



UCSF PATHOLOGY ALUMNI NEWSLETTER

ISSUE 19: APRIL 2025

USCAP Annual Meeting 2025

Summary by: Linda Ferrell, MD

**Boston Convention and Exhibition Center Boston, Massachusetts
March 22 - March 27, 2025**

The UCSF Pathology Department participated with record numbers at the 2025 Annual Meeting of the US and Canadian Academy of Pathology (USCAP), with our faculty and trainees involved in 69 posters and 20 platforms. In addition, faculty members served in 13 other roles, such as a lecturer or moderator/panelist. For the abstracts, we are very proud to note that 21 trainees (residents, fellows, post-docs), 3 UCSF medical students, and 40 AP faculty were co-authors. Among these abstracts, trainees presented 7 of these 20 platforms, and one of our UCSF medical students also presented a platform. Of further note, 13 trainees were involved with more than 1 abstract, and several also presented both a poster and platform! Twenty-nine faculty members had > 1 abstract, 18 had >3, and 8 had 5 or more, a truly remarkable accomplishment overall. The entire listing of events involving our department members is included below, with our faculty and trainees as well as other UCSF coauthors listed in Bold print in the Master Schedule for USCAP 2025 included below.

The Department also hosted the alumni reception on Sunday Mar 23, 8:30-10:30 pm for all of department attendees and alumni at the meeting, and the room was packed for the entire event from start to finish! We thank Dr Debnath for again hosting the party on behalf of the Department and to Kelly McNeill, our office manager, for her efforts in organizing the event. We also thank our department analysts Lyubov (Lulu) Loza and Aubrey Salinda for their help with the Fellowship Fair, the scheduling for all the trainee practice sessions for their posters and platforms (>30 overall), and for putting together the USCAP Master Schedule (included below), all of which is a big job given our incredible amount of participation in the meeting.

USCAP Companion Society Awards

As you all are aware, USCAP as well as other pathology/companion societies sponsor awards and prizes for the best abstracts presented by trainees. This year, we had two awardees as follows:

Matthew Zunitch, MD, PhD, was the winner of the 2025 Subspecialty Pathology Award for the best abstract in this category by a trainee, chosen by the Association of Directors of Anatomic and Subspecialty Pathology Society (ADASP), and co-sponsored by USCAP. This highly prestigious award is posted on the USCAP website and announced each year at the USCAP Annual Business and Awards meeting on the Tues afternoon. This award is selected through competitive review of over 300 abstracts by the ADASP abstract review committee. The winning abstract was entitled: "Implementation and Impact of Digitally-Optimized Histology", by UCSF authors MJ Zunitch MD, PhD; N Khorsandi MD, MPH; V Walavalkar, MD; YY Chen, MD, PhD; SE Umetsu MD, PhD; C Espiritu, MBA, BS; S Evans BS; GZ Laszik, MD, PhD. This abstract was presented as both a poster in the Stowell-Orbinson competition as well as a platform. The key part of this abstract presentation was the workflow algorithm showing how the implementation of the change took place, while demonstrating the necessary laboratory management skills. As Matt stated after receiving the award to our program director, Dr Ron Balassanian: "This was a team effort, and everyone deserves credit for making it succeed."

USCAP Companion Society Awards contd.

Kara Tanaka, MD, was one of the recipients of the International Society of Urological Pathology (ISUP)'s trainee travel stipend award. There were 3 recipients of the International Society of Urological Pathology (ISUP)'s trainee travel stipend award. The competition included submission of her introductory letters and CV as well as her accomplishments, plans, and commitment to the subspecialty, all which were reviewed by an international panel of committee members from the ISUP. This award helped support Dr Tanaka's travel to USCAP to present her abstract as a platform entitled: "Immunohistochemical Profile of Molecularly Verified Clear Cell Renal Cell Carcinoma", by K Tanaka MD, MPA; CK.C. Ding, MD, PHD; NY Greenland, MD, PhD; B Stohr, MD, PHD; J Simko, MD, PHD; D Sirohi, MD. She also presented this same topic as a poster as well as part of the Stowell-Orbinson competition.

USCAP UCSF Master Schedule contd.

| Saturday 3/23 | | |
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| 3:00 PM - 4:00 PM | First-Time Attendee Session | |
| 4:15 PM - 5:00 PM | State of the Academy and USCAP Honors | |
| 5:00 PM -5:50 PM | Maude Abbott Legacy | |
| 6:00 PM - 7:30 PM | 2025 USCAP Welcome Reception: Cell-ebrate Boston | |
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| Sunday 3/23 | | |
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| 8:00 AM - 10:00 AM | Companion Meetings: Arthur Purdy Stout Society of Surgical Pathologist | Moderator: Kirk Jones, MD |
| 8:00 AM - 10:00 AM | Companion Meetings: Hans Popper Hepatopathology Society | Bilal Hameed, MD Professor of Medicine and Ambulatory Director of Hepatology |
| 2:00 PM - 4:00 PM | Companion Meetings: International Society of Breast Pathology | Rita S. Mukhtar, MD Associate Professor of Surgery |
| 5:00 PM - 7:30 PM | USCAP Fellowship Fair | |
| 8:00 PM - 10:00 PM | UCSF Reception at the Omni Hotel Room Momentum C | |
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| Monday, 3/24 | | |
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| 8:00 AM - 8:15 AM | Platform Session: Breast Pathology | G. Krings, MD, PhD, G.R. Bean, MD, PhD, J. Geradts, MD, E.M. Hosfield, MD, YY. Chen, MD, PhD Periductal Stromal Tumors of the Breast: Genetic Profiling with Histologic Correlation |
| 8:00 AM - 8:15 AM | Platform Session: Dermatopathology | S.F. Roy, MD, R. Milante, MD, K. Busam, MD, A. dl. Fouchardiere, MD, PhD, I. Yeh, MD, PhD MET-Fused Melanocytic Spitz Tumors: 18 Cases with Identifiable Histomorphological and Genetic Features |
| 8:30 AM to 8:45 AM | Platform Session: Genitourinary Pathology (including renal tumors) | G. J. Chan, MD, MS, X. Zhu, MD, PhD, N.Y. Greenland, MD, PhD, B. Stohr, MD, PhD, J. Simko, MD, PhD, CK.C. Ding, MD, PhD, D. Sirohi, MD Clinical and Morphological Characterization of RAS/RAF/MAPK-Mutated Prostatic Adenocarcinoma |
| 11:15 AM - 11:30 AM | | N.Y. Greenland, MD, PhD, J.E. Cowan, MA, CK.C. Ding, MD, PhD, D. Sirohi, MD, J. Simko, MD, PhD, P. Carroll, MD, MPH, B. Stohr, MD, PhD, L. Zhang, PhD, E. Chan, MD, PhD Correlation of Unfavorable, Borderline, and Favorable Histology at Radical Prostatectomy with Decipher Scores and Freedom from Biochemical Recurrence |
| 9:15 AM to 9:30 AM | Platform Session: Liver Pathology | D. Baltizer, MD, S.E. Umetsu, MD, PhD, N.M. Joseph, MD, PhD BRAF-Negative Bile Duct Adenomas Harbor Alterations in KRAS, BAP1, FGFR2, and MET |
| 11:15 AM - 11:30 AM | Platform Session: Gynecologic and Obstetric Pathology | B. Ameline, PhD, J. Brugger, MD, S. Muenst, MD, F.H. de Flon, MD, PhD, J.C. Fanburg-Smith, MD, A.M. Millis, MD, L. Rivera-Galvis, MD, B. Zoshchuk, MD, E. Washburn, MD, E. Sallam, MD, A. Horvai, MD, PhD, D. Baumhoer, MD Methylome Profiling of Uterine Smooth Muscle Tumors of Uncertain Malignant Potential (STUMP) Reveals Novel Epigenetic Signatures Distinct from Leiomyosarcoma |

