The 14th Annual Meeting of Chinese American Pathologists Association

Saturday, March 12, 2:30 – 4:30 PM, 2016
Sheraton Hotel Metro Ballroom A, Seattle, WA
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

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Dear CAPA friends:

It was my great honor to serve as the Chinese American Pathologists Association (CAPA) President in 2015. It certainly was a great year for CAPA! Together, we have accomplished the goals that I announced at the last CAPA Annual Business Meeting in Boston. Congratulations and thanks to all CAPA members, especially those of you who have been actively involved in and contributed to this great pathology community! Because of your strong support, dedication and contributions, CAPA achieved many goals and reached many impressive new milestones in 2015, such as:

- Establishing functional CAPA Subcommittees;
- Hosting the first CAPA Diagnostic Pathology Course in New York City;
- Co-organizing the first CAPA-Beijing Diagnostic Pathology Course in Beijing;
- Participating in the Chinese Society of Pathology (CSP) 2015 Annual Meeting in Kunming;
- Participating in the 9th AP-IAP Meeting in Brisbane, Australia;
- Publishing quarterly CAPA eNewsletters;
- Refining the CAPA website and increasing the number of website visits;
- Authoring a special section of review articles based on the CAPA Diagnostic Pathology Course for the *Archives of Pathology and Laboratory Medicine*;
- Preparing for the first CAPA Companion Meeting at the 2016 CAP meeting;
- Recruiting many more members, including many lifetime members;
- Attracting more sponsors to make CAPA more financially stable and healthier than ever;
- Improving management of the CAPA pre-existing accounts and completing an auditing process;
- Creating two new CAPA awards - CAPA Honorary Award and CAPA Member of the Year Award.

For the complete annual report, please go to the CAPA website (http://www.capaht.org/) or read the 4th issue of the CAPA eNewsletter.

In summary, the CAPA community is well-prepared and positioned for future growth. Again, I am honored to have had the opportunity to serve as its President in 2015! My professional life has been greatly enriched, inspired, and influenced by the many friends and colleagues I have met along the way, especially those with whom I have had close interactions during the last year. I am grateful to the CAPA Executive Committee, Subcommittee chairs and co-chairs, Subcommittee members, and all the members and volunteers who worked closely with me to accomplish these ambitious goals. Together, we did it! Once again, I sincerely appreciate all sponsors for their very generous support. Finally, I strongly encourage all of you to be volunteers and more actively involved in all CAPA activities, now and in the future, because this is OUR OWN pathology community! Now, Dr. Huamin Wang and the entire CAPA leadership team will take the CAPA to the next level. Together, we will build an even stronger CAPA!

Respectfully submitted,

Fan Lin, MD, PhD
CAPA President, 2015-2016
Welcome to the 14th Chinese American Pathologists Association (CAPA) Annual Meeting in Seattle!

Congratulations to the presidents-elect, Dr. Ping Tang (2017-2018)!

It is my distinguished honor and privilege to be elected as the president of the Chinese American Pathologists Association (CAPA) for 2016-2017.

Thanks to the strong leadership and strategic visions of our past presidents, the dedications from our current and past executive committee members, subcommittee chairs, co-chairs and members, and strong support from active members, CAPA has become an internationally well-recognized organization for pathologists of the Chinese ethnicity. I would like to express my special thanks to Dr. Fan Lin for his strong leadership and to our current executive committee members, subcommittee chairs, co-chairs, and members, and many active members for their hard work and outstanding contributions in the past year. I would like to thank all the team members who are involved in the planning, organizing and providing services to this annual meeting in Seattle and our sponsors for their generous supports of CAPA. I would also like to thank and welcome all CAPA members and our friends in pathology from China to this great meeting.

