

University of California, San Francisco
CURRICULUM VITAE

Name: Yunn-Yi Chen, MD, PhD

Position: Professor of Clinical Pathology, Step 5
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EDUCATION

1978 - 1985	National Taiwan University, School of Medicine; M.D.	
1987 - 1988	Columbia University, New York; M.A., Microbiology	
1988 - 1994	Tufts University, Boston, MA; Ph.D., Immunology	(Advisor: Naomi Rosenberg, Ph.D.)
-	POST GRADUATE TRAINING	
1984 - 1985	National Taiwan University Hospital	Intern
1985 - 1987	National Taiwan University Hospital	Resident in Dermatology
1994 - 1998	Beth Israel Deaconess Medical Center, MA	Resident in Pathology
1997 - 1998	Beth Israel Deaconess Medical Center, MA	Chief resident in Pathology
1998 - 1999	UCSF Medical Center	Fellow in Surgical Pathology

LICENSES, CERTIFICATION

1986	Certified Physician, Department of Health, R.O.C.
1988	Certification, Educational Commission for Foreign Medical Graduates
1993	Successful completion, Federation Licensing Examination

1997 Medical licensure, Massachusetts
1998 Medical licensure, California
1998 American Board of Pathology, Anatomic and Clinical Pathology

PRINCIPAL POSITIONS HELD

1999 - 2005	University of California, San Francisco	Assistant Clinical Professor of Pathology
2004 - present	Immunohistochemistry Laboratory, University of California, San Francisco, Department of Pathology	Director
2005 - 2010	University of California, San Francisco	Associate Professor of Clinical Pathology
2010 - present	University of California, San Francisco	Professor of Clinical Pathology

HONORS AND AWARDS

1980 Book Coupon Awards (top 5% of the class), National Taiwan University

1983 Sun Jui-ch'jang Scholarships, National Taiwan University

1985 Top prize, case presentation contest, Annual Meeting of the Chinese Dermatology Society

1986 Top prize, case presentation contest, Annual Meeting of the Chinese Dermatology Society

2004 Pathology Residents and Fellows Teaching Award

2004 UCSF Pathology Residents and Fellows Teaching Award

2006 Best poster in breast cancer therapeutics for Breast Oncology Program Retreat, UCSF

KEYWORDS/AREAS OF INTEREST

Breast, cancer development and progression, prognosis, genetic alteration, immunophenotype, morphology, comparative genomic hybridization, microarrays, next generation sequencing

CLINICAL ACTIVITIES

CLINICAL ACTIVITIES SUMMARY

Director, Immunohistochemistry Laboratory, UCSF: I have been in charge of the Immunohistochemistry Laboratory for the past 15 years. As the director, I am in charge of the daily performance and quality assurance/improvement of immunohistochemical stains and chromogenic in situ hybridization (CISH) assays, and development of new stains for clinical use. Under my supervision, our Immunohistochemistry Laboratory has moved from semi-automated to fully automated operation, which has improved the staining quality and turnaround time. We have also implemented the on-slide-control system, which has further strengthened the quality assurance. In addition, I oversee the participation of CAP (College of American Pathologists) proficiency tests to ensure above-the-standard performance of our Immunohistochemistry Laboratory. The laboratory has done extremely well in all the proficiency tests.

Surgical Pathologist, UCSF: I sign out surgical pathology specimens and frozen sections and cover night calls for the past 20 years. I monitor and report biomarker testing (ER, PR, HER2 and Ki-67 tests) for breast cancers. I also provide second opinion services to non-UCSF pathologists with challenging cases in the area of breast disease.

Coordinator for Breast Surgical Pathology Service, UCSF: I am the main surgical pathology liaison to the breast surgeons and oncologists. I have participated in the weekly breast multidisciplinary tumor board during the past 20 years. I also wrote and continue to update the breast pathology section of our surgical pathology manual to ensure optimal handling of breast surgical specimens and biomarker evaluation.

