



CAPA e Newsletter



CHINESE AMERICAN PATHOLOGISTS ASSOCIATION

~ 全美华人病理学会 ~

VOLUME 3 ISSUE 2 2017

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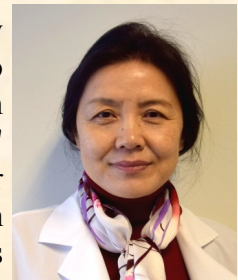
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Fan Chen



A Note from President

Dear all:
Thanks for the HUGE effort from each committee and many of you, we have made great progress in each area in last few months. With help from many of you, our Education Committee and Membership Committee are organizing the Third CAPA Pathology Diagnostic Meeting in Chicago this August; and our Weekly Online Educational courses has been a huge success with great participation from both residents/fellows and practicing pathologists; and the preparation of our first Overseas CME Meeting in Dali, China is also underway. Our Newsletter Committee has published the first issue of Newsletter earlier this year with added sections for Interesting Case Presentations and Cooking Recipes. Our Website Committee has completed the newly designed website with member only forum, which has access to interesting cases and exciting recipes, etc. Currently, the Membership Committee is working very hard

to recruit new members and to reconnect with our "lost" members. Our Public Relation Committee has been working tirelessly to make our organization financially stronger, and for the first time, besides company sponsorship, we have received significant private donation from our own members. Also, our Award Committee is in preparation to get various CAPA awards ready for the next annual meeting in Vancouver. Our Career Development Committee has organized a webinar for newly matched pathology residents earlier this year, and there will be Career Development Session during this August CAPA Meeting in Chicago.



Here, we have proved again, working together, we can make a CAPA Better and Stronger.

Have a great summer!

Ping Tang, CAPA president (2017-2018)

CAPA Chicago Course 2017 Flyer

SAVE THE DATE

Chinese American Pathologist Association (CAPA)

**THE THIRD ANNUAL CAPA PATHOLOGY SYMPOSIUM:
HOT AND PRACTICAL TOPICS IN DIAGNOSTIC PATHOLOGY**

Up to 10.75 AMA PRA Category 1 CME credit

August 19 – 20, 2017

Saturday (7:00am -5:00pm), Sunday (7:00am -2:30pm)

Northwestern University Medical School Auditorium, Chicago, Illinois

CAPA member: \$150

Non-CAPA member: \$200

Residents and Fellows: \$75

Stay in Hyatt Centric Chicago Magnificent Mile for under \$200

(Discount rate end July 24, 2017)

Please make your calendar and make hotel reservation for this exciting 2-day CME event!

Additional sessions:

Case presentation; Career development; Taking professional photographs

Social activity:

2017 Chicago Air and Water Show (Saturday and Sunday, FREE!!!)

Organizing Committee:

Ping Tang, Wei Xin, Ximing Yang, Hanlin Wang, Shuyuan Xiao, Yun Gong, Guoping Cai, Eric Chen, He Wang, Lanjing Zhang, Lizhen Gui, Chunhua Cui, Yaxia Zhang

CAPA Chicago Course 2017

Hot and Practical Topics in Diagnostic Pathology-2017 Chicago

The 3rd CAPA Diagnostic Pathology Course

Saturday, August 19 – August 20, 2017
Northwestern University Medical School Auditorium
Chicago, Illinois

Sponsored by:

Chinese American Pathologists Association
(CAPA)

Organizing Committee:

Ping Tang, MD, PhD (Chair); Wei Xin, MD,
PhD (co-chair)

Ximing Yang, MD, PhD; Hanlin Wang, MD,
PhD; Shuyuan Xiao, MD; Yun Gong, MD, PhD;
Guoping Cai, MD; Eric (Zongming) Chen, MD,
PhD; He Wang, MD, PhD; Lanjing Zhang, MD;
Lizhen Gui, MD, PhD; Chunhua Cui, MD; Yaxia
Zhang, MD, PhD

Conference Overview: This 2-day course provides in-depth coverage on the hot topics including recent advance in molecular pathology and practical topics including those commonly encountered in daily diagnostic pathology in a format of didactic lectures and case-based presentations. The course will be presented by national experts across all subspecialties of diagnostic pathology. The course will address the questions and challenges and provide the updates and pearls in diagnostic pathology that practicing pathologists encounter in day-to-day practice, help the practicing pathologists to avoid the commonly encountered diagnostic errors and become proficient different subspecialties, and help residents and fellows with their subspecialty board exam preparations. The newly added on case discussion will provide ample opportunity for pathologists from academic and private practice to have face to face discussion.

Intended Audience and Conference**Objectives:**

This course is intended primarily for practicing pathologists, fellows, residents and other health

care professionals. At the conclusion of this course, participants should be able to:

- Learn the recent advance in molecular pathology in each subspecialty
- Recognize the diagnostic traps that are commonly encountered in daily diagnostic pathology of different organ systems
- Demonstrate improvement in diagnostic skills in problematic cases

Accreditation:

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Lewis Katz School of Medicine at Temple University and the Chinese American Pathologists Association (CAPA). The Lewis Katz School of Medicine at Temple University is accredited by the ACCME to provide continuing medical education for physicians. (A maximum of 10.75 *AMA PRA Category 1 Credit(s)*TM)

Please check www.capa-ht.org for **registration** and **hotel information**.