The strong and dedicated teamwork is the major force to drive CAPA moving forward in an unprecedented pace in recent years. Under the outstanding leadership from Dr. Fan Lin, we have achieved several new milestones in CAPA history in the past year: The successful First CAPA Diagnostic Pathology Course in New York, the first CAPA-Beijing Pathology Symposium in Beijing, publication of several issues of CAPA eNews letters etc. As we move into the next year, I look forward to working with our leadership teams and active members to continue these great programs and to implement new programs. In preparation for next year’s CAPA election, we are in the process to amend the CAPA bylaws. Our membership committee under the leadership of Drs. Lizhen Gui, Steven Shen and Fan Chen are validating and organizing our membership databases. We will do our best to make sure that we have a transparent and fair election in 2017.

Again, thank you for your strong support of CAPA. Together as a team, we can make CAPA a stronger and better organization in the coming years!

Sincerely yours,

Huamin Wang, MD, PhD
Professor
Department of Pathology & Department of Translation Molecular Pathology
University of Texas M.D. Anderson Cancer Center, Houston, TX
CAPA President, 2016-2017
The 14th CAPA Annual Business Meeting Agenda  
**Sheraton Hotel Metro Ballroom A, 2:30 – 4:30 PM**  
**Saturday, March 12, 2016, Seattle, WA**

1:30 – 2:30 PM | Registration and Refreshments

2:30 – 3:00 PM | CAPA Business Meeting
- Opening remarks and CAPA Annual Report: Dr. Fan Lin, CAPA President, 2015-2016
- CAPA Finance Report: Dr. Eric Chen, CAPA Treasurer
- CAPA Membership Update: Dr. Lizhen Gui, Chair of Membership Subcommittee
- CAPA Bylaws Changes: Dr. Huamin Wang, CAPA President, 2016-2017

3:00 – 3:15 PM | Scientific Presentations by Meeting Platinum Sponsors
- Advanced Cell Diagnostics, Inc.
- Foundation Medicine
- NovoDix

3:15 – 4:00 PM | Presenting CAPA Awards
- CAPA Honorary Award: Presented by Dr. Fan Lin, CAPA President, 2015-2016
- CAPA/ACD Distinguished Pathologist Awards: Presented by Drs. Yuling Lou (ACD CEO) and Fan Lin
- CAPA/Zu-Hua Gao Service Award: Presented by Dr. Zu-Hua Gao, CAPA President 2012-2013
- CAPA Member of the Year Award: Presented by Dr. Fan Lin, CAPA President 2015-2016
- 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
- CAPA Past Presidents Recognition Plaques: Presented by Dr. Chin-Lee Wu

4:00 – 4:15 PM | Remarks from CAP, USCAP and CSP Officials
- Dr. Richard Friedberg, CAP President
- Dr. David Kaminsky, USCAP EVP
- Dr. Xiu-Wu Bian, CSP President

4:15 – 4:30 PM | Looking Forward
- Dr. Huamin Wang, CAPA President 2016-2017

4:30 – 5:30 PM | Bus, Taxi, or Walking to China Harbor Restaurant
Free Buses (Shuttle Express) available at 5:00 PM at the front door of Sheraton Hotel.
China Harbor Restaurant [http://www.seattlechinaharbor.com; 2040 Westlake Avenue N., Seattle, WA 98109; (206) 286-1688]

