical Center*
9. *Diana Agostini-Vulaj, DO: University of Rochester Medical Center*

CDX2 and SATB2 in Pancreatic Ductal Adenocarcinoma: Expression and Prognostic Significance

1. *Caroline Bsirini, MD: Emory University Hospital*
2. *Irene Y. Chen, MD: University of Rochester Medical Center*
3. *Mark G. Ettl, MD: University of Rochester*
4. *Phoenix Bell, Bell, MD, MS: Brigham and Women's Hospital, Harvard Medical School*
5. *Jennifer J. Findeis-Hosey, MD: University of Rochester Medical Center*
6. *Richard F. Dunne, MD: University of Rochester*
7. *Michael G. Drage, MD, PhD: University of Rochester Medical Center*
8. *Diana Agostini-Vulaj, DO: University of Rochester Medical Center*