Registration fees:

Course Faculty and Fellow/residents in training
(Providing a letter of Proof from program): \$75

Regular member: \$150

Nonmember: \$200

**Place: Lurie Comprehensive Cancer Center,
303 E Superior St, Chicago**

**Parking: 321 E Erie St, Chicago (Hospital
parking): \$48/24hr**

(Cont'd on Page 4)

CAPA Chicago Course 2017 (Cont'd)

(Cont'd from Page 3)

PROGRAM

Saturday: Room 1 (Baldwin Auditorium)

7:00 - 8:00 am: Registration and Light Breakfast (provided by CAPA)

8:00 - 8:10 am: Welcome and Introduction – Ping Tang, MD, PhD

8:10 - 8:15 am: Welcome from Northwestern - Guang-Yu Yang, MD, PhD

8:15 - 8:55 am: Keynote: Liang Cheng, MD: Molecular Pathology for General Pathologists

9:00 - 10:30 am: Session #1: GI/liver 1
Moderator: Hanlin Wang

9:00 - 9:20 am: Hanlin Wang, MD, PhD (Serrated lesions)

9:20 - 9:35 am: Zongming Chen, MD, PhD

9:35 - 9:50 am: Jinmei Lin, MD, PhD

9:50 - 10:05 am: Chen Liu, MD, PhD

10:05 - 10:20 am: Xiuli Liu, MD, PhD

10:20 - 10:30 am: Q&A

10:30 - 10:45 am: Coffee Break

10:45 - 12:15 pm: Session #2: Breast Pathology
Moderator: Ping Tang

10:45 - 11:05 am: Beiyun Chen, MD, PhD (Update in Breast pathology)

11:05 - 11:20 am: Yan Peng, MD, PhD

11:20 - 11:35 am: Yun Wu, MD, PhD

11:35 - 11:50 am: Hong Zhang, MD, PhD

11:50 - 12:05 pm: Hua Yang, MD

12:05 - 12:15 pm: Q&A

12:15 - 1:00 pm: Lunch (provided by CAPA)

Room 1 (Baldwin Auditorium)

1:00 - 2:30 pm: Session #3: GI/liver 2
Moderators: Shuyuan Xiao

1:00 - 1:20 pm: Shuyuan Xiao, MD

1:20 - 1:35 pm: Huamin Wang, MD, PhD

1:35 - 1:50 pm: Wei Xin, MD, PhD

1:50 - 2:05 pm: Ruliang Xu, MD, PhD

2:05 - 2:20 pm: Guangyu Yang, MD, PhD

2:20 - 2:30 pm: Q&A

2:30 - 2:45 pm: Coffee Break

2:45 - 4:35 pm Session #4: GU pathology
Moderator: Steve Shen

2:45 - 3:05 pm: Ming Zhou, MD, PhD (Prostate pathology)

3:05 - 3:20 pm: Yingbei Chen, MD, PhD

3:20 - 3:35 pm: Qinghu Ren, MD, PhD

3:35 - 3:50 pm: Huihui Ye, MD, PhD

3:50 - 4:05 pm: Miao Zhang, MD

4:05 - 4:25 pm: Ximing Yang, MD, PhD

4:25 - 4:40 pm: Q&A

Room 2 (Searle Seminar Room)

1:00 - 2:30 pm: Session #5: Cytopathology
Moderator: Yun Gong

1:00 - 1:20 pm: Yun Gong, MD

1:20 - 1:35 pm: Yaxia Zhang, MD, PhD

1:35 - 1:50 pm: Xiaoqi Lin, MD, PhD

1:50 - 2:05 pm: Marilyn Bui, MD, PhD

2:05 - 2:20 pm: Xiaohua Qian, MD, PhD

2:20 - 2:30 pm: Q&A

2:30 - 2:45 pm Break

2:45 - 4:30 pm: Session# 6: Hemepathology, dermatopathology and beyond
Moderator: Feng Li

2:45 - 3:05 pm: Feng Li, MD, PhD, JD (Forensic pathology)

3:05 - 3:25 pm: Yihua Chen, MD

3:25 - 3:45 pm: Limin Yu, MD

3:45 - 4:05 pm: Jia Ye, MD (Future Pathology)

4:05 - 4:30 pm: Q&A

4:40 - 5:00 pm: group photo

5:00 - 11:00 pm: CAPA Dinner for registered participants

(Bus provided between meeting place and Restaurant)

New Furama Restaurant, Phone 312-255-6888

(Cont'd on Page 5)

CAPA Chicago Course 2017 (Cont'd)

(Cont'd from Page 4)

Sunday

7:30 - 8:30 am: Registration and Light Breakfast
(provided CAPA)

Room 1 (Baldwin Auditorium)

8:30 - 12:00 pm: Sessions #7: General Pathology
Moderators: Haodong Xu

8:30 - 8:50 am: Haodong Xu, MD, PhD
8:50 - 9:05 am: Dengfeng Cao, MD, PhD
9:05 - 9:20 am: Huihong Xu, MD, PhD
9:20 - 9:35 am: Guoping Cai, MD
9:35 - 9:45 am: Q&A

9:45 - 10:05 am: Coffee Break

10:05 - 11:50 am: Session 8: Open case
discussions Moderators: Wei Xin

Haiyan Chen
Chunhua Cui
Xiuzhen Duan

Shunyou Gong
Xueli Hao
Wendy Liu
Lijuan Wang
Bihong Zhao

11:50 - 12:00 pm: Closing remarks for CME
activity

12:00 - 1:00 pm: Lunch (provided by CAPA)

Sunday afternoon are non-CME activity.