PROFESSIONAL ACTIVITIES

MEMBERSHIPS

- 1995 - present College of American Pathologists
- 1996 - present American Society of Clinical Pathologists
- 1997 - present United States and Canadian Academy of Pathology
- 2000 - present California Society of Pathology
- 2005 - present International Society of Breast Pathology
- 2011 - present International Association of Chinese Pathologists

SERVICE TO PROFESSIONAL ORGANIZATIONS

- 2006 - present College of American Pathologists, Cancer Committee, Subcommittee for the Breast Section, Member
- 2005 - present United States and Canadian Academy of Pathology, Ambassador
- 2008 - present College of American Pathologists, Breast Pathology Committee, Member

2010 - present Athena Pathology Team, Member
2011 - present The Cancer Genome Atlas (TCGA), Breast Expert Pathology Committee, Member
2011 - 2012 International Association of Chinese Pathologists, Treasurer
2012 - 2013 International Association of Chinese Pathologists, Secretary
2013 - 2014 International Association of Chinese Pathologists, President-elect
2014 - 2015 International Association of Chinese Pathologists, President
2014 - 2015 Genomic Health Pathology National Advisory Review Board, member
2020 - 2023 USCAP Abstract Review Board

SERVICE TO PROFESSIONAL PUBLICATIONS

2006 - present Human Pathology, Ad Hoc manuscript review
2010 - present Cancer, Ad Hoc manuscript review
2011 - present Histopathology, Ad Hoc manuscript review
2014 - present Journal of Cutaneous Pathology, Ad Hoc manuscript review
2017 - present Journal of Pathology, Ad Hoc manuscript review
2020 - present British Journal of Cancer, Ad Hoc manuscript review

INVITED PRESENTATIONS - INTERNATIONAL

1997	United States and Canadian Academy of Pathology; Orlando, FL	platform
1998	United States and Canadian Academy of Pathology; Boston, MA	platform
2001	United States and Canadian Academy of Pathology; Atlanta, GA	poster
2003	United States and Canadian Academy of Pathology; Washington, D.C.	poster
2004	United States and Canadian Academy of Pathology; Vancouver, Canada	platform, 2 posters
2005	United States and Canadian Academy of Pathology; San Antonio, TX	platform, 2 posters
2006	United States and Canadian Academy of Pathology; Atlanta, GA	platform
2007	United States and Canadian Academy of Pathology; San Diego, CA	platform

2007	National Taiwan University Hospital, Taiwan	platform
2007	National Chang-Gung Memorial Hospital, Taiwan	platform
2008	United States and Canadian Academy of Pathology; Denver, CO	2 posters
2009	United States and Canadian Academy of Pathology; Boston, MA	platform, 3 posters
2010	United States and Canadian Academy of Pathology; Washington, D.C.	platform, 6 posters
2011	United States and Canadian Academy of Pathology; San Antonio, TX	poster
2011	Asia Pacific IAP Congress; Taipei, Taiwan	speaker
2012	Symposium on Radiology-Pathology Correlation in Breast Diseases; Taipei, Taiwan	speaker
2012	United States and Canadian Academy of Pathology; Vancouver, Canada	platform
2013	United States and Canadian Academy of Pathology; Baltimore, MD	platform
2013	United States and Canadian Academy of Pathology; Baltimore, MD	moderator
2014	United States and Canadian Academy of Pathology; San Diego, CA	moderator
2014	8th Annual Meeting of Chinese Pathologist Association; Beijing	speaker
2015	United States and Canadian Academy of Pathology, short course in breast pathology; Boston, MA	faculty
2015	United States and Canadian Academy of Pathology, Breast specialty conference; Boston, MA	speaker
2015	Taiwanese Pathologist Association, update in Breast, Gynecological and Gastrointestinal Pathology; Taipei, Taiwan	coordinator; faculty
2016	United States and Canadian Academy of Pathology, short course in breast pathology; Seattle, WA	faculty
2016	Asian-Pacific Society for Molecular Immunohistology, 11th Annual Meeting, Taipei, Taiwan	speaker
2017	United States and Canadian Academy of Pathology, short course in breast pathology; San Antonio, TX	faculty
2017	United States and Canadian Academy of Pathology, Practical Pathology Seminars course; Palm Springs, CA	faculty, speaker