USCAP UCSF Master Schedule contd.

Monday, 3/24

9:30 AM - 12:00 PM

Stowell-Orbison Poster Session

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| <u>G.C. de Castro, MD</u> , G. Krings, MD, PhD, <u>W.P. Devine, MD, PhD</u> , <u>R. Lin, BA</u> , E.M. Hosfield, MD, E.R. Shamir, MD, PhD, <u>YY. Chen, MD, PhD</u> Clinicopathologic and Genomic Characterization of Breast Neuroendocrine Tumors #1 |
| M. Sayan, MD, Y. Hawsawi, MD, M. Alsaleem, MD, M. Khan, MD, I. Mansoor, MD, R.A. Saleem< MD, A. Zakariyah, MD, F. Alonazi, MD, R.Y. Alnader, MD, MBBS, A.S. Noorsaeed, MD, A. Meliti, MD, H.A. Alardati, MD, MBChB, M. Alanzezi, MD, L.R. Altajami, PhD, N. Shaker, MD, MS, <u>N. Shaker, MD, MSH</u> Prediction of Specific Survival and Clinicopathological Impact of PALB2 Mutations and Pathogenic/Likely Pathogenic Variants (PV/LPV) in Breast Cancer: A Cohort Study of 81 Patients #17 |
| W.J. Smith IV, MD, P. McFarlane, PhD, L.M. Larson, BS, D. Jain, MD, R. Hone, MEd, <u>J.J. Molina, MD, MS, BA</u> , S. Jaiman, MD, MBBS Going Hand in Hand: Experiences of Neurodivergent Trainees in Pathology Residencies and Fellowships #68 |
| <u>N. Khorsandi, MD, MPH</u> , M.M.R.A. Alhuhoori, MD, MBBS, Z. Ghorab, MD, R.S. Goswami, MD, PhD, D. Gratzinger, MD, PhD, A. Ly, MD, I.E. Obiorah, MD, PhD, R. Ruiz-Cordero, MD, R. Santoscoy-Valencia, MD, L. Trabzonlu, MD, C.J. Su, MD, PhD, S.J. Wu, MD, PhD, <u>C.J. Zhou, BS</u> , L. Yuen, MD, PhD, <u>S.R. Long, MD</u> , J.R. Menke, MD Cytopathology and Hematopathology Review of Head and Neck Biopsy Specimens with a Diagnosis of Lymphoma #34 |
| <u>J. Cao, MD</u> , D. Gondim, MD Insights into Implementing a Pathology Trainee Report Feedback System Integrated with Digital Pathology #63 |
| <u>P. Toro, MD</u> , S. Karaslan MD, PhD, X. Liu, PhD, Li. Kang, MD, PhD, D. Zhang, MD, PhD, I.A. González, MD, R.S. Gonzalez, X. Zhang, MD, PhD, X. Wang, MD, PhD, X. Liao, MD, PhD, Z. Yang, MD, PhD, L. Wang, MD, PhD, M. Westerhoff, MD, J. Cheng, MD, H.L. Wang, MD, PhD, W. Yu, MD, <u>WT. Choi, MD, PhD</u> , Y. Xue, MD, PhD, A.M. Anzar, MD, L. Alperfi, MD, R. Sekhri, MD, J.R. Sweeney, MD, X. Zhang, MD, D. Allende, MD, S. Hu, MD, PhD Gastrointestinal Mixed Neuroendocrine Non-Neuroendocrine Neoplasm: Assessment of the Validity of the 30% Requirement for Both Components #124 |
| <u>K. Tanaka, MD, MFA</u> , CK.C. Ding, MD, PhD, N.Y. Greenland, MD, PhD, B. Stohr, MD, PhD, J. Simko, MD, PhD, D. Sirohi, MD Immunohistochemical Profile of Molecularly Verified Clear Cell Renal Cell Carcinomas #168 |
| <u>G.J. Chan, MD, MS</u> , X. Zhu, MD, PhD, N.Y. Greenland, MD, PhD, B. Stohr, MD, PhD, J. Simko, MD, PhD, CK.C. Ding, MD, PhD, D. Sirohi, MD Clinical and Morphological Characterization of RAS/RAF/MAPK-Mutated Prostatic Adenocarcinoma #174 |
| <u>T. Gilpatrick, MD, PhD</u> , CK.C. Ding, MD, PhD, B. Stohr, MD, PhD, K.L. Lu, MD, PhD, F. Huang, MD, PhD, H. Yang, MD, S. MD, MPH, J. Chou, MD, PhD Immunohistochemical Examination of CA-125 in Invasive Urothelial Carcinoma Histologic Variants #184 |
| <u>N.G. Sanchez, MD</u> , W.P. Devine, MD, PhD, J.T. Rabban III, MD, MPH A Prospective Clinical Workflow to Maximize Detection of Partial Hydatidiform Mole by Genotype Testing of Products of Conception with Known Fetal Triploidy Regardless of Chorionic Villi Morphology #202 |
| J.T. Rabban III, MD MPH, <u>L. Warren, MD, PhD</u> , L.J. Tafe, MD, W.P. Devine, MD, PhD Availability of Short Tandem Repeat (STR) Genotype Testing for Partial Mole Diagnosis at Academic and Commercial Laboratories in the US is Limited #204 |
| <u>Y.S. Cataldas, MD</u> , P. Hammer, MD, D. Donthi, MD, S.M. Falzarano, MD, PhD, D.L. Kolin, MD, PhD, J.D. Mahadik, MD, A.J. Neil, MD, PhD, C. Parra-Heran, MD, M. Rivera-Zengotita, MD, A.E. Sharma, MD, M.R. Nucci, MD, <u>J.T. Rabban, III, MD, MPH</u> , B.E. Howitt, MD, Z. Ordulu, MD Molecular Insights into the "Estrogenic Link" between Sex Cord-Stromal Tumors and Endometrial Carcinomas #216 |
| <u>N. Kayrakiloglu, MD, PhD</u> , W.P. Devine, MD, PhD, A. Blanco, MS, J.T. Rabban, III, MD, MPH MSH6 p.F1088fs Variant in Endometrial Cancer is a Passenger Mutation Due to MLH1 Promoter Methylation or Other Mismatch Repair Gene Variants: Implications for Using Next-Generation Sequencing for Lynch Syndrome Screening #219 |
| <u>C.H. Miller, MD, PhD</u> , J.T. Rabban, III, MD, MPH Microscopic Placenta Accreta Spectrum Disorder in Retained Products of Conception Specimens: A Missing Link in the Morphologic Spectrum of Disease #236 |
| <u>T. Chakravarty, MD, MSc</u> , H. Lee, DO, MS, J.P. Grenert, MD, PhD, W.P. Devine, MD, PhD, C. Onodera, PhD, J. Simko, MD, PhD, D. Sirohi, MD Detailed Analysis of MSLsensor2 Signatures of Endometrial Endometrioid Carcinomas with Next Generation Sequencing #306 |
| <u>N.E. Albayrak, MD</u> , D. Jain, MD, M. Torbenson, MD, O. Adayi, MBBS, A.M. Bellizzi, MD, D. Chatterjee, MD, M.I. Fiel, MD, MS, <u>R.M. Gill, MD, PhD</u> , R.S. Gonzalez, MD, M. Guindi, MD, FRCP, J.A. Hart, MD, <u>G.E. Kim, MD</u> , D.E. Kleiner, MD, PhD, B.V. Naini, MD, R.K. Pai, R. Rangelov, MD, R. Saxena, MD, Mbbs, FRCP, N. Shafizadeh, MD, H.L. Stevenson-Lerner, MD, PhD, S.N. Thung, MD, H.L. Wang, MD, PhD, <u>K.W. Wen, MD, PhD</u> , <u>S. Kakar, MD</u> Porto-sinusoidal Vascular Disease: Survey-based Analysis of the Usage and Drawbacks of this Newly Proposed Terminology #149 |
| A.M. Bensen, MD, S. Hu, MD, PhD, <u>WT. Chi, MD, PhD</u> , D. Zhang, MD, PhD, X. Liao, MD, PhD Histologic Features of Liver Biopsies in Patients with Hemophagocytic Lymphohistiocytosis: A Multi-Institutional Study of 16 Cases #155 |
| <u>S. Perez, MD</u> , O.O. Kizikaya, MS, I. Caliskan, MD, MSc, K. Mirichia, MD, A.W. Bollen, MD, A. Perry, MD, M. Pekmezci, MD PRAME can Differentiate Primary Meningeal Melanomas from Malignant Melanotic Nerve Sheath Tumors #320 |
| <u>S. Gultekin, MD</u> , Y. Koy, MD, <u>M. Pekmezci, MD</u> , N. Yeldir, MD, F. Soylemezoglu, MD, T. Tihan, MD, PhD, S.H. Gultekin, MD, O.V. Kilic, MD, B.B. Babaoglu, MD Clinicopathology Features of Central Nervous System Papillary Craniopharyngioma: Higher Progression Rate than Expected for a WHO Grade 1 Neoplasm #323 |