Room 1 (Baldwin Auditorium)

1:00 - 2:30 pm: Career and Leadership
development Panel discussion: Guang-Yu Yang,
Lirong Cheng, Andy Ke, Marilyn Bui, Chen Liu
and Yun Gong

Room 2 (Searle Seminar Room)

1:00 - 2:30 pm: Photograph for beginners and
beyond: Xiaoping Sun, Ximing Yang

2:30 pm: CAPA meeting adjourn

Faculty List (Alphabetically):

Marilyn Bui, MD, PhD
Beiyun Chen, MD, PhD
Zongming(Eric) Chen, MD, PhD
Fang Fan, MD, PhD
Feng Li, MD, PhD, JD
Chen Liu, MD, PhD
Xiaohua Qian, MD, PhD
Xiaoping Sun, MD
Huamin Wang, MD, PhD
Wei Xin, MD, PhD
Ruliang Xu, MD, PhD
Ximing Yang, MD, PhD
Limin Yu, MD
Yaxia Zhang, MD, PhD

Guoping Cai, MD
Yingbei Chen, MD, PhD
Liang Cheng, MD
Yun Gong, MD
Jingmei Lin, MD, PhD
Xiuli Liu, MD, PhD
Qinghu Ren, MD, PhD
Ping Tang, MD, PhD
Yun Wu, MD, PhD
Haodong Xu, MD, PhD
Guangyu Yang, MD, PhD
Huihui Ye, MD, PhD
Hong Zhang, MD, PhD
Ming Zhou, MD, PhD

Dengfeng Cao, MD, PhD
Yihua Chen, MD
Lirong Cheng, MD
Andy Ke, MD, PhD
Xiaoqi Lin, MD, PhD
Yan Peng, MD, PhD
Steven Shen, MD
Hanlin Wang, MD, PhD
Shuyuan Xiao, MD
Huihong Xu, MD
Hua Yang, MD
Jia Ye, MD
Miao Zhang, MD

Open Letter for Potential CAPA Sponsors

July 12, 2017

Dear Sir/Madam:

Chinese American Pathologists Association (CAPA 全美华人病理协会) is a non-for-profit organization of the Chinese American pathologists in the United States and Canada who are either in practicing or in training. Since its establishment in 2003, with the continuous and collective efforts from our past presidents, officers of all subcommittees, and all active members, CAPA has developed as a national and internationally recognized pathologist organization with over 700 members today.



CAPA consists of a very broad membership in both academic and private practice; and in Anatomic Pathology as well as Clinical Pathology; with both "experienced" and "young" pathologists. As a group, we are extremely accomplished, with many nationally and internationally known pathologists and tenured professors in all major academic institutions. Also, we have members serve as Department Chairs and Directors for anatomic pathology, cytopathology, and resident/fellowship training programs in top US/Canadian universities across the country. Some of our members also serve in high level leadership position in non-academic health organizations as well as in private sectors.

The #1 mission of CAPA is to serve our members. By providing educational opportunities (Annual Diagnostic Meeting, Weekly online educational course, independent CAPA session with other national and international pathology societies), and by promoting communication, friendship and knowledge/information exchanging during our Annual Business Meeting and other social/educational events, and by promoting young pathologists with numerous awards and career consultation; we have continually drawn more new members joining our organization. It currently has over 700 registered members, representing about half of the 1400 Chinese American practicing pathologists in the US and Canada.

As a non-for-profit organization, our funds are mainly from the generosity donations from our sponsors and the membership dues. In order to better serve our members and to provide greater impact for our community, we would appreciate any level of sponsorship from your company (please see attached form for details).

We thank you in advance for your consideration to sponsor this truly unique organization. If you have any question, please do not hesitate to contact me directly.

Sincerely yours,

Ping Tang, MD, PhD
CAPA President 2017-2018

Professor of Pathology
Director of Anatomic Pathology
Department of Pathology
Loyola University Medical Center
Maywood, IL
Phone: 708-327-3367
e-mail: ping.tang@lumc.edu

CAPA Executive Committee:

President: Ping Tang, MD, PhD; **President-Elect:** Yun Gong, MD, PhD (2018-19); **Immediate president:** Huamin Wang, MD, PhD
Executive Members: : Marilyn Bui, MD, PhD; Guoping Cai, MD, PhD; Linseng Zhang, MD, PhD; Lirong Chen, MD; Huan-You Wang, MD, PhD; Andy Ke, MD; Wei Xin, MD, PhD **Treasurer:** Zongming Eric Chen, MD, PhD

CAPA Successfully Organized Sections at the 10th Congress of Asia Pacific International Academy of Pathology (APIAP) in Bali, Indonesia

On behalf of CAPA, Dr. Huamin Wang, Dr. Jing Zhang and Dr. Qihui “Jim” Zhai had successfully organized two sections on the molecular pathology of solid tumors and one section on head and neck pathology at the 10th Congress of Asia Pacific International Academy of Pathology (APIAP) in Bali, Indonesia in April this year. CAPA was listed as an official sponsor in the meeting brochure and in the meeting program of this major international meeting, another milestone for CAPA.