2018	United States and Canadian Academy of Pathology, Evening Specialty Course in Breast Pathology; Vancouver, Canada	Faculty, speaker
2018	30th Annual Meeting of Breast Cancer Society of Taiwan, Taipei, Taiwan	Speaker, 2 talks
2019	11th Asia Pacific International Academy of Pathology (APIAP) Congress, Anhui, China	Speaker
2019	Fudan Zhongshan International Cancer Summit, 2019 Annual Meeting, Shanghai, China	Speaker
2020	United States and Canadian Academy of Pathology, Los Angeles, CA	2 platforms, 3 collaborations

INVITED PRESENTATIONS - NATIONAL

1997	American Gastroenterological Association; Washington, D.C.	poster
2000	American Gastroenterological Association; San Diego, CA	poster
2002	San Antonio Breast Cancer Symposium	poster
2003	American Society of Clinical Oncology; Chicago, IL	poster
2004	San Antonio Breast Cancer Symposium	poster
2005	San Antonio Breast Cancer Symposium	poster
2006	San Antonio Breast Cancer Symposium	poster
2007	San Antonio Breast Cancer Symposium	poster
2008	San Antonio Breast Cancer Symposium	poster
2009	ASCO (American Society of Clinical Oncology) 2009 Breast Cancer Symposium; San Francisco, CA	speaker
2011	ASBD (American Society of Breast Disease) 2011 Conference; Dallas, TX	speaker
2012	ASTRO 54th Annual Meeting, Boston, MA	speaker and expert panel
2013	ASTRO 55th Annual Meeting, Atlanta, GA	speaker and expert panel
2014	College of American Pathologists, breast pathology, short course	faculty
2014	College of American Pathologists, slide seminar in breast pathology	faculty
2015	College of American Pathologists, breast pathology, short course	faculty

2015	College of American Pathologists, slide seminar in breast pathology	faculty
2016	College of American Pathologists, breast pathology, short course	faculty
2018	College of American Pathologist, Breast pathology, short course	faculty, speaker
2019	College of American Pathologist, Breast pathology, short course	faculty, speaker
2020	College of American Pathologist, Breast pathology, short course	faculty, speaker

INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS

2003	Sixth Annual UCSF/Stanford Current Issues in Anatomic Pathology; San Francisco, CA	talk
2004	Seventh Annual UCSF/Stanford Current Issues in Anatomic Pathology; San Francisco, CA	talk
2005	Eighth Annual UCSF/Stanford Current Issues in Anatomic Pathology; San Francisco, CA	talk
2006	A Case Based Approach to the Management of Inflammatory Bowel Disease; San Francisco, CA	talk
2008	Eleventh Annual UCSF/Stanford Current Issues in Anatomic Pathology; San Francisco, CA	talk
2008	UCSF Practical Diagnostic Update in Gynecologic and Breast Pathology, San Francisco, CA	three talks
2008	A Case Based Approach to the Management of Inflammatory Bowel Disease; San Francisco, CA	expert panel
2009	Twelfth Annual UCSF/Stanford Current Issues in Anatomic Pathology; San Francisco, CA	slide tutorial
2010	Annual UCSF Current Issues in Anatomic Pathology: Update in Gynecologic and Breast Pathology, San Francisco, CA	two talks
2012	Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	two talks
2013	Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	talk
2013	Kaiser Diablo Service Area Pathologist	talk
2014	30th Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	slide tutorial

2015	Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	two talks
2016	Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	talk
2017	Annual UCSF Current Issues in Anatomic Pathology; San Francisco, CA	talk, slide seminar
2019	Annual UCSF Current Issues in Anatomic Pathology, San Francisco, CA	two talks

UNIVERSITY AND PUBLIC SERVICE

SERVICE ACTIVITIES SUMMARY

Sign out surgical pathology, evaluate frozen sections, and participate in breast multidisciplinary tumor board. In charge of the daily performance and quality assurance/improvement of immunohistochemical stains, and develop new stains for clinical use. Evaluate and monitor the performance and competency of staff members in the Immunohistochemistry Laboratory. Enroll the laboratory and oversee its participation in CAP immunohistochemistry proficiency tests to ensure above-the-standard performance of our Immunohistochemistry Laboratory. Monitor and report ER, PR, HER2 and Ki-67 biomarker tests. Receive outside breast pathology consultation from western U.S. and serve as senior breast expert for Department of Pathology for all problem cases. Participate in quality improvement meetings for breast pathology service to breast surgeons and oncologists. Participate in clinical conferences and therefore increase the knowledge of clinicians in pathology. Invited to speak to and discuss with cancer patients to help them interpret their pathology reports. Invited to speak to new interns of UCSF Breast Cancer Center to help them understand breast pathology and better serve the patients.

