The 15th Annual Meeting of Chinese American Pathologists Association





Marriott Rivercenter, Salon E, San Antonio, TX Saturday, March 4, 2:30 – 4:30 PM, 2017

The Mission of the CAPA



The primary mission of the CAPA is to improve educational opportunities and professional skills of practicing pathologists of Chinese ethnicity, by promoting communication, friendship and cultural exchange, and by advancing the science and practice of pathology and laboratory medicine.

http://www.capaht.org & http://www.capa-ht.org

CAPA Acknowledges the Following Sponsors for Their Support

Advanced Cell Dianostics, Inc.

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South East Pathology Association

WebPathLab Inc.

The CAPA Annual Report 2016-2017

ear CAPA members and friends: It is my great honor and privilege to have served as the CAPA president 2016-2017. Thanks to your strong support, dedication, and contributions, we have achieved many milestones in CAPA history in the past year.

Our membership has continued to grow at a rapid pace. To ensure that the election is open and fair, we have amended CAPA bylaws and implemented several new procedures for the 2017 CAPA election including an open call for qualified candidates, the creation of a list of qualified voters, and an official voting procedure, etc. The 2017 CA-



PA election was a great success and laid the foundation for future CAPA elections. The voter participation was outstanding with a voting rate of 84% in this election. Our members celebrated the election of president-elect, Dr. Yun Gong and four new executive committee members with joy.

CAPA is recognized internationally as an excellent pathology organization. In the past year, CAPA has successfully organized or co-organized several national and international meetings/courses, including the First CAPA Companion Meeting at 2016 CAP Annual Meeting in Las Vegas, the Second CAPA Diagnostic Pathology Course in Houston, the Second CAPA-Beijing Pathology Symposium in Beijing, and the Third China-US Pathology Symposium in San Antonio. For the first time, CAPA has been officially listed in the meeting program of the 10th Congress of Asia Pacific International Academy of Pathology (APIAP) and will organize three sections at this important international meeting, which will be held in Bali, Indonesia in April 2017. In addition, CAPA sponsored the First Hematopathology Case Presentation Conference in Seattle and has organized expert pathologists to present at the 2016 Chinese Society of Pathology (CSP) annual meeting in Hefei. CAPA is invited with CAP and ASCO as one of the nonfinancial sponsors for the Cancer Biomarkers Conference II (CBCII) at the Houston Methodist Research Institute in September 2016. These events highlight the great success of CAPA's educational initiatives.

To foster the collaborations with international pathology associations, we have created a new award, the CAPA President's Award, for pathologists who promote CAPA at the international level and make major contributions to CAPA. To better serve our members, CAPA has established three new subspecialty subcommittees in the past year, including hematopathology, cytopathology and dematopathology subcommittees. To better serve the increasing needs of the CAPA community, we have created a new CAPA website (capa-ht.org). In addition, CAPA has started to sponsor webinars to our trainees and members, which have been very well attended and received by our members.

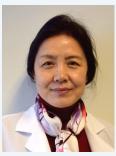
CAPA continues to attract more sponsors to make CAPA more financially stable and healthier than before. We have established strategic relationships with many sponsors for our educational events and annual meeting.

In summary, CAPA is well-prepared and positioned for future growth. I want to thank the CAPA Executive Committee, subcommittees, all the dedicated members and volunteers who worked closely with me to accomplish these ambitious goals. We are very fortunate to have Dr. Ping Tang leading our organization for the next term. Together, we will make CAPA a stronger and better organization.

Huamin Wang, MD, PhD CAPA President, 2016-2017 Professor University of Texas M.D. Anderson Cancer Center

Dear CAPA Members:

It is my great honor and privilege to serve you as the CAPA president for 2017-2018. Since its establishment in 2003, and with continuous and collective efforts from our presidents, officers of all subcommittees, and all active members, CAPA has become a national and internationally recognized pathologist organization with about 725 members today.



CAPA consists of a very broad membership in both academic

and private practice; in both AP and CP; with experienced and "young" pathologists. As a group, we are extremely accomplished, with many nationally and internationally known pathologists and tenured professors in major medical centers. We have had members serve as department chairs and directors for anatomic pathology in top US/Canadian universities, directors for residency and fellowship programs across the country, and directors/business owners in various settings of private practices.