Drs. Huamin Wang, Jing Zhang, Qihui “Jim” Zhai, and Ping Tang chaired the sections for the molecular pathology of solid tumors. Six expert pathologists from CAPA presented the most recent advances and updates on diagnostic molecular pathology of solid tumor. Their topics are listed below:

1. Hui Chen, MD, PhD, Next generation sequencing in personalized care of cancer patients.
2. Jing Zhang, MD, PhD, Updates on molecular diagnostics of brain tumors.
3. Yun Gong, MD, PhD, The role of cytology in the era of molecular medicine.
4. Huamin Wang, MD, PhD, Microsatellite instability in therapy and prognostication of colorectal cancer.

5. Liang Cheng, MD, PhD, Molecular pathology of lung cancer: Biologic, Prognostic, and Therapeutic Insights.
6. Yun Wu, MD, PhD, Molecular Classification and Testing in Personalized Therapy of Breast Cancer.

The head and neck pathology section was chaired by Drs. Qihui “Jim” Zhai, Peng Lee and Honggang Liu. Two expert pathologists from CAPA have given the timely lectures on head and neck pathology.

1. Qihui “Jim” Zhai, MD, PhD, Morphologic variants and clinical significance of head and neck squamous cell carcinoma.
2. Beverly Wang, MD, PhD, Immune and molecular markers in head and neck pathology

In addition, Dr. Yun Wu and Dr. Ping Tang presented lectures and interesting cases in the breast pathology sections. Dr. Steven Shen and Dr. Liang Cheng presented in the genitourinary pathology section. Dr. Jing Zhang presented at the neuropathology section. Dr. Xiaohua Qian presented in soft tissue and bone pathology.

We thank all CAPA speakers and section chairs who participated in the 10th Congress of APIAP for their contribution to this major CAPA initiative. Job well done!



The CAPA Committees Brief Reports

The Education committee

The main task of this period is to prepare the incoming meeting.

1. 3rd CAPA diagnostic course in Chicago (Aug 19-20). Confirmed all the speakers (Chunhua Cui and Yaxia Zhang)(speakers selection was done before the takeover), published the program book and applied for the CME credits from Tampa University (Led by He Wang)
2. CAPA-Beijing Summit meeting (Sept 1-2). Called for the speakers, selected and confirmed all the speakers (All members of the education committee). The list of the speakers has been submitted to the organizers of Beijing meeting.
3. CAPA Dali meeting (Oct 20-21). Selected and confirmed all the speakers (most of the selections were done before the takeover). Obtained CME credit approval from CAP. Published the program book. This is the first ever CAP approved overseas CME course. Set up the meeting attendee registration (Chunhua Cui) and online payment collection.
4. Chinese Society of Pathologist (CSP) annual meeting (Oct 25-29). Called for the speakers. Still under negotiation with CSP

CAPA course in annual CAP meeting is cancelled due to the inconvenient schedule (Lanjin Zhang)

Chair: Wei Xin, Co-chair: Shuyuan Xiao

Members: Chunhua Cui, Yaxia Zhang, Bihong Zhao, Shunyou Gong, Hanlin Wang, Ximing Yang, Lanjing Zhang, He Wang, Linsheng Zhang, Zhengang Pan, Limin Yu

The Online education subcommittee:

The CAPA online education subcommittee officially launched Online Education program Pathology Lecture series on March 18, 2017. So far we have completed 12 lectures on genitourinary pathology, gastrointestinal pathology and Dermatopathology, and 3 expert special lectures. At the time of this report, 628 pathologists and trainees have registered to join the program. The program is well accepted in our Chinese American Pathologist community with attendees of each lecture ranging from 189 to 287. A few pathologists from mainland China also joined the meeting. We received very encouraging comments in WeChat groups for every meeting. The program will

continue to cover other topics of each subspecialty of anatomic pathology and Hematopathology.

CAPA Online Education Subcommittee thanks the contributions of the following speakers for their great lectures:

Special Topics Expert Lectures:

Drs. Ming Zhou (GU pathology); Xiuli Liu (GI pathology) and Zenggang Pan (Hematopathology).