5:30 – 10:00 PM | CAPA Annual Dinner Party and Karaoke
CAPA Honorary Award

Philip T. Cagle, MD, is the editor-in-chief of the Archives of Pathology & Laboratory Medicine, Director of Pulmonary Pathology at Houston Methodist Hospital and Professor of Pathology and Laboratory Medicine at Weill Cornell Medical College. Dr. Cagle received his MD degree from the University of Tennessee College of Medicine in Memphis in 1981. After completing his pathology residency at the Baylor College of Medicine in Houston, Texas, from 1981 to 1985, he completed a fellowship in pulmonary pathology at the University of British Columbia in Vancouver, Canada, from 1985 to 1987. In 1987, he joined the faculty at Baylor College of Medicine and joined the faculty at Houston Methodist Hospital and Weill Cornell Medical College in 2004. Dr. Cagle is Co-Chair and co-author of the CAP/IASLC/AMP Lung Cancer Predictive Biomarker Guidelines, Chair of the CAP Cancer Biomarker Reporting Committee and Advisor to several other CAP Committees. He is current Program Committee Chair and former President of the Pulmonary Pathology Society as well as Education Council Chair for the Texas Society of Pathologists. He is editor of 16 textbooks on pulmonary pathology, editor of 2 electronic books, series editor for 3 book series and author of 100 book chapters and 200 journal articles. Dr. Cagle is a recipient of the CAP Distinguished Patient Care Award, the CAP Pathologist of the Year Award (2013), the Alfred Soffer Research Award from the American College of Chest Physicians and the Texas Society of Pathologists John J. Andujar, MD Citation of Merit Award.

CAPA/ACD Distinguished Pathologist Award

Hanlin L. Wang, MD, PhD, is a Professor of Pathology, Chief of Gastrointestinal Pathology and Director of Gastrointestinal/Liver Pathology Fellowship Program at David Geffen School of Medicine, University of California at Los Angeles. Dr. Wang graduated from Hubei Medical College (now Wuhan University School of Medicine) and obtained his PhD degree in Biomedical Sciences from Mayo Clinic. He completed pathology residency training at University of Chicago followed by gastrointestinal/liver pathology fellowship training at the same institution with Dr. John Hart. Dr. Wang’s research interests have been medical and neoplastic gastrointestinal and hepatobiliary diseases, with a focus on biomarkers that may have diagnostic, therapeutic or prognostic significance. His publications include more than 130 research articles, 34 book chapters, and two books (co-editors). Dr. Wang was one of the founding members of CAPA.

Jinsong Liu, MD, PhD, is a professor with tenure in the Department of Pathology at The University of Texas M. D. Anderson Cancer Center. He received his Ph.D. degree in Biochemistry from Case Western Reserve University in 1991 and completed his pathology residency and surgical pathology fellowship training at New York University School of Medicine from 1994 to 1999. He is certified by American Board of Anatomic Pathology. He joined the faculty in the Department of Pathology at The University of Texas M. D. Anderson Cancer in 1999 as an Assistant Professor and was promoted to Associate Professor in 2004 and professor in 2009 with tenure. Dr. Liu is an internationally recognized for his expertise in diagnosis of gynecologic malignancy and research achievements in ovarian cancer. His research has focused on inflammation, tumor microenvironment, cancer stem cells, and prognostic markers for ovarian cancer. Dr. Liu’s research has been continuously funded by more than 30 grants from different funding agencies in the past 15 years. Dr. Liu has been an editorial member of several reputable journals. Dr. Liu has co-authored 200 peer reviewed original publications and 22 reviews. Dr. Liu has been a member of CAPA since her establishment in 2003 and former president of CAPA (2013-2014).
CAPA Awards (Continued)

CAPA/Zu-Hua Gao Service Award

Marilyn M. Bui, MD, PhD, is Senior Member of the Anatomic Pathology Department, the Scientific Director of Analytic Microscopy Core, and the Program Leader of Anatomic Pathology Education at Moffitt Cancer Center. She is also a Professor and Director of Cytopathology Fellowship at the University of South Florida Morsani College of Medicine. She has expertise in sarcoma pathology, cytopathology, and digital pathology. In CAPA, she served as a member of the Executive Committee and chaired the Education Committee for the past two years. Recently Dr. Bui is recognized by The Pathologist magazine as one of its inaugural Top 100 Power List, which celebrates the exceptional achievements of those who have really had an impact on the field of pathology; and to highlight the truly groundbreaking work of laboratory medicine and its intrinsic role in patient care and the molecular revolution.

