## USCAP 2022 Itinerary for OSU Presentations

### Sunday March 20, 2022

**American Association for Cancer Research**
LACC 515 b
10:30 AM - 12:30 PM

*Rhinocytic Applications: Applications of Informatics, Digital Pathology and Artificial Intelligence*
11:05 AM - 11:35 AM
*Anil V. Parwani, The Ohio State University*

### Monday March 21, 2022

**Platform - Monday AM - Breast Pathology**
LACC Pettree Hall D
8:00 AM - 12:00 PM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:15 AM - 9:30 AM</td>
<td><strong>Expression of TRPS1, SOX10 and GATA3 in Different Subtypes of Metaplastic Breast Carcinoma</strong></td>
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<tr>
<td></td>
<td>Esther C. Yoon, The University of Texas MD Anderson Cancer Center; <em>Zhao Li, The Ohio State University Wexner Medical Center</em>; Lei Huo, The University of Texas MD Anderson Cancer Center; Qiong Gan, The University of Texas MD Anderson Cancer Center; Lavinia P. Middleton, The University of Texas MD Anderson Cancer Center; Ayseguil Sohan, The University of Texas MD Anderson Cancer Center; Qingqing Ding, The University of Texas MD Anderson Cancer Center</td>
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<tr>
<td>11:30 AM - 11:45 AM</td>
<td><strong>Clinicopathologic Predictors of Clinical Outcomes in Mammary Adenoid Cystic Carcinoma: A Multi Institutional Study</strong></td>
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<td>Thoer Khoury, Roswell Park Comprehensive Cancer Center; Marlin Rosa, H. Lee Moffitt Cancer Center &amp; Research Institute; Anupma Nayak, Perelman School of Medicine at the University of Pennsylvania; Rouzan G. Karabakhian, Montefiore Medical Center - Einstein Campus; Oluwale Fadare, UC San Diego School of Medicine; <em>Zhao Li, The Ohio State University Wexner Medical Center</em>; Bradley M. Turner, University of Rochester Medical Center; Yisheng V. Fang, UT Southwestern Medical Center; Asangi Rashmi Kumarapeli, Summa Health; Xiaoxian Li, Emory University; Tatsiana M. Villatoro, University of Pittsburgh Medical Center; Numbereye Numbere, University of Rochester Medical Center; Jigang Wang, The Affiliated Hospital of Qindao University; Saed Rahmat Sadeghi, Albert Einstein College of Medicine, Montefiore Medical Center; Li Yan, Roswell Park Comprehensive Cancer Center; Wanqing Tian, Roswell Park Comprehensive Cancer Center; Rohit Bhargava, UPMC Magee-Womens Hospital</td>
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**Platform - Monday AM - Genitourinary Pathology (including Renal Tumors)**
LACC 403 B
8:00 AM - 12:00 PM

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<tr>
<th>Time</th>
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<tr>
<td>9:00 AM - 9:15 AM</td>
<td><strong>Molecular Characterization of Clear Cell Adenocarcinoma of the Urinary Bladder</strong></td>
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<td></td>
<td>Sambit K. Mohanty, Advanced Medical and Research Institute; Anandi Lobo, Kapoor Centre of Urology and Pathology; Mahmud Akgul, Albany Medical Center; Shilpy Jha, Advanced Medical and Research Institute; Niharika Pattnaik, Advanced Medical and Research Institute; <em>Bindu Challa, The Ohio State University Wexner Medical Center</em>; Manas Baisak, Apollo Hospitals; Shivani Sharma, Core Diagnostics; Rushi Sardana, Advanced Medical Research Institute and Hospital; Aditi Aggarwal, Core Diagnostics; <em>Nada Shaker, The Ohio State University</em>; Seema Kaushal, All India Institute of Medical Sciences; Nakul Yogesh Sampat, Advanced Medical and Research Institute; <em>Anil V. Parwani, The Ohio State University</em>; Sean R. Stark</td>
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**Stowell-Orbison/Surgical Pathology/Autopsy Award Poster Session**
LACC West Exhibit Hall A
9:30 AM - 12:00 PM

<table>
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<tr>
<th>Poster Session</th>
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<tr>
<td>PD-L1 (SP142) Immunohistochemistry in Clinical Metastatic Breast Carcinomas and its Association with Survival</td>
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<tr>
<td>Saba Shafi, The Ohio State University Wexner Medical Center; <em>Bindu Challa, The Ohio State University Wexner Medical Center</em>; Anil V. Parwani, The Ohio State University; <em>Zhao Li, The Ohio State University Wexner Medical Center</em></td>
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**Aberrant INSM1 Staining in Head and Neck Melanomas: A Potential Pitfall**
Jesse D. Sheldon, The Ohio State University Wexner Medical Center; Abberly Lott Limbach, The Ohio State University Wexner Medical Center