Genitourinary Pathology: Drs. Xiangtian (Max) Kong; Qinghu Ren and Lihong Bu

Gastrointestinal Pathology: Drs. Changqing (Cathy) Ma; Zhiyong Ren; Qing (Grace) Zhao; Wei Jiang; Guoli Chen; Xuchen Zhang and Baojin Fu;

Dermatopathology: Drs. Hongyu (Henry) Yang and Limin Yu

Chair: Linsheng Zhang

Co-Chairs: Zenggang Pan, Limin Yu

Members: Baojin Fu, Xiangtian (Max) Kong, Deyin Xing, Dehua Wang, Xiaoxian (Bill) Li, Zhiyong Ren, Chen Zhang, Hong Xiao, Zaibo Li, Yaxia Zhang, Jianying Zeng

The Career development committee:

Career development committee organized a new pathology resident welcome webinar on 4/16/2017. The meeting lasted close to 4 hours with opening remarks from current CAPA president Dr. Ping Tang and presentations from CAPA EC members Drs. Lirong Cheng, Linsheng Zhang, the well-known resident/fellow educator Dr. Zenggang Pan, and two PGY1 residents (Drs. Hong Jiang and Rong Xia). 34 Chinese medical graduates (29 matched to pathology residency this year and 5 current pathology residents) all over the country attended the online meeting. Currently, Drs. Pan and Zhang are also active members of the resident/fellow WeChat groups to discuss residency/fellowship trainings and career development with Chinese pathology trainees of all PGY levels.

Chair: Linsheng Zhang

Residents, Fellows, and Prospective Pathology Residents:

Chair: Wei Xin

Co-chair: Xiaohua Qian

Academics Subcommittee

Chair: Jiaoti Huang

Co-chair: Fang Fan
Private Subcommittee

Chair: Andy Ke

Co-Chair: Song Qing
Zhao

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The CAPA Committee Brief Report

Cont'd from Page 8)

eNewsletter Committee:

The quarterly eNewsletter is one of the important means CAPA uses to communicate with all members. Besides traditional items we have published since its conception, we added new categories since the 1st issue in 2017, these include Art /photos, Case of Quarter (COQ), and Recipes of Quarter (ROQ), we hope these new features will make the eNewsletters more fun to read and more importantly, we want you to participate by sending us your favorite case, recipe, or meaningful art so that all of us can enjoy. All of us from the eNewsletter Committee are striving to bring you the news you want to read and use. Thank you.

Chair: Huan-You Wang

Co-chair: Fan Chen

Members: Yanxia Li, Guilan Chen, Hui Guan

The Website Committee

We have built a new CAPA website to replace the original one that had been in service since the beginning of CAPA. The new website (URL: www.capaht.org or www.capa-ht.org) is based on the popular open-source content management system WordPress. It allows us to create a more vivid, image-rich front page. It is easier to maintain and update as well. In addition, a password-protected user system is set up to provide a secure online forum for CAPA members who wish to share their interesting pathology cases, job information, or any other topics.

Potential future projects include improving the cosmetic appearance of CAPA website, facilitating case discussion, and making a more robust user management system to help streamline meeting registration and fee payment. Any CAPA members who are interested in web designing, programming or simply message posting are welcome to join our committee.

Chair: Andy Ke

Webmaster: Jie Song

Members: Guilan Chen, Yanxia Li, and Fayu Chen.

The Public Relation Committee

We are pleased to report that, this year, CAPA continues to receive the support of our fellow members, friends and biomedical companies. Like last year, Foundation One has made a very generous donation to us and we really do appreciate their strong support.

We are also happy to see the circle of CAPA friends continuing to grow, with increased support from other biotech and diagnostic companies, some of whom have already made multiple contributions to several of our projects within short a period time of getting knowing us. Many of our members are actively conducting outreach to a variety of businesses. Among them, we especially would like to thank Drs. Ping Tang, Quin Ru, Zhiwei Ma, Jimmy Yang, Huihong Xu, Xiaoqi Lin, Jim Zai, and Peng Li for their extra efforts in connecting us with potential donors and their help in securing additional funds.

Last but not the least, we wanted to mention that one of our senior members has made a significant private donation to CAPA, though wishes to remain anonymous. On behalf of the organization, we would like to thank this member's generosity and longstanding commitment.

Chair: Lirong Cheng

Co-Chair: Peisha Yan, Feng Li

Members: Huihong Xu, Zhiwei Ma, Xin Jin

The Membership Committee

The Membership Committee currently has 13 members chaired and co-chaired by Guoping Cai, Chunhua Cui, Qing Ding, Xiuli Liu, and Qinghua Ren. Other members include Xuemo Fan, Xin Han, Zhihong Hu, Fang Qian, Kevin Ren, Rong Xia, Wei Zhang, and Lee-Ching Zhu.

Our membership continues to grow. Since the annual meeting in San Antonio, more than 50 pathologists have joined our society and 11 become lifetime members. We have updated membership directory, sorted out membership categories and tried to reach out to inactive members with an effort to have more active member participation in the activities of our society. We are currently working closely with the Organizing Committee and Education Committee on the preparations for the Third CAPA Pathology Symposium in Chicago.

New lifetime members: Lulin Hu, Chunjie Wang, Gang Xu, Jinru Shia, Qinglong Hu, Bin Zhao, Rulong Ren, Yan Gu, Xiuzhen Duan, Donglin Xie and Wei Zhang.