CAPA Member of the Year Award

Zongming Chen
MD, PhD
CAPA Treasurer for 2015-2018

Ruoqing Huang
MD, PhD
A Strong CAPA Supporter and Advocate

Fan Chen
MD, PhD
Co-chair for CAPA Membership and Publication Subcommittees 2015-2017

Huihong Xu
MD, PhD
Key Member of CAPA Finance Subcommittee 2015-2017

Lizhen Gui
MD, PhD
Chair for CAPA Membership Subcommittee 2015-2017

Lanjing Zhang
MD, MS
Co-chair for CAPA Education Subcommittee 2015-2017
CAPA Awards (Continued)

**CAPA/Gopath Best Abstract Award**

**First Prize:** Wei Wang, MD, PhD, MD Anderson. Risk stratification of additional chromosomal changes in chronic myelogenous leukemia in era of tyrosine kinase inhibitor therapy

**Second Prize:** Hongyan Dai, MD, PhD, University of Kansas. miR-139 in breast cancer tumors and serum a surrogate marker for tumor aggression

**Second Prize:** Qingqing Liu, MD, PhD, University of Massachusetts. Hemizygous deletion of RB1 gene in chromophobe renal cell carcinoma and its potential role in distinguishing chromophobe renal cell carcinoma from renal oncocytoma

**Third Prize:** Jinhua Piao, MD, St. Louis University. Vasodilator stimulated phosphoprotein (VASP) immunoreactivity is associated with lymphovascular invasion of colorectal adenocarcinoma (CRC) leading to liver and lymph node metastases

**Third Prize:** Wendi Zhou, MD, PhD, University of California at Los Angeles. Diagnostic utility of clusterin immunostaining in differentiating hepatocellular carcinoma from tumors of other origins

**Third Prize:** Bing Ren, MD, PhD, University of Pittsburgh. Programmed death ligand-1 (PD-L1) expression in mismatch repair deficient gastric tumors and gastric tumors positive for Epstein-Barr virus

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**CAPA/Motic Best Abstract Award**

**First Place Prize**
A new variant of phosphaturic mesenchymal tumor exclusively involving alveolar bone: a clinicopathological analysis of 17 cases

Huanwen Wu1, Marilyn M. Bui2, Yunxia Meng1, Lian Zhou3, Xinxin Mao1, Zhiyong Liang1, Dingrong Zhong1

1 Department of Pathology, Peking Union Medical College Hospital, Chinese Academy of Medical Science, Beijing, China
2 Department of Anatomic Pathology, Moffitt Cancer Center, Tampa, FL, USA
3 Department of Stomatology, Peking Union Medical College Hospital, Chinese Academy of Medical Science, Beijing, China

**Second Place Prize**
Zic2 promotes tumor growth and metastasis via PAK4 in hepatocellular carcinoma

Shi-Xun Lu1,2, Chris Zhiyi Zhang1,2, Rong-Zhen Luo1,2, Li-Li Liu1,2, Jia Fu1,2, Jing-Ping Yun1,2

1 Sun Yat-sen University Cancer Center; State Key Laboratory of Oncology in South China; Collaborative Innovation Center for Cancer Medicine, Guangzhou 510060, China
2 Department of Pathology, Sun Yat-sen University Cancer Center, Guangzhou 510060, China
Second Place Prize (Continued)
MicroRNA expression of Peripheral T and NK cell lymphomas in one hospital
Lin Feng1, Linshu Zeng2, Ling Shan2, Yanning Gao1, Yu Liu1, Ning Lv2, Shujun Cheng1, Xiaoli Feng2
1 State Key Laboratory of Molecular Oncology, Department of Etiology and Carcinogenesis, Cancer Hospital and Institute, Peking Union Medical College and Chinese Academy of Medical Sciences, Beijing, China
2 Department of Pathology, Cancer Hospital and Institute, Peking Union Medical College and Chinese Academy of Medical Sciences, Beijing, China