The #1 mission of CAPA is to serve our members. As we move forward, I will work with the president-elect Dr. Yun Gong, current and newly elected EC members, all subcommittees, and all members towards the following goals:

Education

1) To continue the existing CAPA programs including the third CAPA diagnostic Pathology Course (Chicago, Aug 19-20, 2017); the third CAPA-Beijing Pathology Symposium (Beijing, Sep 2-3, 2017); the second CAPA Companion Meeting at 2017 CAP (National Harbor, Oct 7-11, 2017); the CAPA companion meeting at Chinese Pathology Society Annual Meeting (Suzhou, Oct 26-29, 2017).

2) To create new programs including the first CAPA Pathology Symposium in China (Dali, Oct 30, 31, 2017); and the first CAPA Companion Meeting at 2018 USCAP (Vancouver, March 2018); and online educational courses both in US and China.

Publication

1) To improve our website and create a member-only area where we can share our interesting cases, great photos, travel tips, cooking recipes, and more.

2) To continue our quarterly newsletters with news from our members, reports from each subcommittee, interesting cases, great photos, best recipes, etc.

Other Missions

1) To re-organize CAPA subcommittees with special mentoring subcommittee for our junior members and chapters for each subspecialty.

2) To work with national and international pathology societies, including subspecialty pathology societies, and promote bigger roles of our members in these societies.

3) To continue grow with new members and more sponsorships.

Together, anything is possible. Let's get to work.

Ping Tang, MD, PhD CAPA President 2017-2018 Professor and Director of Breast Pathology University of Rochester Medical Center, Rochester, NY

The 15th CAPA Annual Business Meeting

Marriott Rivercenter, Salon E, San Antonio, Texas 2:30 – 4:30 PM, Saturday, March 4, 2017

1:30 - 2:30 PM | Registration

2:30 - 3:00 PM | CAPA Business Meeting

Opening remarks and CAPA Annual Report: Dr. Huamin Wang, CAPA President, 2016-2017

CAPA Finance Report: Dr. Eric Chen, CAPA Treasurer

CAPA Membership Update: Dr. Lizhen Gui, Chair of Membership Subcommittee

Announcement of 2017 Election Results: Dr. Huamin Wang

3:00 - 3:15 PM | Remarks from CAP, USCAP and CSP Officials

Dr. Richard Friedberg, CAP President

Dr. Paul Lewin, Director of International Development, USCAP

Dr. Xiu-Wu Bian, CSP President

3:15 – 3:30 PM | Scientific Presentations by Meeting Platinum Sponsors

Advanced Cell Diagnostics, Inc.

NovoDiax

Maixin Biotech. Co., Ltd.

3:30 - 4:15 PM | Presenting CAPA Awards

CAPA Honorary Award: Presented by Dr. Huamin Wang

CAPA/ACD Distinguished Pathologist Awards: Presented by Drs. Yuling Lou (ACD CEO) and Huamin Wang

CAPA President's Award: Presented by Dr. Huamin Wang

CAPA/Zu-Hua Gao Service Award: Presented by Dr. Huamin Wang

CAPA Member of the Year Award: Presented by Dr. Huamin Wang

CAPA/Gopath Best Abstract Awards: Presented by Drs. Hanlin Wang and Zhenbin Lu

CAPA/Motic Best Abstract Awards: Presented by Dr. Guoping Cai and Mr. Richard Yeung, Motic CEO

4:15-4:30 PM | Looking Forward

Dr. Ping Tang, CAPA President 2017-2018

4:30 - 5:30 PM | Bus or Taxi to China Harbor Restaurant

17333 San Pedro Ave, San Antonio, TX 78232; Tel: (210) 494-6688

Free Buses (Motor Coaches) available at 4:30 PM at Marriott Rivercenter

5:30 – 11:00 PM | CAPA Annual Dinner Party and Karaoke

CAPA Awards 2017 CAPA Honorary Award



Dr. Fan Lin is the deputy editor-in-chief of the Archives of Pathology & Laboratory Medicine, Director of Anatomic Pathology at Geisinger Health System. He received his M.D. from Fujian Medical University and Ph.D. in Biological Sciences from the University of North Texas. He completed AP/CP residency training at the University of Chicago Hospital in 1999, followed by one year of Cytopathology fellowship training at MD Anderson Cancer Center. He has authored over 80 articles in peer-reviewed pathology journals, over 20 book chapters, and presented over 175 posters/platform presentations at pathology society meetings. He leads the Geisinger Anatomic Pathology group in