Chair: Guoping Cai

Co-chairs: Chunhua Cui, Qing Ding, Xiuli Liu, Qinghua Ren

Members: Zhihong Hu, Fang Qian, Kevin Ren, Wei Zhang, Lee-Ching Zhu, Rong Xia

Recent Achievements from CAPA Members

Honors and Achievements

Peng Yan of UTSW

1. Editorial Board member, Human Pathology
2. Member, Abstract Review Board of USCAP (Breast Pathology Category) (2017-2020)
3. President-elect, North Texas Society of Pathologists
4. President, Faculty Senate of UT Southwestern Medical Center (2017-2018)

Recent Publications from CAPA Members

Hu Z, Medeiros LJ, Wang W, Chen Z, Tang G, Hodjat P, Yang S, Fang L, Li Y, Verstovsek S, Hu S. 3q26.2/EVI1 rearrangement is associated with poor prognosis in classical Philadelphia chromosome-negative myeloproliferative neoplasms. *Mod Pathol.* 2017 Jul;30(7):940-951.

Wu H, Bi J, **Peng Y**, Huo L, Yu X, Yang Z, Zhou Y, Qin L, Xu Y, Liao L, Xie Y, Conneely OM, Jonkers J, Xu J. Nuclear receptor NR4A1 is a tumor suppressor down-regulated in triple-negative breast cancer. *Oncotarget.* 2017 Apr 29.

Peng Y*, Butt Y, Chen B, Zhang X, Tang P. Update on immunohistochemical analysis in breast lesions. *Early On-line Release, doi: 10.5858/arpa.2016-0482-RA, June, 2017, Archives of Pathology & Laboratory Medicine*

Wang HY and Zu Y. Diagnostic algorithm of common mature B-cell lymphomas by immunohistochemistry. *Arch Pathol Lab Med.* 2017 Jun 13. doi: 10.5858/arpa.2016-0512-RA.

Wang HY and Hodkoff A. Cyclin D1-negative blastoid mantle cell lymphoma exhibiting cleaved to bilobated cytomorphology. *Blood.* 2017;11:129

Wang HY. Large B-cell lymphoma variant of Richter transformation originates in pseudoproliferation centers of small lymphocytic lymphoma. *Blood.* 2017;129:2592.

Ronaghy A, **Wang HY**, et al. PD-L1 and Notch1 expression on KSHV/HHV-8 and EBV associated germinotropic lymphoproliferative disorder: case report and review of the literature. *Pathology.* 2017;49:430-435.

Yang H, Yu L. Cutaneous and Superficial Soft Tissue CD34(+) Spindle Cell Proliferation. *Arch Pathol Lab Med.* 2017 Jun 22.

Case of Quarter (COQ) for CAPA eNewsletter From Last Issue

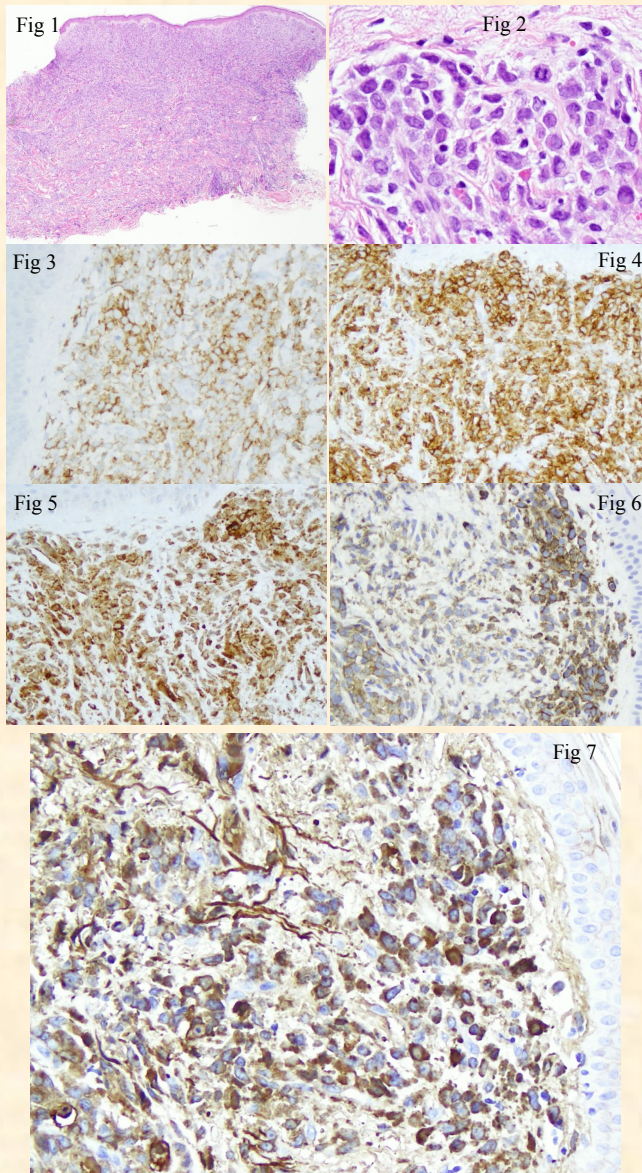
Submitted by HY Wang, UC San Diego

Part 1.

Clinical History: The patient is a 71 years old female with a history of para-protein due to lymphoplasmacytic lymphoma. She is now presented with generalized infiltrative orange-yellow papules coalescing into annular plaques. This biopsy was taken from epigastric region.