**INS1M1 Staining in SNUC and SMCAR81-deficient Carcinoma in the Absence of Other Neuroendocrine Markers**
ASHLEY KRISTEN PATTON, The Ohio State University Wexner Medical Center/James Cancer Hospital; Abberly Lott Limbach, The Ohio State University Wexner Medical Center
### Tuesday March 22, 2022

#### 1:45 PM - 2:00 PM

**Molecular and Clinicopathologic Characterization of Post-Transplant Lymphoproliferative Disorder (PTLD) Involving the Central Nervous System**

Ekin Guney, University of California, San Francisco; Calixto-Hope G. Lucas, University of California, San Francisco; Sanda Alexandrescu, Boston Children's Hospital, Harvard Medical School; Bret Mobley, Vanderbilt University Medical Center; Serguei Bannykh, Cedars-Sinai Medical Center; Suzanne Z. Powell, The Methodist Hospital; Angus Toland, Stanford Health Care; Hannes Vogel; Christian Davidson, University of Utah Health; Kristian Schafernak, Phoenix Children's Hospital; Janna H. Neltner, University of Kentucky; Daniel R. Boué, Nationwide Children's Hospital - The Ohio State University; Eyas M. Hattab, University of Louisville; Sean P. Ferris, University of Michigan Medical School; Robert S. Ohgami, University of California, San Francisco; Melike Pekmezci, University of California, San Francisco; Andrew W. Bollen, University of California, San Francisco; Tarik Tihan, University of California, San Francisco; Arie Perry, University of California, San Francisco; David A. Solomon, University of California, San Francisco; Kwun Wah Wen, University of California, San Francisco

#### Platform - Monday PM - Neuropathology and Ophthalmic Pathology

LACC 404 AB
1:45 PM - 2:45 PM

#### Platform - Tuesday AM - Genitourinary Pathology (including Renal Tumors)

LACC 502 A
8:00 AM - 12:00 PM

##### 8:15 AM - 8:30 AM

**Reclassifying pT3 Renal Pelvic Urothelial Carcinoma with Renal Parenchyma Invasion to pT2 Improves Correlation with Overall Survival**

Douglas Wu, The Ohio State University Medical Center; Debra L. Zynger, The Ohio State University Wexner Medical Center

##### 11:15 AM - 11:30 AM

**Evaluation of programmed death-ligand1(PD-L1) expression in a contemporary cohort of penile squamous cell carcinomas (PC) and its correlation with clinicopathologic and survival parameters: A study of 134 patients**

Anandi Lobo, Kapoor Centre of Urology and Pathology; Ankit Tiwari, NISER; Sourav Mishra, Advanced Medical and Research Institute; Shilpy Jha, Advanced Medical and Research Institute; Shivani Sharma, Core Diagnostics; Niharika Pattnaik, Advanced Medical and Research Institute; Nakul Yogesh Sampat, Advanced Medical and Research Institute; Ekta Jain, Core Diagnostics; Romila Tiwari, Advanced Medical and Research Institute; Manas Baisakh, Apollo Hospitals; Mallika Dixit, Core Diagnostics; Sudhasmita Rauta, Prolife Diagnostics, Bhubaneswar; Deepika Jain, Core Diagnostics; Gauri Munjal, Core Diagnostics; Dinesh Pradhan, The University of Texas MD Anderson Cancer Center; Anil V. Parwani, The Ohio State University; Sambit K. Mohanty, Advanced Medical and Research Institute

##### Short Course 67: Pediatric Bone Tumor Biopsies: Doing More with Less

Session Chair: Archana Shenoy, Nationwide Children's Hospital - The Ohio State University

Archana Shenoy, Nationwide Children's Hospital - The Ohio State University

##### 9:30 AM - 12:00 PM

**Solitary Fibrous Tumor (SFT) of the Adrenal Gland: A Multi-Institutional Study of Nine Cases with Literature Review**

Shilpy Jha, Advanced Medical and Research Institute; Subhasini Naik, Prolife Diagnostics and Apollo Hospitals; Manas Baisakh, Apollo Hospitals; Anandi Lobo, Kapoor Centre of Urology and Pathology; Shivani Sharma, Core Diagnostics; Ekta Jain, Core Diagnostics; Bonnie L. Balzer, Cedars-Sinai Medical Center; Indranil Chakrabarti, North Bengal Medical College; Anil V. Parwani, The Ohio State University; Biswajit Sahoo, All India Institute of Medical Sciences; Sourav Mishra, Advanced Medical and Research Institute; Nakul Yogesh Sampat, Advanced Medical and Research Institute; Niharika Pattnaik, Advanced Medical and Research Institute; Romila Tiwari, Advanced Medical and Research Institute; Sambit K. Mohanty, Advanced Medical and Research Institute