making contribution to the field of immunohistochemistry, including publishing "Handbook of Practical Immunohistochemistry - Frequently Asked Question, 2nd edition" and its free companion IHC website (www.ihcfag.com), and contributing 2 special issues on IHC updates to the Archives of Pathology and Laboratory Medicine in 2014 and 2015. Dr. Lin is a reviewer for many pathology journals. Dr. Lin has been a member of CAPA since the establishment and former president of CAPA (2015-2016). Under the leadership of Dr. Lin, CAPA achieved many major mile stones: organized the first CAPA Diagnostic Pathology Course in New York City; edited a special issue of review articles to highlight the lectures presented at the First CAPA Diagnostic Pathology Course in NYC in Archives of Pathology and Laboratory Medicine; co-organized the first CAPA-Beijing Diagnostic Pathology Course in Beijing; published the quarterly CAPA eNewsletters; initiated the first CAPA Companion Meeting at the 2016 CAP meeting; recruited many more members, including many lifetime members; attracted more sponsors to make CAPA more financially stable and healthier than ever; created two new CAPA awards - CAPA Honorary Award and CAPA Member of the Year Award etc. We thank Dr. Lin for his outstanding leadership, dedication and contributions to CAPA.

2017 CAPA President's Award

Dr. Xiu-wu Bian is a professor and the director of the Institute of Pathology and Southwest Cancer Center, Southwest Hospital, Third Military Medical University. He is the President of Chinese Society of Pathology (CSP)(2013-2016), the vice Chairman of Chinese Association of Pathologists (CAP) (2013-2017) and the President-elect of Tumor Metastasis Research Committee of Chinese Anti-cancer Association (CACA)(2015-2018). Dr. Bian is the Leading Scientist of "Ten-thousand Talents" Program of China and the "Changjiang Scholar" of Education Ministry of China. His research interest is the interaction of cancer stem cells with tumor microenvionment. His "cancer



stem cell research team" is a National Innovation Team. He is the Chief Scientist of National Basic Research Program (973) in cancer stem cells. As corresponding author, he has published 86 peer-reviewed papers in international English journals including *Cell Stem Cell, PNAS, JNCI, Nat Commun, Cancer Res, Hepatology, J Pathol,* etc. He was awarded as the first accomplisher for the first prize of National Science and Technology Progress Award of China, the first prize of Chinese Medical Association Award, and the first prize of Science and Technology Award from CACA. In 2015, he was honored with "Distinguished Pathologist Award" by American Society of Clinical Pathology (ASCP) and Chinese American Pathologists Association (CAPA). As the director, Dr. Bian organized and provided financial support for the 1st, 2nd and 3rd China-CAPA Pathology Forums in conjunction with the USCAP Annual Meetings in the last three years. These meetings were very well attended by the leading pathologists from CAPA speakers to the CSP annual meeting in China in the last three years. Through these platforms, Dr. Bian has made outstanding contributions to CAPA and promoted the communications between CAPA and the pathology community in China.

CAPA Awards (Continued) 2017 CAPA President's Award (Continued)



Dr. Ning Lu graduated from the Beijing Medical College (currently Medical College of Beijing University) in 1982. She is a professor and the chairman of the Department of Pathology National Cancer Center (NCC)/Cancer Hospital, Peking Union Medical College (PUMC), Chinese Academy of Medical Sciences (CAMS), Beijing, China. Dr. Lu is also the deputy director of the Department of Pathology, PUMC, the vice chairman of the Beijing Branch of the Pathology, Chinese Medical Association, the vice chairman of the Tumor

Pathology, Chinese Anti-Cancer Association, Trustee of the Beijing Association of Pathologist and members of the Pathological branch of Chinese Medical Association and the Chinese Association of Pathologist. Dr. Lu is a well-known pathologist in China specialized in neoplastic pathology and molecular pathology. Dr. Lu successfully organized and served as the directors of the First and Second joint CAPA-Beijing Pathology Summits in Beijing and partially sponsored many CAPA speakers to these meetings in 2015 and 2016. Both meetings included many expert pathologists from China as speakers and provided a unique platform to promote the communications and collaborations between CAPA and the pathology community in China. Dr. Lu is currently planning for the 3rd CAPA-Beijing Pathology Summit with CAPA, which will be held in Beijing in the summer of 2017.