USCAP UCSF Master Schedule contd.

Monday, contd.

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| 9:30 AM - 12:00 PM | Stowell-Orbison Poster Session | I. Caliskan, MD, MSc, C.R. Cadwell, MD, PhD, S. Perez, MD, A. Horvai, MD, PhD, A. Perry, M. Pekmezci, MD SSTR2A is Positive in a Subset of Malignant, but not Benign, Peripheral Nerve Sheath Tumors #325 |
| | | K. Liu, MD, W.P. Devine, MD, PhD, G.E. Kim, MD, A.C. Tam, MD Diagnosing Alagille Syndrome in Children with Varying Combinations of Histologic, Genetic, and Clinical Features #246 |
| | | M.J. Zunitch, MD, PhD, N. Khorsandi, MD, MPH, V. Walavalkar, MD, YY. Chen, MD, PhD, S.E. Umetsu, MD, PhD, C. Espiritu, MBA, BS, S. Evans, BS, G.Z. Laszik, MD, PhD Implementation and Impact of Digitally-Optimized Histology #72 |
| | | X. Liu, MD, PhD, D. Bahceci, MD, E. Nguyen, MD, PhD, S. Kakar, MD Impact of Molecular Testing on Diagnostic Accuracy and Amendment Rates in Liver Tumor Cases #84 |
| 12:00 PM - 1:00 PM | Exhibitor Seminar Epredia | Timothy H. McCalmont, MD From Stacks to Racks: My Journey to Digital Pathology |
| 12:30 PM - 1:00 PM | Special Course: Gynecologic and Obstetric Pathology A 360 Degree View of Neoplastic Gynecologic Pathology Encompassing Diagnostics and Ancillary Testing | Joseph T. Rabban III, MD, MPH FIGO 2023 Staging of Endometrial Carcinomas |
| 1:00 PM - 1:15 PM | Platform Session: Gastrointestinal Pathology | R.S. Gonzalez, MD, P. Toro, MD, M.D. Lacambra, MD, I. Abukhiran, MBBS, D. Christensen, DO, H. Surakji, MD, A. R. Huber, DO, A.D. Polydorides, MD, PhD, X. Xu, Do, N.C. Panarelli, MD, R. Mannan, MD, MBBS, W. Luo, MD, PhD, X. Zhang, MD, PhD, P.A. Bejarano, MD, M. Lisovsky, MD, PhD, K.E. McHugh, MD, W. Chen, MD, PhD, J. Vazzano, MD, M.B. Loughrey, MD, FRCPath, M. Westerhoff, MD, W. Adeyi, MBBS, B.K.A. Aldaraiseh, MBBS, O. Yilmaz, MD, L. Alperit, MD, M.L. Zhang, MD, K.M. Stashek, MD, D.I. Suster, C.C. Simoes, MD, WT. Choi, MD, PhD, W. Chen, MD, X. Zhang, MD Anal Adenocarcinomas: Pathologic Evaluation of 91 Cases Demonstrates Few Clinically Relevant Differences Among Subtypes |
| 2:00 PM - 2:15 PM | Platform Session: Genitourinary Pathology (including renal tumors) | K. Tanaka, MD, MFA, CK.C. Ding, MD, PhD, N.Y. Greenland, MD, PhD, B. Stohr, MD, PhD, J. Simko, MD, PhD, D. Sirohi, MD Immunohistochemical Profile of Molecularly Verified Clear Cell Renal Cell Carcinomas |
| 1:00 PM - 4:30 PM | Poster Session II: Bone and Soft Tissue Pathology | W.P. Devine, MD, PhD, D. Bahceci, MD, A. Horvai, MD, PhD The Genomic Landscape of Epithelioid Angiosarcoma: Frequent RTK-RAS-MAPK Pathway Alterations #71 |
| | Poster Session II: Breast Pathology | T.T.A. Nguyen, MD, J. Zhang, J. Iqbal, MD, PhD, S.S. Ahmed, MD, Y. Liu, MS, Bsc, L. Yang, MD, PhD, G. Zhang, MD, MPH, H. Guo, MD, MS, S. Wei, MD, PhD, I. Agarwal, MD, P. Siziopikou, MD, PhD, S. Yasmeen, MD, T. Khoury, MD, D. Ai, MD, PhD, H. Deng, rer, nat, Y. Liu, PhD, L. Peng, PhD, YY. Chen, MD PhD, Y. Hou, MD, PhD, X. Li, MD, PhD, B. Ning, MD, MS Clinicopathologic Evaluations of 500 Cellular Fibroadenoma, Benign and Borderline Phyllodes Tumors Indicate the Current Classification May Not Have Clinical Implications #9 |
| 1:00 PM - 4:30 PM | Poster Session II: Cytopathology | G. Deffereos, MD, E. Khanafshar, MD, MS, G.Z. Laszik, MD, PhD Performance of the Hamamatsu NanoZoomer S360 on Cytopathology Specimens, Using Multifocal Scanning #33 |
| | | J. Ye, MD, PhD, N. Goldhammer, PhD, P. Vohra, MD, C. Park, BA, C.M. Rodas, BS, M. Moasser, MD, S.E. Abe, MD, M. Alvarado, MD, C. Ewing, MD, K. Goodwin, DO, R.S. Mukhtar, MD, J. Wong, MD, L. Esserman, MD, R. Balassanian, MD, J. Rosenbluth, MD, PhD Fine Needle Aspiration Biopsy of Breast Specimens Effectively Harvests Cells for Patient-Derived Organoids Modeling Breast Ductal Carcinoma In Situ #39 |
| | | L. Trabzonlu, MD, D. Loneman, MD, L. Yuen, MD, PhD, Z. Ghorab, MD, D. Gratzinger, MD, PhD, C.J. Zhou, BS, I.E. Obiorah, MD, PhD, C.J. Su, MD, PhD, S. Zadeh, MD, M.M.R.A. Aldhuhoori, MD MBBS, N. Khorsandi, MD, MPH, R. Santoscoy- Valencia, MD, R. Ruiz-Cordero, MDO, Lin, MD, PhD, R. Peerani, MD, PhD, FRCPC, R.S. Goswami, MD, PhD, S.R. Long, MD, S.J. Wu, MD, PhD, A. Ly, MD, J.R. Menke, MD Contribution of Rapid On-Site Evaluation for Lymphoma Diagnosis in Head and Neck Lymph Node Fine Needle Aspiration Biopsies: A Multi-Institutional Report #45 |
| | Poster Session II: Dermatopathology | Z. Barbat, MD, MSc, T. Mully, MD, L. Pincus, MD MTAP Deficiency in Early-Stage Mycosis Fungoides #60 |
| | Poster Session II: Education | T. Laohawetwanit, MD, S. Kakar, MD Comparison of ChatGPT-Generated and Expert-Created Multiple-Choice Questions in Liver Tumor Pathology: Evaluating Quality and Suitability for Pathology Trainees #114 |
| | Poster Session II: Pediatric and Perinatal Pathology | K. Liu, MD, W.P. Devine, MD, PhD, S.J. Cho, MD, PhD, A. Rangaswami, MD, G.E. Kim, MD, R.C. Gallagher, MD, PhD, T. Sirota, NP Unusual Hepatic Findings in 11 Patients with Ornithine Transcarbamylase Deficiency #210 |
| | | K. Liu, MD, W.P. Devine, MD, PhD, S.E. Umetsu, MD, PhD, G.E. Kim, MD Correlation of ATP7B Mutation Status and Metallothionein Immunohistochemical Stain in Wilson Disease #211 |
| 1:45 PM - 2:00 PM | Platform Session: Cytopathology | D. Sirohi, MD, B. Stohr, MD, PhD, R. Balassanian, MD, R. Aggarwal, MD, CK.C. Ding, MD, PhD, E. Chan, MD, PhD, N.Y. Greenland, MD, PhD The Utility of Next-Generation Sequencing in Metastatic Prostate Cancer Fine-Needle Aspiration Biopsies |
| 1:45 PM - 2:00 PM | Platform Session: Gastrointestinal Pathology | D. Bahceci, MD, R.K. Pai, MD, PhD, I.S. Brown, MD, J. Misraji, MD, P. Kumarasinghe, MD, S. Kakar, MD, GY. Lauwers, MD, D. Wang, PhD, WT. Choi, MD, PhD Interobserver Variability in Histologic Evaluation of Serrated Epithelial Change in Inflammatory Bowel Disease: A Comparison of Two Different Definitions |
| 2:00 PM - 2:15 PM | Platform Session: Quality and Patient Safety | M.J. Zunitch, MD, PhD, N. Khorsandi, MD, MPH, V. Walavalkar, MD, YY. Chen, MD, PhD, S.E. Umetsu, MD, PhD, C. Espiritu, MBA, BS, S. Evans, BS, G.Z. Laszik, MD, PhD Implementation and Impact of Digitally-Optimized Histology |
| 2:15 PM - 2:30 PM | Platform Session: Education | J. Cao, MD, D. Gondim, MD Insights into Implementing a Pathology Trainee Report Feedback System Integrated with Digital Pathology |

USCAP UCSF Master Schedule contd.