SCHOOL OF MEDICINE

1999 - 2007	Pediatric gastrointestinal pathology, UCSF, weekly conference, with pediatric gastroenterologists, 4-6 weeks/year	
2000 - present	Breast multidisciplinary tumor board, UCSF, weekly conference, with breast surgeons, oncologists and radiologists, 26 weeks/year	
2005 - present	Pathology Work Group for the Center of Excellence for Breast Cancer Care	a committee composed of breast pathologists, breast surgeons, and IT technologists to create a breast pathology data base for best patient care and future research

DEPARTMENTAL SERVICE

1999 - present	Surgical Pathology attending, 24 weeks/year	Member
1999 - present	Attending for frozen sections, 18 weeks/year	Member
1999 - present	Night call, 4 weeks/year	Member
2000 - present	Quality Improvement for breast pathology service	Member
2000 - present	Monitor Her-2/neu test for Immunohistochemistry Laboratory, UCSF	Member
2001 - present	Interviewer for anatomic pathology residency and surgical pathology fellowship programs	Member
2004 - present	Quality Assurance for Immunohistochemistry Laboratory	Member
2004 - present	Quality Improvement Committee	Member
2004 - present	Director, Immunohistochemistry Laboratory, UCSF	Member
2006 - present	Oversee the participation and performance in CAP immunohistochemistry proficiency testing	Member
2008 - 2009	Department's Faculty Search Committee	Member
2009 - 2011	Department's Appointments, Promotions and Merits Committee	Member
2012 - 2014	Department's Breast Pathology Faculty Search Committee	Chair
2016 - 2016	Department's Medical Director of Histology Lab	Search Committee Member
2017 - present	Surgical Pathology Schedule Committee	Member

TEACHING SUMMARY

I have spent most of my time in teaching housestaff in surgical pathology. This involves one-on-one instruction through a double-headed microscope during daily surgical pathology sign-out. Since 2000, I have given five to nine formal didactic lectures yearly in breast pathology. I prepare series of unknown microscopic slides for resident/fellow teaching conferences and for rotating medical student teaching sessions. Teaching medical students is also an integral part of my teaching responsibilities. For the new medical school curriculum, I assist as a laboratory instructor in several pathology laboratories.

Additionally, I am actively engaged in interdepartmental teaching through conferences and tumor boards. Through these interdepartmental conferences, I have the opportunities to teach pathology to trainees in other medical specialties.

Starting 2003, I have taught breast pathology CME courses regularly in UCSF's Annual Current Issues in Anatomic Pathology. In the past 10 years, I have been invited to give lectures and serve as expert panel in breast pathology for national and international meetings. I have always enjoyed teaching and would hope to spend more time in this area.