2017 CAPA ACD Distinguished Pathologist Award

Dr. Qihui "Jim" Zhai is a professor of pathology, consultant pathologist and director of FISH Laboratory in Mayo Clinic Florida. He completed his pathology residency at Mayo Clinic Rochester (2002) followed by an oncologic pathology fellowship at MD Anderson Cancer Center (2002-2003). He joined Baylor College of Medicine as assistant professor (2003), then Houston Methodist Hospital/Cornell University as associate professor (2004-2009), and was recruited to University of Cincinnati as professor (2009). He climbed the academic ladder from assistant to full professor within six short years. Dr. Zhai is a well-sought-after international



speaker in head and neck and urological pathology. He is a competent diagnostician and his expertise and interests in translational research contributed significantly to the pathology literature. He published about 100 peer-reviewed original manuscripts, several hundred abstracts, and authored/co-authored seven popular pathology textbooks. He is on the editorial board of several reputable pathology journals and Editor-in-Chief of *International Journal of Clinical and Experimental Pathology*. Dr. Zhai has been actively involved with state and national pathology societies, including USCAP Education Committee, CAP Nomination Committee, Publication Committee, and Surgical Pathology/Immunohistochemistry Committee. He was President Elect of Houston Society of Clinical Pathologists, and currently is Vice President and Chair of the Education Committee of Florida Society of Pathologists. He spent a tremendous amount of time promoting Sino-America pathology education, research and practice. In the year of 2014-2015, he served as CAPA president, and he made outstanding contributions to our own community by setting numerous milestones in CAPA history.

CAPA Awards (Continued) 2017 CAPA ACD Distinguished Pathologist Award (Continued)



Dr. Jiaoti Huang is Professor and Chairman of the Department of Pathology at Duke University. He earned his medical degree from Anhui Medical University, Master degree from the Institute of Radiation Medicine in Beijing and his PhD from New York University School of Medicine. Dr. Huang was a Leukemia Society of America Postdoctoral Fellow at NYU and Yale University. He did residency training in pathology at NYU School of Medicine and a fellowship in Oncologic Surgical Pathology at Memorial Sloan-Kettering Cancer Center. He became

an assistant professor at the University of Rochester in July 2000 and rose to the rank of full professor in 2007. Dr. Huang moved to UCLA in 2008 and came to Duke at the beginning of 2016. Dr. Huang's clinical expertise is in the pathologic diagnosis of genitourinary tumors. His research focuses on the molecular mechanisms, biomarkers and novel therapies for advanced prostate cancer. Dr. Huang's laboratory is a leader in studying neuroendocrine differentiation of prostate cancer and molecular pathogenesis of prostatic small cell neuroendocrine carcinoma. Dr. Huang has published 200 research papers, review articles and book chapters. He has been continuously supported by grants from NIH, American Cancer Society, Department of Defense, Prostate Cancer Foundation, and Stand Up to Cancer.

2017 CAPA/Zu-Hua Gao Service Award



Dr. Lizhen Gui is a staff pathologist at Northwest Arkansas Pathology Associates. Dr. Gui initiated the Duotou Microscope WeChat group in 2014, Since then, she has successfully managed the Duotou WeChat group which now has 567 active members and serves as a popular online community the Chinese pathologists in North America. Dr. Gui served as a member of the CAPA Executive Committee and chaired the CAPA Membership Committee for the past two years. In the

last three years, she has made major contributions to CAPA in recruiting new members, managing membership database, being in charge of the registrations of our annual meetings, the 1st and 2nd CAPA pathology courses, organizing CA-PA annual dinners and the dinners during both pathology courses, etc. We thank Dr. Gui for her outstanding dedications to CAPA!

CAPA Awards (Continued) 2017 CAPA Member of the Year Award



Fan Chen, MD, PhD

Chair of CAPA Publication and Website Committee

Dr. Fan is in charge of CAPA eNewletters and the brochures of CA-PA annual meetings.

She also involved in the maintenance of CAPA website in the last two years



Zongming (Eric) Chen, MD, PhD

CAPA Treasurer for 2015-2018

Dr. Chen is in charge of all CAPA financial activities, including membership and regis-

tration payments, in the past two years. He has played a critical role in the planning of all CAPA activities since 2015



Jie Song, M.D., M.S., M.C.S.