Monday, contd.

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| 2:30 PM - 2:45 PM | Platform Session: Pathology of the Pancreas, Gallbladder, Ampulla, and Extra-Hepatic Biliary Tree | R. Esmer, BS, E.E. Dokuyucu, MD, BA, Z. Tarcan, MD, P. Bagci, MD, E. Bozkurtlar, MD, S. Balci, MD, N. Ohike, MD, K. Jang, MD, M.D. Reid, MD, MSc, A.M. Krasinskas, MD, D. Kooby, MD, J.M. Sarmiento, MD, B. Saka, MD, B. Pehlivanoglu, MD, PhD, Y. Xue, MD, PhD, G.E. Kim, MD , O. Basturk, MD, N.V. Adsay, MD Site-Specific Subcategorization of Ampullary Carcinomas: Focused Grossing Achieves More Specific Classification Accentuates the Distinct Clinicopathologic Characteristics of the Subsets |
| 3:00 PM - 4:00 PM | USCAP Business Meeting | |
| 3:39 PM - 3:46 PM | Moderated Posters Gynecologic and Obstetric Pathology | Natalia Sanchez, MD A Prospective Clinical Workflow to Maximize Detection of Partial Hydatidiform Mole by Genotype Testing of Products of Conception with Known Fetal Triploidy Regardless of Chorionic Villi Morphology |
| 7:00 PM - 7:30 PM | Evening Specialty Conference: Pulmonary Pathology | Kirk Jones, MD Educational Cases in Thoracic Pathology |
| Tuesday, 3/25 | | |

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| 8:45 AM - 9:00 AM | Platform: Informatics | T. Chakravarty, MD, MSc , H. Lee, Do, MS, J.P. Grenert, MD, PhD, W.P. Devine, MD, PhD, C. Onodera, PhD, J. Simko, MD, PhD, D. Sirohi, MD Detailed Analysis of MSLsensor2 Signatures of Endometrial Endometrioid Carcinomas with Next Generation Sequencing |
| 9:00 AM - 9:15 AM | Platform: Neuropathology and Ophthalmic Pathology | P. Nagarajan, MD, PhD, M. Knafli, MS, S.D. Hernandez, MD, L.M.S. Soto, MD, M. Jian, BA, S. Woodman, MD, PhD, P. Gill, MD, FRCPC, M.T. Tetzlaff, MD, PhD , B.R.P. Cuentas, MD, PhD, B. Esmaeli, MD Conjunctival Melanoma: Correlation of Clinicopathologic Features and Tumor-Infiltrating Inflammatory Cells |
| 11:30 AM - 11:45 AM | Platform: Cytopathology | N. Khorsandi, MD, MPH , M.M.R.A. Aldhuhoori, MD, MBBS, Z. Ghorab, MD, R.S. Goswami, MD, PhD, D. Gratzinger, MD, PhD, A. Ly, MD, I.E. Obiorah, MD, PhD, R. Peerani, MD, PhD, FRCPC, R. Ruiz-Cordero, MD, R. Santoscoy-Valencia, MD, L. Trabzonlu, MD, C.J. Su, MD, PhD, S.J. Wu, MD, PhD, C.J. Zhou, BS , L. Yuen, MD, PhD, S.R. Long, MD , J. Menke, MD Cytopathology and Hematopathology Review of Head and Neck Biopsy Specimens with a Diagnosis of Lymphoma |
| 11:30 AM - 11:45 AM | Platform: Gynecologic and Obstetric Pathology | M. Luu, BA , R. Levy, MD, A.G. Cassidy, MD, L. Poder, MD, LM. Chen, MD, J.T. Rabban III, MD, MPH Correlation Between FIGO 2019 Clinical Grade and International Pathology 2020 Grade of Placenta Accreta Spectrum Disorder in Hysterectomies Using an Enhanced Specimen Evaluation Protocol Identifies Opportunities for Improved Pre-operative Risk Stratification |
| 11:45 AM - 12:00 PM | | L. Warren, MD, PhD, L.J. Tafe, MD, W.P. Devine, MD, PhD, J.T. Rabban III, MD, MPH Availability of Short Tandem Repeat (STR) Genotype Testing for Partial Mole Diagnosis at Academic and Commercial Laboratories in the US is Limited |
| 9:30 AM - 12:00 PM | Poster Session III: Endocrine Pathology | V. Krishnan, MD , W.P. Devine, MD, PhD, E. Khanafshar, MD, MS Squamoid Foci in Papillary Thyroid Carcinoma with TERT promoter mutations #37 |
| | Poster Session III: Gastrointestinal Pathology | D. Balitzer, MD , N.M. Joseph, MD, PhD, S.E. Umetsu, MD, PhD Low-Risk HPV Positive Giant Anal Condylomas Harbor Recurrent Alterations in TERT promoter, TP53, and CDKN2A #60 |