RESEARCH AND CREATIVE ACTIVITIES

PEER REVIEWED PUBLICATIONS

1. Rothman, P, Chen, YY, Lutzker, S, Li, SC, Stewart, V, Coffman, R, and Alt, FW (1990). Structure and expression of germline immunoglobulin heavy-chain epsilon transcripts: interleukin-4 plus lipopolysaccharide-directed switching to C epsilon. *Mol. Cell. Biol.* 10:1672-79.
2. Chen, YY and Rosenberg, N (1992). Lymphoid cells transformed by Abelson virus require the v-abl protein-tyrosine kinase only during early G1. *Proc. Natl. Acad. Sci. USA* 89:6683-87.
3. Chen, YY, Wang, LC, Huang, MS, and Rosenberg, N (1994). An active v-abl protein tyrosine kinase blocks immunoglobulin light-chain gene rearrangement. *Genes. Dev.* 8:688-97.
4. Klug, CA, Gerety, SJ, Shah, PC, Chen, YY, Rice, NR, and Rosenberg, N (1994). The v-abl tyrosine kinase negatively regulates NF-kappa B/Rel factors and blocks kappa gene transcription in pre-B lymphocytes. *Genes. Dev.* 8:678-87.
5. Cohen, L, Mohr, R, Chen, YY, Huang, M, Kato, R, Dorin, D, Tamanoi, F, Goga, A, Afar, D, Rosenberg, N., and Witte, ON (1994). Transcriptional activation of a ras-like gene (kir) by oncogenic tyrosine kinase. *Proc. Natl. Acad. Sci. USA* 91:12448-52.
6. Wang, LC, Chen, YY and Rosenberg, N (1995). Pre-B-cells transformed by ts Abelson virus rearrange kappa and lambda genes in early G1. *Curr. Top. Microbiol. Immunol.* 194:355-61.
7. Chen, YY, Antonioli, DA, Spechler, SJ, Zeroogian, JM, Goyal, RK, and Wang, HH (1998). Gastroesophageal reflux disease versus Helicobacter pylori infection as the cause of gastric carditis. *Mod Pathol* 11:950-56.
8. Chen, YY, Schnitt, SJ (1998). Prognostic factors for patients with breast cancers 1 cm and smaller. *Breast Cancer Res Treat* 51:209-25.
9. Gulizia, JM, Wang, H, Antonioli, DA, Spechler, SJ, Zerrogian, J, Goyal, R, Shahsafaei, A, Chen, YY, Odze, RD (1999). Proliferative characteristics of intestinalized mucosa in the distal esophagus and gastroesophageal junction (short-segment Barrett's esophagus): a case control study. *Human Pathol* 30:412-18.
10. Chen, YY, Wang, H, Antonioli, DA, Spechler, SJ, Zeroogian, JM, Goyal, RK, Shahsafaei, A, and Odze, R (1999). Significance acid-mucin-positive nongoblet columnar cells in the distal esophagus and gastroesophageal junction. *Human Pathol* 30:1488-95.
11. Glickman, JN, Chen, YY, Wang, H, Antonioli, DA, and Odze, RD (2001). Phenotypic characteristics of a distinctive multilayered epithelium suggests that it is a precursor in the development of Barrett's esophagus. *Am J Surg Pathol* 25:569-78.
12. Sydorak, RM, Albanese, CT, Chen, YY, Weintraub, P, and Farmer, D (2001). *Coccidioides immitis* in the gallbladder and biliary tree. *J Pediatr Surg* 36:1054-6.