Chair of the CAPA Publication and Website Committee

Dr. Song is in charge of maintaining and updating CAPA web-

site in the last two years. He has created a new CAPA website in 2016 and is the IT



expert who did an outstanding job in supporting 2017 CAPA election

Xiaoping Sun, M.D., Ph.D.

Dr. Sun devoted his time and effort taking

photos and making videos for CAPA. He initiated soliciting financial support for CAPA Houston/Galveston Chapter six years ago, which has led to the Chapter's regular and popular annual gathering since then. He also obtained financial support for the 2nd CAPA Pathology Course in Houston and the Annual CAPA Meeting in San Antonio.

He Wang, M.D., Ph.D.

Dr. Wang was one of the organizing committee and faculty members who were in charge of CME for the 2nd CAPA pathology courses in Houston.



Bihong Zhao, M.D., Ph.D.

Dr. Zhao was one of the organizing committee members who were in charge of the Karaoke party for the 2nd CAPA pathology



courses in Houston. She is one of leaders who are planning for the CAPA annual dinner and Karoke party this year.

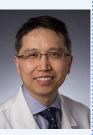
Lanjing Zhang, MD, MS

Co-chair for CAPA

Education Subcommittee 2015-2017

Dr. Zhang is one of the leaders who organized

the First CAPA companion meeting in conjunction of CAP'2016 and the 2nd China- US Pathology Symposium. He has also played an important role in many other CAPA activities.



CAPA Awards (Continued) 2017 CAPA GoPath Best Abstract Award

<u>First Prize</u>:

Kevin Yi Mi Ren, MD, Queen's University at Kingston, Ontario, Canada. Analysis of Ezrin and Phospho-ezrin (Active) as Biomarkers of Invasion and Metastasis in Breast Cancer

Second Prize:

Yimin Dong, MD, PhD, University of Arizona, Brushing Cytology with Adjunctive FISH and Biomarker Analyses Is Highly Sensitive and Specific in the Early Detection of Low-grade Dysplasia in Barrett's Esophagus

Yanchun Li, MD, PhD, Roswell Park Cancer Institute, PDL-1 (Clone 22C) Stromal Expression Predicts Better Overall Survival in HER2+ Breast Carcinoma

Third Prize:

Jian He, MD, PhD, University of Texas MD Anderson Cancer Center, Novel Herceptin-Based IHC Test Detects HER2+ Breast Cancers Correlating to Responses to HER2-Targeted Therapy

Tong Sun, MD, PhD, University of Massachusetts, A Comparative Study on the Diagnostic Value of Next Generation Sequencing in Urine Cytology and Bladder Tumor Specimens

Wei Zhang, MD, PhD, Mount Sinai Health System, APC and KRAS Genetic Variants Associated with Colorectal Cancer Histology Grade and Tumor Staging

2017 CAPA Motic Best Abstract Award

First Place Prize

The Extensive Heterogeneity between Primary and Metastatic Colorectal Carcinoma Detected by Next Generation Sequencing

Shuang-Mei Zou, Wen-Miao Wang, Wen-Bin Li, Bo Zheng, Jian-Ming Ying, Ning Lu

Peking Union Medical College, Cancer Hospital, Chinese Academy of Medical Sciences, Beijing, China

Second Place Prize

Experience and Analysis of 2087 Frozen Section Diagnoses Using Digital Telepathology

Jing Li, Xiangdong Ding, Wei Liu, Tao Wu, Xi Lin, Zhengpeng Ha, Pifu Luo

Department of Pathology, King Med Diagnostics, Guangzhou, China

CAPA Awards (Continued)

2017 CAPA Motic Best Abstract Award (Continued)

<u>Second Place Prize (Continued)</u>

Value of Cytopathologic Diagnosis in Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration and Endoscopic Ultrasound-guided Fine Needle Aspiration

Wenhao Ren, Jian Cao

Department of Pathology and Resident Training Base, Cancer Hospital, Peking Union Medical College and Chinese Academy of Medical Sciences, Beijing, China

Third Place Prize

Anaplastic Variant of Diffuse Large B-cell Lymphoma Displays Intricate Genetic Alterations and Distinct Biological Features