##### Feasibility of EPM2AIP1 Immunohistochemistry as Surrogate for MLH1 Promoter Hypermethylation Testing in Colorectal Cancer

Wei Chen, The Ohio State University Wexner Medical Center; Deborah A. Knight, The Ohio State University Wexner Medical Center; Rachel Pearlman, The Ohio State University Wexner Medical Center; Heather Hampel, The Ohio State University Wexner Medical Center; Wendy L. Frankel, The Ohio State University Wexner Medical Center

##### 9:30 AM - 12:00 PM

**Evaluating HER2 status using HER2 Gene Protein Assay in Endometrial Cancer**

Saba Shafi, The Ohio State University Wexner Medical Center; Anil V. Parwani, The Ohio State University; Zaiibo Li, The Ohio State University Wexner Medical Center; Hiro Nitta, Roche Tissue Diagnostics

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Note: All sessions are held in LACC unless specified.
Types and Frequency of Whole Slide Imaging Scan Failures in a Clinical High Through-Put Digital Pathology Scanning Laboratory

Drivers of Digital Pathology Adoption for Clinical Practice: An Experience from a Single Large Academic Institution

Comparison and Availability of Artificial Intelligence-Based Commercial Software Solutions for Pathologists

Detection of Lymph Node Metastasis of Breast Carcinomas Using Digital Imaging Analysis

Faster Than Glass: A Digital Pathology Workflow Unlocks Major Time-Savings

Comparison of Four Different Displays for Identification of Select Pathologic Features Extracted From Whole Slide Images of Surgical Pathology Cases

Professional Development & Innovations in Pathology Education to Medical Students and Trainees

Pathology Education in a Slideless Laboratory

Patterns of Cutaneous Metastases of Renal Cell Carcinoma: A Clinicopathologic Study of 70 Cases

Clinicopathologic Characterization of Polyps in Patients with AXIN2-Associated Polyposis: A Rare Emerging Familial Polyposis Syndrome

NTHL1-Associated Tumor Syndrome: Expanding the Neoplastic Spectrum of a Rare Tumor Predisposition Syndrome
### Epithelioid Angiosarcoma of the Urinary Bladder: A Multi-institutional Study of Twenty-three Cases with Literature Review

Shilpy Jha, Advanced Medical and Research Institute; **Anil V. Parwani, The Ohio State University**; Anandi Lobo, Kapoor Centre of Urology and Pathology; Chiu-Hsiang Liao, Memorial Sloan Kettering Cancer Center; Daniel J. Lurthinger, Cedars-Sinai Medical Center; Ekta Jain, Core Diagnostics; Hikmat A. Al-Ahmadi, Memorial Sloan Kettering Cancer Center; Kiril Trpkov, University of Calgary; Manju Aron, Keck School of Medicine of USC; Nakul Yogesh Sampat, Advanced Medical and Research Institute; Shivani Sharma, Core Diagnostics; Sean R. Williamson, Cleveland Clinic; Sambit K. Mohanty, Advanced Medical and Research Institute

### Uropathologists' Perspectives on Utilization of Key Morphologic and Molecular Parameters in Urothelial, Renal, and Prostatic Cancers Based on Clinical Practice Guidelines