| | | H.M. Ko, MD , W.T. Choi, MD, PhD, S.T.G. Hammer, MD Clinicopathologic Features of Severe Congenital Neutropenia Associated Inflammatory Bowel Disease #69 |
| | | D. Sandoval-Haglund, BA , D. Balitzer, MD Clinicopathologic Features of Colorectal Endometriosis: Pre-operative Diagnostic Pitfalls #86 |
| | Poster Session III: Genitourinary Pathology (including Renal Tumors) | N.G. Sanchez, MD , B. Stohr, MD, PhD, CK.C. Ding, MD, PhD, N.Y. Greenland, MD, PhD, J. Simko, MD, PhD, D. Sirohi, MD DNA Damage Repair Mutations in Renal Cell Carcinomas #124 |
| | | N. Kayraklioglu, MD, PhD , L. Zhang, PhD, CK. C. Ding, MD, PhD, N.Y. Greenland, MD, PhD, B. Stohr, MD, PhD, V.S. Koshkin, MD, J. Simko, MD, PhD, D. Sirohi, MD Correlation of the Degree of Pleomorphism and Lymphocytic Infiltration with Tumor Mutational Burden in High-Grade Urothelial Carcinoma #130 |
| | Poster Session III: Liver Pathology | V.D. Paredes, MD, S. Hu, MD, PhD, L. Zhao, MD, PhD, L.D. Ferrell, MD , D. Jain, MD, N. Sefia, MD, J.A. Hart, MD Expanding the Spectrum of Inherited Cholestatic Diseases: Heterozygous Pathogenic Variants in ABCB11, ATP8B1, and ABCB4 in a Subset of Segmental Cholangitis Patients #95 |
| | | A. Shalaby, MD, W. Zheng, MD, PhD, M.L. Zhang, MD, Z. Tarcan, MD, S.J. Ballentine, MD, J. Nguyen, MD, MS, F. Obeidin, MD, S. Hu, MD, PhD, A.X. Du, MD, A.M. Anzar, E. Guney, MD , S. Schechter, MD, C.U.U. Corvera, MD, H. Lee, MD, X. Liu, MD, PhD, Z. Yang, MD, PhD, D. Balitzer, MD , X. Zhang, MD, PhD, Y. Liu, MD, PhD, X. Liao, MD, PhD, M. Westerhoff, MD, O. Basturk, MD, H. Jiang, PhD, Y. Xue, MD, PhD Primary Hepatic Solitary Fibrous Tumors: A Multi-Institutional Study on Clinicopathologic Characteristics and Risk Stratification #106 |
| | Poster Session III: Quality and Patient Safety | G.C. de Castro, MD , S. Kakar, MD Handling Diagnostic Discrepancies Encountered in the Research Setting: Weighing Options Based on Pathology Faculty Survey #220 |
| | Poster Session III: Breast Pathology | A.Y. Xiao, MD , P. Vohra, MD, YY. Chen, MD, PhD, J. Geradts, MD HER2 Protein Expression in Breast Cancer: A Reproducibility Study of Manual Scoring of Slides versus Digital Images and Correlation with Amplification Status by FISH #2 |
| 10:02 AM - 10:09 AM | Moderated Posters Liver, Cardiovascular, and Pulmonary Pathology | C. Gasper, MD , R.E. Villaverde, MD Non-Neuroectodermal Tissue in Mature and Immature Teratomas #136 |
| | | M. Thompson, BS , J.R. Rabban III, MD, MPH Serous Tubal Intraepithelial Carcinoma (STIC) and Tubal High Grade Serous Carcinoma (HGSC) in Fallopian Tubes Altered by Hydrosalpinx or Tubal Ligation: Implications for Tissue Sampling and Tumor Staging #158 |
| 12:00 PM - 1:00 PM | Hot Topic: What You Need to Know to Establish a Contemporary and Correct Diagnosis of CNS Neoplasms | N.E. Albayrak, MD , D. Jain, MD, M. Torbenson, MD, O. Adeyi, MBBS, A.M. Bellizzi, MD, D. Chatterjee, MD, M.I. Fiel, MD, MS, R.M. Gill, MD, PhD , R.S. Gonzalez, MD, M. Guindi, MD, FRCPC, J.A. Hart, MD, G.E. Kim, MD , D.E. Kleiner, MD, PhD, B.V. Naini, MD, R.K. Pai, R. Rangelov, MD, R. Saxena, MD, Mbbs, FRCPath, N. Shafizadeh, MD, H.L. Stevenson-Lerner, MD, PhD, S.N. Thung, MD, H.L. Wang, MD, PhD, K.W. Wen, MD, PhD , S. Kakar, MD Porto-sinusoidal Vascular Disease: Survey-based Analysis of the Usage and Drawbacks of this Newly Proposed Terminology |
| | | Melike Pekmezci, MD |