Mingyang Li¹, Yixiong Liu¹, Yingmei Wang¹, Gang Chen², Qiongrong Chen³, Hualiang Xiao⁴, Fang Liu⁵, Chubo Qi³, Zhou Yu¹, Xia Li¹, Linni Fan¹, Ying Guo¹, Qingguo Yan¹, Shuangping Guo¹, Zhe Wang¹

¹Department of Pathology, Xijing Hospital, Fourth Military Medical University, Xi'an, China

²Department of Pathology, Fujian Cancer Hospital, Fuzhou, China

³Department of Pathology, Hubei Cancer Hospital, Wuhan, China

⁴Department of Pathology, Daping Hospital, Third Military Medical University, Chongqing, China

⁵Department of Pathology, First People's Hospital of Foshan, Foshan, China

Cytopathological Diagnosis of Hematolymphoid Neoplasms in Serosal Effusion: An Algorithmic Approach Combining Morphology, Immunophenotyping and Genomics

Lan Chen¹, Dong-Ge Liu¹, Jin-Song Zhang¹, Di Cui¹, Zhi-Lan Meng² ¹Department of Pathology, Beijing Hospital, National Centre of Gerontology, Beijing, China

²Department of Pathology, Peking Union Medical College Hospital, Chinese Academy of Medical Science, Beijing, China

Tumor-Associated Macrophages Secrete Pleiotrophin to Promote PTPRZ1 Signaling in Glioma Stem Cells and Support Tumor Growth Yu Shi¹, Yifang Ping¹, Shideng Bao², Xiu-Wu Bian¹ ¹Institute of Pathology and Southwest Cancer Centre, Southwest Hospital, The Third Military Medical University, Chongqing, China ²Department of Stem Cell Biology and Regenerative Medicine, Lerner Research Institute, Cleveland Clinic, Cleveland, USA

2017 CAPA Election

On behalf of the CAPA Election Committee, we would like to congratulate the following winners of the 2017 CAPA election.

President-elect, 2018-2019



Yun Gong, M.D. CAPA Executive Committee members who will serve from 2017 to 2019 (in alphabetic order)



Lirong Cheng, M.D.



Linsheng Zhang, M.D., Ph.D.

CAPA Treasurer, 2018-2021 (Elected by CAPA EC Members)



Huihong Xu, M.D.

Special thanks to Drs. Charles Chuanhai Guo, Feng Li, Dongfeng Tan, Jack Yang for their participation in this election and for their willingness to serve and contribute to CAPA community.

This is a historic CAPA election with an outstanding participation rate of 84%. In this election, we have implemented several key measures to make sure an open, fair, democratic election based on the CAPA bylaws, including open call for candidates, creation of a list of qualified voters, and an official election procedure. We would also like to express our special thanks to Dr. Lizhen Gui and Dr. Jie Song (the IT expert) who had done an outstanding job and had contributed numerous hours to this election. Thank you all for your strong support.





Yong "Andy" Ke, M.D., Ph.D.

Wei Xin, M.D. Ph.D.

CAPA Executive Committee

Huamin Wang (President 2016-2017) Ping Tang (President-elect 2017-2018) Fan Lin (President 2015-2016) Zongming (Eric) Chen (Treasurer) Marilyn Bui Guoping Cai Lizhen Gui Chen Liu Huan-You Wang Lanjing Zhang Jun Zhang

CAPA Past Presidents

Chin-Lee Wu (2002-2005) Ximing Yang (2006) Bin Yang (2007) Shu-Yuan Xiao (2008) Shuan Li (2009) Ming Zhou (2010) Steven Shen (2011) Zu-Hua Gao (2012) Jinsong Liu (2013) Qihui (Jim) Zhai (2014) Fan Lin (2015)

CAPA Senior Advisory Council (SAC) (Alphabetical Order)

Longwen Chen, MD, PhD Mayo Clinic Arizona Fang Fan, MD, PhD University of Kansas Medical Center Zu-hua Gao, MD, PhD, FRCPC McGill University Health Center Yun Gong, MD UT MD Anderson Cancer Center Jiaoti Huang, MD, PhD UCLA Qin Huang, MD, PhD Harvard Medical School, VA Boston Healthcare System Pei Hui, MD, PhD Yale University School of Medicine Maomi Li, MD, PhD Integrated Oncology (LabCorp Specialty Testing Group) Shuan C. Li, MD Orlando Health Fan Lin, MD, PhD Geisinger Medical Center Jinsong Liu, MD, PhD UT MD Anderson Cancer Center