13. Mathy, C, Schneider, K, Chen, YY, Varma, M, Terdiman, J, and Mahadevan, U (2003). Gross versus microscopic pancolitis and the occurrence of neoplasia in ulcerative colitis. *Inflamm. Bowel Dis.* 9:351-5.
14. Korkola, JE, DeVries S, Fridlyand J, Hwang, ES, Estep, ALH, Chen, YY, Chew, KL, Shanaz, HD, Jensen, RM, and Waldman, FM (2003). Differentiation of lobular vs. ductal breast carcinomas by expression microarray analysis. *Cancer Res* 63:7167-75.
15. Hwang, E, Nyante, S, DeVries, S, Chen, YY, Esserman, L, and Waldman, FM (2004) Clonality of lobular carcinoma in situ and synchronous invasive lobular cancer. *Cancer* 100:2562-72.
16. Gugig, R, Ostroff, J, Chen, YY, Harrison, M, and Heyman, MB (2004). Gastric cystic duplication: A rare cause of recurrent pancreatitis in children. *Gastrointest Endosc* 59:592-94.
17. Nyante, S, DeVries, S, Chen, YY, and Hwang, ES (2004). Array-based comparative genomic hybridization of DCIS and synchronous invasive lobular cancer. *Human Pathol* 35:759-63.
18. Wa, CV, DeVries, S, Chen, YY, Waldman, FM, and Hwang, ES (2005). Clinical application of array-based comparative genomic hybridization to define the relationship between multiple synchronous tumors. *Mod Pathol* 18:591-97.
19. Jacobs, TW, Chen, YY, Guinee, DG, Holden, J, Cha, I, Bauermeister, DE, Hashimoto, B, Wolverton, D, and Hartzog, G (2005). Fibroepithelial lesions with cellular stroma (FELCS) on breast core needle biopsy: Predictors of outcome on surgical excision. *Am J Clin Pathol* 124:342-54.
20. Torbenson, M, Chen, YY, Brunt, E, Cummings, OW, Gottfried, M, Jakate, S, Liu, YC, Yeh, MM, and Ferrell, L (2006). Glycogenic Hepatopathy: An under-recognized hepatic complication of diabetic mellitus. *Am J Surg Pathol* 30:508-13.
21. Rabban JT, Swain RS, Zaloudek, C, Chase, DR, and Chen, YY. Immunophenotypic overlap between adenoid cystic carcinoma and collagenous spherulosis of the breast: Potential diagnostic pitfalls using myoepithelial marker (2006). *Mod Pathol*;19:1351-57.
22. Esserman, LJ, Kumar, AS, Herrera, AF, Leung J, Au, A, Chen, YY, Moore, DH, Chen, DF, Hellowell, J, Wolverton, D, Hwang, ES, and Hylton, NM (2006). Magnetic resonance Imaging captures the biology of ductal carcinoma in situ. *J Clin Oncol*;28:4603-10.
23. Kumar, AS, Chen, DF, Au, A, Chen, YY, Leung, J, Gibbs, J, Hylton, NM, and Esserman, LJ (2006). Biologic significance of false positive magnetic resonance imaging enhancement in the setting of ductal carcinoma in situ. *Am J Surg*;192:520-24.
24. Yal, ES, Zhang, H, Chen, YY, Lee, B, Chew, K, Moore, D, and Park, C (2007). High b1 integrin expression is associated with decreased overall and recurrence-free survival in patients with invasive breast cancer. *Cancer Research*;67:659-64.
25. Korkola, JE, Blaveri E., DeVries, S, Moore, DH, Hwang, ES, Chen, YY, Estep ALH, Chew, KL, Jensen, RH, and Waldman, FM (2007). Identification of a robust gene signature that predicts breast cancer outcome in independent data sets. *BMC Cancer*;7:61-72.
26. Rabban, JT and Chen, YY (2007). D2-40 expression by breast myoepithelium: potential pitfalls in distinguishing intralymphatic carcinoma from in-situ carcinoma. *Human Pathol*;39:175-83.