H&E and relevant immunohistochemistry: As shown in Figure 1, there is a diffuse dermal infiltrate dissecting the collagen. On higher magnification (Figure 2), there atypical cells are medium-sized to large cells with irregular nuclear contours.

A panel of immunohistochemistry (IHC) was performed. These atypical cells are positive for CD56 (Fig 3), CD4 (Fig 4), CD68 (Fig 5), CD45RO (Fig 6) and Lysosome (Fig 7).



Part 2.

The **differential diagnosis** based on H&E alone includes:

1. Transformed large B-cell lymphoma;
2. Blastic plasmacytoid dendritic cell neoplasm (BPDCN).
3. Anaplastic large cell lymphoma;
4. Leukemia cutis;
5. NK/T-cell lymphoma; and Neuroendocrine carcinoma, large cell.

Further work-up:

Because of positive *CD56*, *synaptophysin* and *chromogranin* were performed and both were negative. Because of irregular nuclear contours, high N:C ratio, and eosinophilic cytoplasm in some of the cells, commonly used leukemic markers such as *CD34*, *CD117* and *MPO* were performed and they were negative; however, since the atypical cells are positive for *CD4*, other monocytic markers including *CD68* (Fig 5), *CD45RO* (Fig 6) and *lysozyme* (Fig. 7) were all positive, thus a leukemic cutis was established. Because of *CD4(+)/CD56(+)* immunophenotype, further IHCs including *CD123* and *TdT* were performed, the leukemic cells were negative (data not shown), thus BPDCN was ruled out. Furthermore, the atypical cells are negative for *CK20*, *pan-keratin*, melanocytic (*S100* and *Mart 1*), B-cell (*CD19*, *CD79a*, and *PAX-5*), and T-cell (*CD2*, *CD3*, and *CD7*) and Langerhans (*CD1a*) antigens. *EBV* was negative. One positive antigen, which was not shown here, is *CD43*.

Diagnosis: Leukemia cutis (acute monocytic leukemia involving skin).

Brief summary and take home message:

Leukemia cutis, like myeloid sarcoma, can occur before, simultaneous, or after peripheral blood and bone marrow diagnosis of acute leukemia. In this case, it was difficult to diagnose leukemia cutis because an acute myeloid leukemia (AML) was not yet diagnosed at the time of this biopsy. In fact, when I was called by attending hematologist regarding this diagnosis, I asked the him to work-up for AML - 7 days after the leukemia cutis, an AML was diagnosed based on her marrow biopsy.

Positive *CD56* immunoreactivity among the blasts in this case is interesting, and it can be distracting. Positive *CD56* can be seen in many types of malignancies, such as neuroendocrine tumor, NK-cell lymphoma, and BPDCN, to name a few. According to one study, *CD56* is detected in 25% of all AMLs.

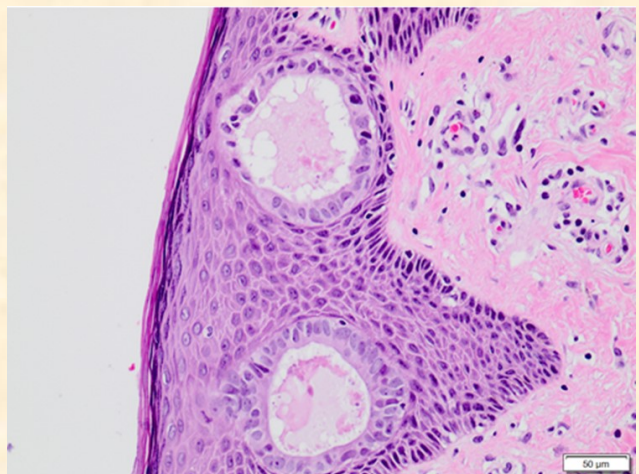
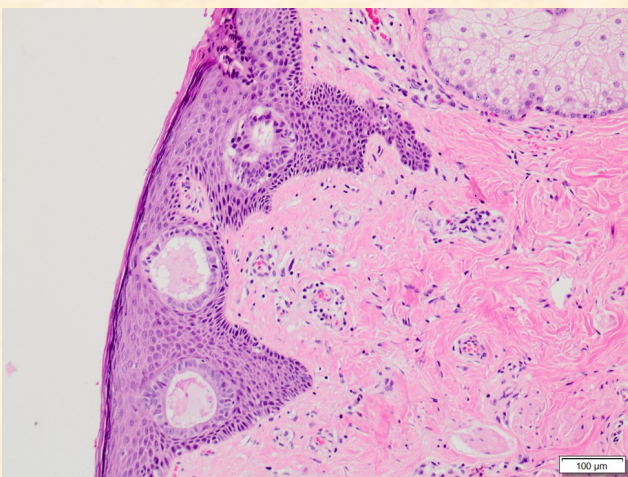
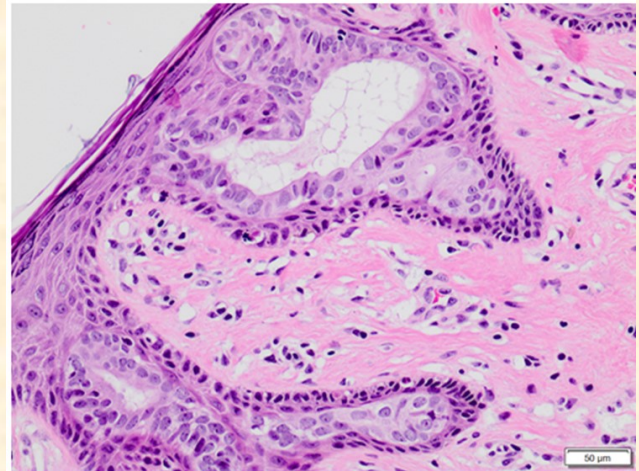
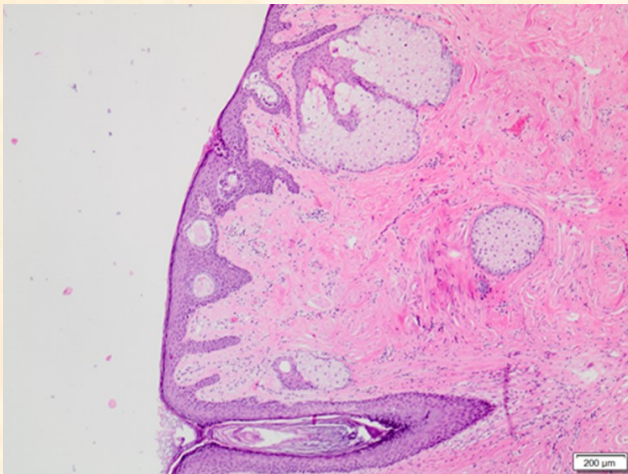
Case of Quarter (COQ) for CAPA eNewsletter