Wendy Liu, MD, PhD University Hospitals Case Medical Center Danielle Lu. MD Huntington Memorial Hospital, Pasadena, CA Steven Shen, MD, PhD Houston Methodist Hospital Weill Medical College of Cornell University Ping Tang, MD, PhD University of Rochester Medical Center **Beverly Wang, MD** UC Irvine Medical Center Hanlin Wang, MD, PhD UCLA Jun Wang, M.D. Loma Linda University Medical Center Chin-Lee Wu, MD, PhD Massachusetts General Hospital: Harvard Medical School Shu-Yuan Xiao, M.D. University of Chicago Wei Xin, MD, PhD University Hospital Cleveland Medical center Haodong Xu, MD, PhD UCLA Bin Yang, MD, PhD Cleveland Clinic

Ximing J. Yang, MD, PhD Northwestern University

Qihui (Jim) Zhai, MD Mayo Clinic

Lanjing Zhang, MD, MS University Medical Center of Princeton at Plainsboro; Rutgers University

Jun Zhang, MD Mayo Clinic

Paul J. Zhang, MD Hospital of the University of Pennsylvania, Perelman School of Medicine

Chengquan Zhao, MD Magee-Womens Hospital University of Pittsburgh

Wenxin Zheng, MD University of Arizona College of Medicine

Chen Zhou, MD, PhD University of British Columbia, Vancouver, Canada

Ming Zhou, MD, PhD New York University Medical Center, Tisch Hospital

Youli Zu, MD, PhD Houston Methodist Hospital, Weill Medical College of Cornell University

CAPA Publication Subcommittee/Editing Team

Huan-You Wang Jun Zhang Fan Chen Jie Song Zenggang Pan

Design for Brochure

Fan Chen (2016-2017) Huihui Ye (2015) Zenggang Pan (2015) Website Master

Kar-Ming Fung Longwen Chen Yajue Huang Huimiao Jiang Jie Song

Design for eNewsletter

Jie Song (2015-2017) Fan Chen (2015-2017)

CAPA Lifetime Members (Alphabetical Order)

Bai. Shuting Bu, Lihong Bui, Marilyn Bunting, Silvia Cagle, Philip Cai. Jianping Chen. Ahchean Chen, Baorong Chen, Fayu (Mark) Chen, Fan Chen, Guilan Chen, Helen Chen, Longwen Chen, Ning Chen, Qianghua Chen, Yayan Cheng, Hong Cheng, Liang Cheng, Lirong Cui, Chunhua Fan, Fang Fan, Rong Fan. Xuemo Feng, Wei Fu, Living Gao John Gong, Yun Gui, Lizhen Huang, Jiaoti Huang, Qin Huang, Ruoging Hu. Huankai Ji, Peng

Jiang. Ming Jiang, Yujing Jing, Ni Jing, Xin Kong, Max Lee. Peng Li. Feng Li, Hong Li, Hongmei Li, Lin Li, Long Li, Shuan Li, Yanhua Liang, Mei Liang, Songlin Lin, Fan Lin, Jingmei Lin (Gellert), Lan Liu, Fang Liu, Haiyan Liu, James Liu. Jiafan Liu. Mark (Yingxian) Liu, Shaojun Liu, Wendy Liu, Wenhua Liu, Xiuli Luo, Frank Ma, Xiaoling Ma, Zhiwei Mo. Jun Ni, Kai

Pei. Zhiheng Piao, Yingchao Pu, Robert Oian, Fang Qian, Xiaohua Shen. Steven Shen, Youjun Sun, Wei Su. Mu Tan, Dongfeng Tang, Daniel Tang, Ping Tang, Wozhan Tian, Wei Wang. Beverly Wang, Hanlin Wang, He Wang, Lan Wang, Larry Wang, Li Juan Wang, Min Wang Yan Wen, Fang Wu. Chin-Lee Wu, Sang Ling Wu, Susan Xia, Ling Xiao, Shuyuan Xin, Wei Xu, Bo Xu, Chenny Xu. Huihong Xu, Ruliang