27. Gauthier, ML, Berman, HK, Miller, C, Kozakeiwicz, K, Chew, K, Moore, D, Rabban, JT, Chen, YY, Kerlikowske, K, and Tlsty, TD (2007). Abrogated response to cellular stress identified DCIS associated with subsequent tumor events and defines basal-like breast tumors. *Cancer Cell*;12:479-91.
28. Truta, B, Chen, YY, Blanco, AM, Deng, G, Conrad, PG, Kim, YH, Park, ET, Kakar, S, Kim, YS, Velayos, F, Sleisenger, MH, and Terdiman, JP (2008). Tumor histology helps to identify Lynch syndrome among colorectal cancer patients. *Fam Cancer* 7:267-74.
29. Rabban, JT, Glidden, D, Kwan, M, and Chen, YY (2009). Pure and predominantly pure intralymphatic breast carcinoma following neoadjuvant chemotherapy: an unusual and adverse pattern of residual disease. *Am J Surg Pathol*;33:256-263.
30. Lester, SC, Bose, S, Chen, YY, Connolly, JL, de Baca, ME, Fitzgibbons, PL, Hayes, DF, Kleer, C, O'Malley, FP, Page, DL, Smith, BL, Weaver, DL, and Winer, E (2009). Protocol for the examination of specimens from patients with ductal carcinoma in situ of the breast. *Arch Pathol Lab Med*;133:15-25.
31. Suzuki, J, Chen, YY, Scott, GK, DeVries, S, Chin, K, Benz, CC, Waldman, FM, and Hwang, ES (2009). Protein acetylation and histone deacetylase expression associated with malignant breast cancer progression. *Clin Cancer Res* 15:3163-71.
32. Chen, YY, Hwang, ES, Roy, R, DeVries, S, Anderson, J, Wa, C, Fitzgibbons, P, Jacobs, T, MacGrogan, G, Peterse, H, Vincent-Salomon, Schnitt, SJ, Waldman, FM (2009). Genetic and phenotypic characteristics of pleomorphic lobular carcinoma in situ of the breast. *Am J Surg Pathol* 33:1683-94.
33. Lester, SC, Bose, S, Chen, YY, Connolly, JL, de Baca, ME, Fitzgibbons, PL, Hayes, DF, Kleer, C, O'Malley, FP, Page, DL, Smith, BL, Weaver, DL, and Winer, E (2009). Protocol for the examination of specimens from patients with invasive carcinomas of the breast. *Arch Pathol Lab Med* 133:1515-38.
34. Chen, YY, DeVries, S, Anderson, J, Lessing J, Swain, R, Chin, K, Shim, V, Esserman, LJ, Waldman, FM, and Hwang, ES (2009). Pathologic and biologic response to preoperative endocrine therapy in patients with ER-positive ductal carcinoma in situ. *BMC Cancer* 9:285-93.
35. Nabavizadeh, N, Klifa, C, Newitt, D, Lu, Y, **Chen, YY**, Hsu, H, Fisher, C, Tokayasu, T, Olshen, AB, Spellman, P, Gray, JW, Hylton, N, and Park, CC (2011). Topographic enhancement of mapping of the cancer-associated breast stroma using breast MRI. *Integr Biol* 3:490-6.
36. Hwang, ES, Lal, A, **Chen, YY**, DeVries, S, Swain, R, Anderson, J, Swain, R, Roy, R, and Waldman, FM (2011). Genomic alterations and phenotype of large compared to small high grade ductal carcinoma in situ. *Human Pathol* 42:1467-75.
37. Chen, YT, Ross, D, Chiu, R, Zhou, XK, **Chen, YY**, Lee, P, Hoda, SA, Simpson, AJ, Old, LG, Caballero, O and Neville, AM (2011). Multiple cancer/testis antigens are preferentially expressed in hormone-receptor negative and high-grade breast cancers. *PLoS* 2011 Mar 18:6(3):e17876.
38. Esserman, LJ, Berry, DA, Cheang, MC, Yau, C, Perou, CM, Carey, L, Demichele, A, Gray, JW, Conway-Dorsey, K, Lenburg, ME, Buxton, MB, Davis, SE, Van't Veer, LJ, Hudis, C, Chin, K, Wolf, D, Krontiras, H, Montgomery, L, Tripathy, D, Lehman, C, Liu, MC, Olopade, OI, Rugo, HS, Carpenter, JT, Livasy, C, Dressler, L, Chhieng, D, Singh, B, Mies, C,