USCAP UCSF Master Schedule contd.

Tuesday, contd

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| 1:00 PM - 2:30 PM | IM28: Liver Pathology | <u>Sanjay Kakar, MD</u> Liver Tumors: Judicious Use of Immunohistochemical and Genomic Tools to Unravel the Mysteries of Neoplastic Liver Lesions |
| 1:00 PM - 4:30 PM | Poster IV Session: Gastrointestinal Pathology | <u>N. Shaker, MD, MS</u> , N. Shaker, Prof, PhD, H.S. Arafat, <u>N. Shaker, MD, MSH</u> , K.M. Smith, BA, A.D. Singhi, MD, PhD Integrating Immune Metrics for Enhanced Colorectal Cancer Prognosis in the Era of AI #108 |
| | Poster IV Session: Bone and Soft Tissue Pathology | <u>C. Saoud, MD</u> , A.E. Sharma, MD, J. Benhamida, MD, N. Agaram, MBBS, L. Villafania, MSc, <u>A. Horvai, MD, PhD</u> , J.C. Farburg-Smith, MD, C. Morris, MD, MS, C.M. Vanderbilt, MD, R. Cimeria, MS, Y. Zhang, MD, M.R. Hameed, MD Single-Nucleotide Polymorphism Array and DNA Methylation Analysis in Epithelioid Osteoblastoma and Osteoblastoma-like Osteosarcoma: A Comparative Study #71 |
| | Poster IV Session: Breast Pathology | <u>E. Douglass, PhD</u> , X. Li, MD, PhD, W.F. Bastian, Bsc, Z. Li, MD, PhD, MBA, J. Meisel, MD, JH Lee, PhD, MS, <u>N. Shaker, MD, MSH</u> Cyber-Dissect: Spatial logic reconciles gene-signatures methods in Triple Negative Breast Cancer #217 |
| | Poster IV Session: Pathobiology and Emerging Techniques | H. Rafiq, MD, I. Mansoor, MD, S. Shams, M. Assad, N/A, F. Bibi, A. Wadood, A. Haque, Dr, N. Shaker, MD, MS, M.I. Naseer, <u>N. Shaker, MD, MSH</u> Therapeutic Potential of Novel STAT3 Inhibitor Compounds in CCl4-Induced Liver Fibrosis: Experimental Integration of Biomolecular Dynamic Modeling, Histopathological Features, and Gene Expression Analyses #129 |
| | Poster IV Session: Pathology of the Pancreas, Gallbladder, Ampulla, and Extra-Hepatic Biliary Tree | <u>S. Karaaslan, MD, PhD</u> , X. Liu, MD, PhD, U Kang, MD, PhD, D. Zhang, MD, PhD, I.A. González, MD, R.S. Gonzalez, MD, X. Zhang, MD, PhD, X. Wang, MD, PhD, X. Liao, MD, PhD, Z. Yang, MD, PhD, L. Wang, MD, PhD, M. Westerhoff, MD, J. Cheng, MD, H.L. Wang, MD, PhD, W. Yu, MD, <u>WT Choi, MD, PhD</u> , Y. Xue, MD, PhD, A.M. Anzar, MD, L. Alpert, MD, R. Sekhri, MD, P. Toro, MD, O. Basturk, MD, N.V. Aday, MD, J.R. Sweeney, MD, X. Zhang, MD, S. Hu, MD, PhD, D. Allende, MD Pancreatobiliary and Ampullary Mixed Neuroendocrine Non-neuroendocrine Neoplasms: Any Percentage of Neuroendocrine Carcinoma is Aggressive #136 |
| 1:15 PM - 1:30 PM | Platform: Gastrointestinal Pathology | <u>R. Sekhri, MD</u> , X. Liu, MD, PhD, U Kang, MD, PhD, D. Zhang, MD, PhD, I. A. González, MD, R. S. Gonzalez, MD, X. Zhang, MD, PhD, X. Wang, MD, PhD, X. Liao, MD, PhD, Z. Yang, MD, PhD, L. Wang, MD, PhD, M. Westerhoff, MD, J. Cheng, MD, H. L. Wang, MD, PhD, W. Yu, MD, <u>WT Choi, MD, PhD</u> , Y. Xue, MD, PhD, A.M. Anzar, MD, L. Alpert, MD, P. Toro, MD, S. Karaaslan, MD, PhD, J. R. Sweeney, MD, X. Zhang, MD, D. Allende, MD, S. Hu, MD, PhD Gastrointestinal Neuroendocrine Carcinoma Associated with Adenoma: A Tumor More Aggressive than Neuroendocrine Carcinoma Mixed with Adenocarcinoma |
| 2:00 PM - 2:15 PM | | <u>G.C. de Castro, MD, K.W. Wen, MD, PhD</u> Highly Skewed Immunohistochemical aB:Y6 Ratios for T-Cell Receptors Can Be Detected in Reactive Duodenal Biopsies: A Potential Pitfall in the Diagnosis of T-Cell Lymphoma |
| 3:25 PM - 3:32 PM | Moderated Posters Breast and Bone and Soft Tissue Pathology | <u>G.C. de Castro, MD</u> , G. Krings, MD, PhD, <u>W.P. Devine, MD, PhD, R. Lin, BA</u> , E.M. Hosfield, MD, E.R. Shamir, MD, PhD, <u>YY. Chen, MD, PhD</u> Clinicopathologic and Genomic Characterization of Breast Neuroendocrine Tumors |
| 3:00 PM - 4:30 PM | IAP Education Symposium: The Morphology / Molecular Global Divide: The Challenge to Keep Pathology Classification Systems Relevant Across All Resource-Levels | Moderator: Joseph T. Rabban, III, MD, MPH |