Sambit K. Mohanty, Advanced Medical and Research Institute; Gladell P. Paner, University of Chicago; Anandi Lobo, Kapoor Centre of Urology and Pathology; **Anil V. Parwani, The Ohio State University**; Ankur R. Sangoi, El Camino Hospital; Brett Delahunt, Wellington School/Medicine; Claudia Manini, University of Turin; Daniel J. Lurthinger, Cedars-Sinai Medical Center; Deepika Sirohi, University of Utah / ARUP; Divya Mitha, Tata Medical Center; Fiona Maclean, Douglass Hanly Moir Pathology; Giovanna A. Giannico, Vanderbilt University Medical Center; Guido Martignoni, University of Verona, Ospedale Pedernoli; Hikmat A. Al-Ahmadi, Memorial Sloan Kettering Cancer Center; Holger Moch, University Hospital Zurich; Jatin S. Gandhi, University of Washington; John R. Srigley, Trillium Health Partners, Credit Valley Hospital; Jonathan Epstein, Johns Hopkins Medical Institutions; Jose Ignacio Lopez, Cruces University Hospital; Kiril Trpkov, University of Calgary; Liang Cheng, Indiana University; Lisa Browning, Oxford University Hospitals NHS Foundation Trust; Mahmut Akbul, Albany Medical Center; Manju Aron, Keck School of Medicine of USC; Maria M. Picken, Loyola University Medical Center; Maria Tretiakova, University of Washington; Michelle S. Hirsch, Brigham and Women's Hospital; Murali Varma, University Hospital of Wales; Naoto Kuroda, Kinrou Hospital; Nilesh S. Gupta, Henry Ford Health System; Pherozo Tamboli, The University of Texas MD Anderson Cancer Center; Priya Rao, The University of Texas MD Anderson Cancer Center; Rohit Mehra, University of Michigan; Sangeeta Desai, Tata Memorial Centre; Santosh Menon, Tata Memorial Hospital; Sean R. Williamson, Cleveland Clinic; Seema Kaushal, All India Institute of Medical Sciences; Shilpy Jha, Advanced Medical and Research Institute; Shivani Kandukuri, University of Southern California, Keck School of Medicine of USC; B Vishal Rao, Basavaratramak Indo-American Cancer Hospital and Research Institute; Mahul B. Amin, The University of Tennessee Health Science Center

### IM27: Common Problems Around the Globe
**Author:** Lynn Shoenfield, The Ohio State University Wexner Medical Center
LACC 506
1:30 PM - 3:00 PM

### IM14: to Be or Not to Be: Recognizing Features of Prostate Cancer Mimickers
**Author:** Anil Parwani, The Ohio State University
LACC 505
4:30 PM - 6:00 PM

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### Wednesday March 23, 2022

**Session Chairs (Course Directors):** Wei Chen, The Ohio State University Wexner Medical Center; Wendy Frankel, The Ohio State University Wexner Medical Center; Peter Stanich, The Ohio State University Wexner Medical Center

#### Short Course 25: Is it Hereditary Polyposis/Cancer Syndrome? The Multidisciplinary Approach
LACC 402 AB
8:00 AM - 12:00 PM

**Poster V - Wednesday AM - Genitourinary Pathology (including Renal Tumors)**
LACC West Exhibit Hall A
9:30 AM - 12:00 PM

**Clinicopathologic Features of Scrotal Leiomyosarcoma**
Anne T. Taylor, The Ohio State University Medical Center; Shawn Dason, The Ohio State University Medical Center; Debra L. Zynger, The Ohio State University Wexner Medical Center

**Poster V - Wednesday AM - Genecologic and Obstetric Pathology**
LACC West Exhibit Hall A
9:30 AM - 12:00 PM

**Digital Imaging Analysis of HER2 Immunohistochemistry in Endometrial Serous Carcinoma**
Bindu Challa, The Ohio State University Wexner Medical Center; Saba Shafi, The Ohio State University Wexner Medical Center; Anil V. Parwani, The Ohio State University; Zaibo Li, The Ohio State University Wexner Medical Center
### Utility of A Novel Biomarker Beta-tubulin III (TUB3) in Renal Neoplasms

**Swati Satturwar, The Ohio State University Wexner Medical Center/James Cancer Hospital**; Dimitrios Korentzelos, University of Pittsburgh Medical Center; Susana Jorge, LAQV-REQUIMTE; Gabriela M. Quiroga-Garza, University of Pittsburgh Medical Center; Sheldon I. Bastacky, University of Pittsburgh Medical Center; Hugo M. Santos, LAQV-REQUIMTE; Jose-Luis Capelo-Martinez, My Institution is Not Listed; Rajiv Dhir, UPMC Shadyside Hospital

### Validation of Automated Digital Imaging Analysis of Estrogen Receptor Immunohistochemistry in the Clinical Setting

**Saba Shafi, The Ohio State University Wexner Medical Center**; **David A. Kellough, The Ohio State University Wexner Medical Center/James Cancer Hospital**; **Giovanni Lujan, The Ohio State University**; **Swati Satturwar, The Ohio State University Wexner Medical Center/James Cancer Hospital**; **Anil V. Parwani, The Ohio State University**; **Zaibo Li, The Ohio State University Wexner Medical Center**

### Short Course 64: Deployment of Digital Pathology Workflow and Image-Based AI: A Practical Course for Practicing Pathologists

**Session Chair: Anil Parwani, The Ohio State University**

**Short Course 64: Deployment of Digital Pathology Workflow and Image-Based AI: A Practical Course for Practicing Pathologists - Parwani**

**Anil V. Parwani, The Ohio State University**