Xu. Xiaomeng Xu. Xiaowei Yang, Bin Yang, Hongyu Yang, Ximing Yao, Xu Ye, Huihui Yin, Hong (Julie) Yin, Hong Yu, Hongbo Yu, Limin Zhang, David Zhang, Jun Zhang, Lanjing Zhang, Songlin Zhang, Yaxia Zhang, Xiaohong Zhang, Zesong Zhao, Bihong Zhao, Chengquan Zhao, Huicong Zhao, Qing Zhao, Song Zhao, Xiangrong Zhao, Xiaohui Zheng, Su Zheng, Wenxin Zhou, Chen Zhou, Jiehao Zhou, Zhongren Zhu, Lee ching Zu, Youli



The First CAPA Diagnostic Pathology Course at Flushing, New York in 2015

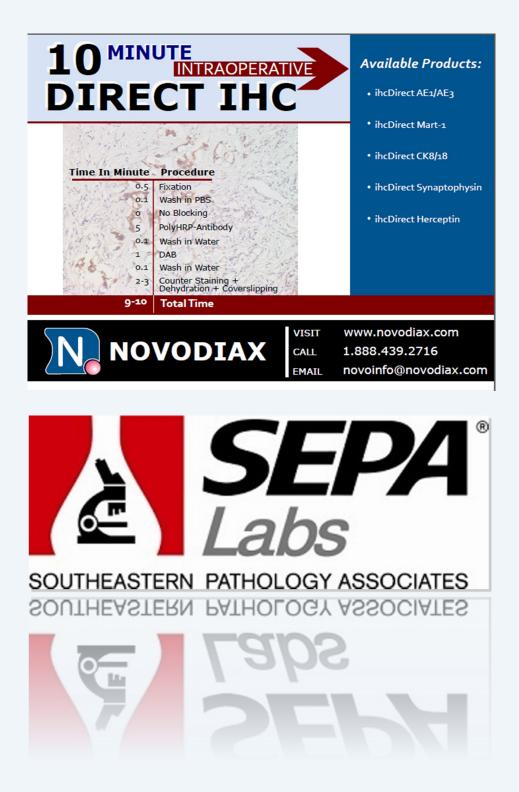
Photographed by Dr. Xiaoping Sun



Digital Scanner and Telepathology Platform Automated Cervical Cancer Screening Cancer DNA Ploidy Analysis Cytology and Surgical Pathology Services







Rare for you but not for Foundation Medicine

RARE/UNCOMMON SUBTYPE	PERTINENT TUMOR DRIVER	FDA APPROVED TARGETED THERAPIES	FDA APPROVED THERAPIE IN ANOTHER TUMOR TYP
Non-Serous Ovarian Cancers, eg: Ovarian Clear cell	ERCA 1/2	Olaparib	
	ERBEZ		Trastuzumab, Pertuzumab
	FGFR1/2/3		Pazopanib, Ponacinib
	AKT1/2		Temsirolimus, Everolimus
	PALB2		Olaparib and others
Pancrestobiliary Cancers: Chelangiocarcinema Pancreas GallSladder	/0H1/2		Azacitidine, Decitabine
	ERBEZ		Trastuzumab, Portuzumab, Alatinib
	FBFR2		Pazopanib
	BRAF		Dabratenib, Tramecinib, Vemuratenib
	PTEN		Everolimus
	BRCA2		Trastuzumab, Pertuz umab
	ER882		Trastuzumab, Pertuzumab
	BRAF		Trametinib
	ER882		Trastuzumab, Pertuz umab
Uncommon subtypes of breast cancer	OCND1	Palbociclib	
	ERCA1/2		Olaparib
	EBFR		Afatinib, Cetuk imab
	ERBE2		Erlotinib, Lapatinib,
	PIK3RI, NFI, STK11,		Pertuzumab, Trastuzumab
	AKT2/3, PTEN		Everolimus, Temsirolimus
Salivary Gland	ERBE2		Trastuzumab, Pertuzumab
	EGFR		Cetuximab, Laptinib
	PTEN		Temsirolimus, Everolimus
	ERCA1/2		Olaparib
	BRAF		Trametinib, Debrafenib

Comprehensive genomic profiling using FoundationOne has been performed on > 16,000 uncommon tumor cases. Learn more at: USCAP Annual Meeting Booth #541

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