Wednesday, 3/26

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| 9:30 AM - 12:00 PM | Poster Session V: Liver Pathology | <u>N.E. Albayrak, MD, T. Law, MD, K.W. Wen, MD, PhD</u> Noninvasive Fibrosis Markers Can Falsely Predict the Stage of Liver Fibrosis in Post-Transplant Setting #92 |
| | Poster Session V: Gastrointestinal Pathology | <u>R. Yousef, MBBSCh, K.W. Wen, MD, PhD</u> , Z. Alipour, MD, S. Hu, MD, PhD, S. Schechter, MD, J. Cheng, MD, I.A. González, MD Eosinophil-rich Esophagitis Pattern in Patients with Allogenic Hematopoietic Stem Cell Transplantation: A Multicenter Experience #46 |
| | Poster Session V: Gastrointestinal Pathology | <u>H. Li, MD, PhD</u> , R.R. Pacheco, MD, X. Wang, MD, M.E. Arslan, MD, M. Alawad, MD, P. Dhorajiya, MD, M.J. Lee, MD, <u>WT Choi, MD, PhD</u> , D. M. Karamchandani, MD, Z. Yang, MD, PhD, S.M. Lagana, MD, H. Lee, MD Interrater and Intergruop Variability in Colorectal Mass Biopsy Interpretation: Implications for Gastrointestinal Pathology Fellowship Training #48 |
| | Poster Session V: Genitourinary Pathology (including renal tumors) | <u>J. Dhilon, MD</u> , A. Lobo, MD, M. Akgul, MD, A.M. Acosta, MD, V. Chumbalkar, MD, MBBS, A. Vosoughi, MD, H. Xu, MD, PhD, H.A. Al-Ahmadie, MD, K.I. Al-Obaidy, MD, M.B. Amin, MD, MD, M. Aron, MD, S. Arora, MD, P. Ayyanar, MD, N. Bakshi, MD, B.L. Balzer, MD, PhD, A. Bardia, MD, P. Baweja, MD, I. Chakrabarti, MD, MBBS, FIAc, L. Cheng, MD, A. Cima, MD, M. Colecchia, MD, K. Collins, MD, E.M. Compérat, MD, PhD, D.Das, MD, MBBS, M. Dixit, MD, M.K. Downes, MD, FRCPC, P.A. Elhence, MD, MD, J. Epstein, MD, L.A. Galea, FRCPC, J.S. Gandhi, MD, G.A. Giannico, MD, J.B. Gordetsky, MD, G. Gupta, Dr, MD, MBBS, N. Gupta, MBBS, DNB, A. Haider, MD, FRCPath, D.E. Hansel, MD, PhD, A. Hartmann, MD, C. Ho-Yen, PhD, MBChB, FRCPath, K.A. Iczkowski, MD, E. Jain, Dr, MD, R. Jain, Dr, MD, S. Jha, MD, CS Kao, MD, S. Kaushal, MD, G. JIH van Leenders, MD, PhD, K. Ienka, MD, J.I. Lopez, MD, PhD, A. Lopez-Beltran, MD, D.J. Luthringer, MD, F.M. Maclean, Dr, MBBS, C. Magi-Galluzzi, MD, PhD, V. Malik, Dr, MD, C. Manini, MD, G. Martignoni, MD, B.A. Mehta, Dr, MD, S. Menon, Prof, MD, MBBS, S. Misra, Dr, MD, S. Mohanty, MD, R. Montironi, Prof, MD, S. Nayak, MD, Pathology, MD, J.K. Nguyen, MD, PhD, C. Ntala, MD, PhD, P. Oliveira, MD, A.O. Osunkoya, MD, S. Patil, MD, M.M. Picken, MD, PhD, D. Prachi, MD, D. Pradhan, MD, S. Prendeville, MD, FRCPath, F.J. Queipo, MD, G.M. Quiroga-Garza, MD, B.V. Rao, Sr., MD, P. Rao, MD, M.R. Raspollini, MD, PhD, S.R. Sabnis, Dr, MD, S. Sanchefti, MD, MBBS, D.F. Sanchez, MD, J. Sarungbam, MD, R. Satarkar, MD, S. Satturwar, MD, N.K.M.A. Sayyed, MD, R.B. Shah, MD, I. Sharma, MD, N. Sharma, Dr, MD, S. Sharma, DCP, DNB, <u>D. Sirohi, MD</u> , P. Sobti, MD, S. Soni, Dr, MD, S. Sreeram, MD, S. Sundaram, DR, MD, P. Tamboli, MBBS, N. Tanveer, MD, MBBS, S.K. Tickoo, MD, A. Tiwari, Dr, PhD, R. Tomar, MD, MD, M. Tretiakova, MD, PhD, K. Trpkov, MD, FRCPC, T. Tsuzuki, MD, PhD, J. Warick, MD, M. Zhou, MD, PhD, A.R. Sangoi, MD, S.R. Williamson, MD, S.K. Mohanty, MD Current Reporting Trends, Practices, and Resource Utilization in Penile Cancer: A Survey among Genitourinary Pathologists #116 |
| | Poster Session V: Genitourinary Pathology (including renal tumors) | <u>K.A. Iczkowski, MD</u> , S.J. Callis, MS, F. Almutairi, MD, A. Chatzitolios, MD, O. Kravtsov, MD, M.S. Lenon, MD, V. Manucha, MD, <u>J. Simko, MD</u> , PhD, S. Cornelia, Dr, MBBS, Y.A. Yeh, MD, PhD, L. Zhang, MD, PhD, I.W. Thompson, MBChB, FRCPath, C.M. Tangen, DrPH, M.S. Lucia, MD Digital Whole-Slide Inter-Observer Concordance of Contemporary Prostatic Biopsy Grading #122 |
| | Poster Session V: Genitourinary Pathology (including renal tumors) | <u>G.J. Chan, MD, MS</u> , <u>D. Sirohi, MD, CK.C. Ding, MD, PhD</u> , <u>J.E. Cowan, MA, P. Carroll, MD, MPH</u> , <u>B. Stohr, MD, PhD</u> , E. Chan, MD, PhD, <u>N.Y. Greenland, MD, PhD</u> Evaluation of Atypical Intraductal Proliferation in Patients with Grade Group 1-2 or No Invasive Cancer on Prostate Biopsies including Decipher, PTEN and Subsequent Biopsy/Radical Prostatectomy Follow-up #138 |