Third Place Prize
Parameters associated with recurrence of pT1N0 esophageal squamous cell carcinoma after radical esophagectomy
Liyan Xue1§, Xiumin Qin2, Yong Liu2, Jun Liang3, Feiyue Feng4, Hua Lin5, Zhouguang Hu1, Yueming Zhang2, Xuemin Xue1, Liqun Ren1,6, Shuangmei Zou1, Xiuyun Liu1, Yanling Yuan1, Jianming Ying1, Luhua Wang3, Sanford M. Dawsey7, Guiqi Wang2, Ning Lu1
1 Department of Pathology, Cancer Institute & Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
2 Department of Endoscopy, Cancer Institute & Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
3 Department of Radiation Oncology, Cancer Institute & Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
4 Department of Thoracic Surgery, Cancer Institute & Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
5 Department of Medical Record, Cancer Institute & Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China
6 Department of Pathology, Chengde Medical College, Chengde, China
7 Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, Maryland, USA

High Risk HPV Testing and Report Rate: Result from the Largest CAP Certified Independent Laboratory in China
Baowen Zheng1, Zaibo Li2, Zhenyu Zeng1, Congde Chen1, Ja You1, Lingyun Tan1, Chengquan Zhao3
1 Guangzhou Kingmed Diagnostics, Guangzhou, Guangdong
2 Department of Pathology, Ohio State University Medical Center, Columbus, Ohio
3 Department of Pathology, Magee-Women's Hospital of UPMC, Pittsburgh, PA

Endocervical curettage should be performed in women older than 35 with cytological high-grade squamous intraepithelial lesions or carcinomas regardless of colposcopy impression
Yan Song1, Yu-Qian Zhao2, Ling Li1, Qin-Jin Pan1, Wen-Hua Zhang3, Fang-Hui Zhao2, Wen Chen2, Xun Zhang1, You-Lin Qiao2
1 Department of Pathology
2 Department of Epidemiology
3 Department of Gynecology
Cancer Institute & Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China
CAPA Past Presidents Recognition

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

CAPA Executive Committee

Fan Lin (President 2015-2016)
Huamin Wang (President 2016-2017)
Ping Tang (President-elect 2017-2018)
Jim Zhai (Past President 2014-2015)
Zongming Chen (Treasurer)
Marilyn Bui
Guoping Cai
Lizhen Gui
Chen Liu
Huan-You Wang
Lanjing Zhang
Jun Zhang

CAPA Publication Subcommittee/Editing Team

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

Design for Brochure

Fan Chen (2016)
Huihui Ye (2015)
Zenggang Pan (2015)

Website Master

Jie Song
CAPA Lifetime Members

Bu, Lihong  
Cai, Jianping  
Chen, Baorong  
Chen, Fan  
Chen, Fayu (Mark)  
Chen, Helen  
Chen, Longwen  
Cheng, Liang  
Cheng, Lirong  
Fan, Rong  
Gui, Lizhen  
Hu, Huankai  
Huang, Ruoqing  
Jiang, Ming  
Jiang, Yuying  
Lee, Peng  
Li, Hong Catherine  
Li, Shuan  
Liang, Mei  
Liang, Songlin  
Lin, Fan  
Lin, Jingmei  
Liu, Haiyan  
Liu, James  
Liu, Jinsong  
Liu, Wendy  
Liu, Wenhua  
Luo, Frank  
Luo, Pifu  
Ma, Xiaoling  
Pei, Zhiheng  
Pu, Robert  
Qian, Xiaohua  
Shen, Steven  
Shen, Youjun  
Sun, Wei  
Tan, Dongfeng  
Tang, Daniel  
Tang, Ping  
Tang, Wozhan  
Wang, Beverly  
Wang, Hanlin  
Wang, Liang (Larry)  
Wu, Chin-Lee  
Xiao, Shu-Yuan  
Xie, Silvia Xiuyan  
Xin, Wei  
Xu, Huihong  
Xu, Xiaomeng  
Yang, Bin  
Yang, Hongyu  
Yang, Ximing  
Ye, Huihui  
Yin, Hong (Julie)  
Yu, Hongbo  
Yu, Limin  
Zhai, Jim (Qihui)  
Zhang, David  
Zhang, Jun  
Zhang, Lanjing  
Zhao, Xiaohong  
Zhao, Chengquan  
Zhao, Xiaohui  
Zhao, Song Qing  
Zheng, Wenxin  
Zhou, Chen  
Zhou, Zhongren  
Zu, Youli