Submitted by Hua Yang, Kalahari Canada

Part 1.

Clinical History: 64 year old female, nipple “red scaling”, not respond to steroids cream. Image show no mass lesion in breast parenchyma. Wedge excisional biopsy is performed.

Part 2. H&E



What is your differential diagnosis and further work-up?

Recipes of Quarter (ROQ) for CAPA eNewsletter

Submitted by Fang Wen, New Jersey

美味可口的肉末茄子

做法:

1. 先蒸好茄子，筷子划拉成条

茄子削皮，切两半蒸5分钟左右就熟

了，蒸完后会出点水倒掉，再用筷子划

拉成几条（便于入味）如图1

2. 再炒尖椒肉末西红柿末（越细越好），放多多的蒜末，最后浇到茄子上

此菜的特色是盐蒜末调味，最后撒些葱花增加色彩，剩的汤汁刚好没过茄子，茄子的滋味都来自汤汁，浸润几分钟上桌最佳，如图2



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项目参数 + new

ITEM	MY-A20
最大载玻片数量	20片
最大载玻片数量	30个
玻片条码识别	二维码
玻片位置控制	独立温度控制
抗体滴加控制方案	高精度柱塞泵
是否有水平指示装置	是
是否有标签打印	有
是否有试剂自动识别	有
滴加到玻片上的位置	滴加扩散技术, 分区域供液选择
玻片清洗方式	大量液体冲洗
计算机系统	WIN8/RWIN10
试剂自行配置功能	可在范围内定量和位置
历史记录是否可追踪	是
体积	810 (W) mm x 605 (D) mm x 610 (H) mm
重量	<60kg



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本页所有玻片均由我公司自主研发生产的一批试剂及配套的DAI染色仪MY-A20上色完成, 并在显微镜下观察的免疫组化检测结果。

上海长岛抗体诊断试剂有限公司
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RARE/UNCOMMON SUBTYPE	PERTINENT TUMOR DRIVER	FDA APPROVED TARGETED THERAPIES	FDA APPROVED THERAPIES IN ANOTHER TUMOR TYPE
Non-Serous Ovarian Cancers, eg: Ovarian Clear cell	BRCA1/2	Olaparib	Trastuzumab, Pembrolizumab, Panemolab, Ponalimab, Toremifen, Everolimus, Olaparib and others
	ERBB2		
	FGFR1/2/3		
	AKT1/2		
Pancreatobiliary Cancers: Cholangiocarcinoma Pancreas Gallbladder	ICM1/2	Palbociclib	Acetaboline, Docetaxel, Trastuzumab, Pembrolizumab, AZD5363, Pazopanib, Dabrafenib, Trametinib, Everolimus, Trastuzumab, Pembrolizumab, Trastuzumab, Pembrolizumab, Trastuzumab, Pembrolizumab
	ERBB2		
	FGFR2		
	BRAF		
	PTEN		
	SHC4/2		
	ERBB2		
	BRAF		
Uncommon subtypes of breast cancer	CCND1	Palbociclib	Olaparib, Atazanavir, Capecitabine, Erlotinib, Lapatinib, Pembrolizumab, Trastuzumab, Everolimus, Toremifen
	BRCA1/2		
	ESRR1		
	ERBB2		
	PKCIP3, NF1, STK11, AKT1/2, PTEN		
Salivary Gland	ERBB2	Trastuzumab, Pembrolizumab, Capecitabine, Lapatinib, Toremifen, Everolimus, Olaparib	
	ESRR1		
	PTEN		
	BRCA1/2		
	BRAF		

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



A Personal
Contribution from
A Senior CAPA
Member