USCAP UCSF Master Schedule contd.

Wednesday, contd

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| 9:30 AM - 12:00 PM | Poster Session V: Genitourinary Pathology (including renal tumors) | N. Kayraklioglu, MD, PhD, D. Sirohi, MD, J.E. Cowan, MA, P. Carroll, MD, MPH, B. Stohr, MD, PhD, CK.C. Ding, MD, PhD Molecular, Morphologic, and Immunohistochemical Characteristics of Tumors in Patients on Active Surveillance for Low Grade Prostatic Adenocarcinoma Who Developed Metastasis #144 |
| | Poster Session V: Gynecologic and Obstetric Pathology | E. Alzayadneh, MD, S. Yanko, MD, M.E. Dibbern, MD, J.T. Rabban, III, MD, MPH, A.M. Mills, MD HER2 and FOLR1 Expression in Mesonephric and Mesonephric-Like Adenocarcinomas in the Gynecologic Tract #172 |
| | Poster Session V: Gynecologic and Obstetric Pathology | J.T. Rabban, III, MD, MPH, N. Shaker, MD, MSH Uterine Adhesiolysis Specimens for Asherman Syndrome Rarely Exhibit Morphological Evidence of Intrauterine Adhesions, Suggesting the Syndrome is Best Viewed as a Clinical-based Diagnosis Rather Than as a Pathological-based Diagnosis #194 |
| | Poster Session V: Quality and Patient Safety | A.H. Kimambo, MD, E. A.M. Vuhahula, MD, E. J. Mmbaga, MD, PhD, B.M. Baraka, Dr, MD, MSc, Mmed, A.E. Malango, MD, K. Van Loon, MD, MPH, D.L. Ng, MD Barriers and Facilitators for Implementing Ultrasound Guided Fine Needle Aspiration and Rapid On-Site Evaluation in a Resource Limited Setting #261 |
| 10:00 AM - 11:30 AM | Short Course 56: Gastrointestinal Pathology | Sarah E. Umetsu, MD, PhD & Kwun W. Wen, MD, PhD Beyond Appendicitis: Appendiceal Pathologies that you can't Miss, with a Focus on WHO and AJCC updates |
| 1:00 PM - 4:00 PM | Poster Session VI: Informatics | N. Shaker, MD, MSH, S. Niu, MD, PhD, MS, H. Blankenship, MD, N. Shaker, MD, MS, H.S. Ararat, A. Yones, Eng, Bsc, R. Sbenaty, Bsc, M. Shaker, MSc, N. Shaker, Prof, PhD, O. Sanguenza, MD Artificial Intelligence-Driven Detection of Micro and Macro Metastasis of Cutaneous Melanoma to Lymph Nodes #239 |
| | Poster Session VI: Genitourinary Pathology (including renal tumors) | CK.C. Ding, MD, PhD, L.D. Oliveira, MD, S.N. Abadchi, MD, E. Erak, MD, N. Chattopadhyay, MSc, U. Joshi, MD, N. Singhal, MS, O.N. Kryvenko, MD, A.M. De Marzo, MD, PhD, T.L. Lotan, MD Artificial Intelligence-based Detection of Primary Small Cell Carcinoma of Prostate #151 |
| | Poster Session VI: Gynecologic and Obstetric Pathology | N.G. Sanchez, Dr., MD, P. Samghabadi, MD, C. Gasper, MD HPV mRNA ISH Staining Patterns in Benign and Reactive Squamous Epithelium Correlate with HPV Genotyping and p16 Immunostaining #197 |
| | Poster Session VI: Gynecologic and Obstetric Pathology | N. Khorsandi, MD, MPH, P. Samghabadi, MD, C. Gasper, MD Immunocompetency Status and its Association with Multifocal Lower Anogenital Tract Dysplasia #198 |
| | Poster Session VI: Head and Neck Pathology | M.J. Zunitch, MD, PhD, A. van Zante, MD, PhD, V. Krishnan, MD Elucidating Tumor Cell States in Olfactory Neuroblastoma #94 |
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| Thursday, 3/27 | | |
| 12:00 PM - 1:00 PM | Hot Topic: The Hottest Topics in Breast Pathology! | Yunn-Yi Chen, MD, PhD |