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Fang Fan, MD, PhD  
University of Kansas Medical Center  
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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  
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UT MD Anderson Cancer Center  
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Beverly Wang, MD  
UC Irvine Medical Center  
Hanlin Wang, MD, PhD  
UCLA  
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University Hospital Case Medical center  
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Jim (Qihui) Zhai, MD  
Mayo Clinic  
Lanjing Zhang, MD, MS  
University Medical Center of Princeton at Plainsboro; Rutgers University  
Jun Zhang, MD  
Mayo Clinic  
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<table>
<thead>
<tr>
<th>RARE/UNCOMMON SUBTYPE</th>
<th>PERTINENT TUMOR DRIVER</th>
<th>FDA APPROVED TARGETED THERAPIES</th>
<th>FDA APPROVED THERAPIES IN ANOTHER TUMOR TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Serous Ovarian Cancers, e.g. Ovarian Clear cell</td>
<td>BRCA1/2, FGFR1/2/3, AKT1/2, PALB2</td>
<td>Olaparib</td>
<td>Trastuzumab, Pertuzumab, Paclitaxel, Ponsatinib, Temsirolimus, Everolimus, Olaparib and others</td>
</tr>
<tr>
<td>Pancreatobiliary Cancers:</td>
<td>FGFR2, BRAF, PTEN, BRCA1/2, ERBB2</td>
<td>Patupilimab</td>
<td>Azacitidine, Decitabine, Trastuzumab, Pertuzumab, Axitinib, Pazopanib, Nebivolol, Trametinib, Vemurafenib, Everolimus, Trastuzumab, Pertuzumab</td>
</tr>
<tr>
<td>Cholangiocarcinoma</td>
<td>BRAF, PTEN, BRCA1/2, ERBB2</td>
<td>Patupilimab</td>
<td>Olaparib, Citrimumab, Erlotinib, Lapatinib, Pertuzumab, Trastuzumab, Temsirolimus, Everolimus, Olaparib</td>
</tr>
<tr>
<td>Pancreas</td>
<td>BRAF, PTEN, BRCA1/2, ERBB2</td>
<td>Patupilimab</td>
<td>Trastuzumab, Pertuzumab, Citrimumab, Lapatinib, Temsirolimus, Everolimus, Olaparib</td>
</tr>
<tr>
<td>Gallbladder</td>
<td>BRAF, PTEN, BRCA1/2, ERBB2</td>
<td>Patupilimab</td>
<td>Trastuzumab, Pertuzumab, Citrimumab, Lapatinib, Temsirolimus, Everolimus, Olaparib</td>
</tr>
<tr>
<td>Uncommon subtypes of breast cancer</td>
<td>CCND1, BRCA1/2, EGFR, ERBB2, PKS1, NK1, STK11, AKT2/3, PTK6</td>
<td>Patupilimab</td>
<td>Olaparib, Citrimumab, Erlotinib, Lapatinib, Pertuzumab, Trastuzumab, Temsirolimus, Everolimus</td>
</tr>
<tr>
<td>Salivary Gland</td>
<td>ERBB2, EGFR, PTEN, BRCA1/2, BRAF</td>
<td>Trastuzumab, Pertuzumab, Citrimumab, Lapatinib, Temsirolimus, Everolimus, Olaparib</td>
<td></td>
</tr>
</tbody>
</table>

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