- Rabban, J, **Chen, YY**, Giri, D, Au, A, Hylton, N; The I-SPY 1 TRIAL Investigators (2011). Chemotherapy response and recurrence-free survival in neoadjuvant breast cancer depends on biomarker profiles: results from the I-SPY 1 TRIAL (CALGB 150007/150012; ACRIN 6657). *Breast Cancer Res Treat* 132:1049-62.
39. Kumar, R, Wang, ZJ, Forsythe, C, Fu, Y, **Chen, YY**, and Yeh, BM (2012). Dual energy CT monitoring of the renal corticomedullary sodium gradient in swine. *Eur J Radiol* 81:423-9.
40. Esserman, LJ, Berry, DA, DeMichele, A, Carey L, Davis, SE, Buxton, M, Hudis, C, Gray, J, Perou, C, Yau, C, Livasy, C, Krontiras, H, Montgomery, L, Tripathy, D, Lehman, C, Liu, MC, Olopade, OI, Rugo, H, Carpenter, JT, Dressler, L, Chhieng, D, Singh, B, Mies, C, Rabban, J, **Chen, YY**, Giri, D, Veer, LV, and Hylton, N (2012). Pathologic Complete Response Predicts Recurrence-free survival more effectively by cancer subset: results from the I-SPY 1 TRIAL (CALGB 150007/150012; ACRIN 6657). *J Clin Oncol* 2012 Sept 10; 30(26): 3242-9.
41. DeFilippis, RA, Chang, H, Dumont, N, Rabban, J, **Chen, YY**, Fontenay, G, Berman, HK, Gauthier, ML, Zhao, J, Hu, D, Ziv, E, Febbraio, M, Kerlikowske, K, Parvin, B, Tlsty, T (2012). CD36 Repression Activates a Multicellular Stromal Program Shared by High Mammographic Density and Tumor Tissues. *Cancer Discovery*. 2012 Sep; 2(9): 826-39.
42. Lal, A, Chan, L, DeVries, S, Chin, K, Scott, GK, Benz, CC, **Chen, YY**, Waldman, FM, Hwang, ES (2013). FOXP3 positive regulatory T lymphocytes and epithelial FOXP3 expression in synchronous normal, ductal carcinoma in situ and invasive cancer of the breast. *Breast Cancer Res Treat* 2013 Jun;139(2):381-90.
43. Mouw, JK, Yui, Y, Damiano, L, Bainer, RO, Lakins, JN, Acerbi, I, Ou, G, Wijekoon, AC, Levental, KR, Gilbert, PM, **Chen, YY**, Hwang ES, Weaver, VM. (2014) Tissue mechanics modulate microRNA-dependent PTEN expression to regulate malignant progression. *Nature Medicine*. 2014.
44. Shin, SJ, Lal, A, DeVries, S, Suzuki, J, Roy, R, Hwang, E, Schnitt, SJ, Waldman, F, **Chen, YY** (2013). Florid Lobular Carcinoma in situ: Molecular Profiling and Comparison to Classic Lobular carcinoma in situ and Pleomorphic Lobular carcinoma in situ. *Human Pathol*. 2013 Oct; 44(10):1998-2009.
45. Bertrand, KA, Tamimi, RM, Scott, CG, Jensen, MR, Pankratz, VS, Visscher, D, Norman, A, Couch, F, Shepherd, J, Fan, B, **Chen, YY**, Ma, L, Beck, AH, Cummings SR, Kerlikowske, K, Vachon, CM (2013). Mammographic density and risk of breast cancer by age and tumor characteristics. *Breast Cancer Res*. 2013 Nov 4;15(6):R104.
46. Krings, G, Nystrom, M, Mehdi, I, Vohra, P, **Chen, YY** (2014). Diagnostic Utility and Sensitivities of GATA3 Antibodies in Triple Negative Breast Cancer. *Human Pathol*. 2014. Nov;45(11):2225-32.
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33. Nystrom MJ, Hwang ES, Griffin A, Devine W, Lal A, Medhi I, DeVries, S, Waldman, F, Rabban, JT, **Chen, YY** (2010). Prognostic factors in triple negative breast carcinomas: Is sub-classification using basal markers warranted? The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
34. White KL, **Chen, YY**, Rabban, JT (2010). Distinction of chemotherapy-induced epithelial atypia from minimal DCIS with chemotherapy effect in HER2 positive patients using HER2 immunostaining. The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
35. Vergara ME, McCalmont TH, **Chen, YY**, Rabban, JT (2010). Mammaglobin distinguishes cutaneous metastasis of breast cancer from primary cutaneous adnexal tumors. The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
36. Shin, SJ, Rosen, PP, Lal A, DeVries, S, Suzuki, J, Roy, R, Hwang, ES, Schnitt, SJ, Waldman, F, **Chen, YY** (2010). Florid lobular carcinoma in situ (FLCIS): Molecular profiling and comparison to classic LCIS and pleomorphic LCIS. The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
37. Ramachandran, R, Browne, LW, Mehdi, I, **Chen, YY**, Kakar, S (2010). Evidence-based immunohistochemical panel for the distinction of hepatocellular carcinoma and metastatic

- carcinoma. The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
38. Mattis, AN, Browne, LW, Kakar, S, **Chen, YY**, Kim, GE, Ferrell, F (2010). Comparison of PAX-2 and PAX-8 in distinguishing hepatocellular carcinomas with clear-cell morphology from renal cell carcinomas. The 99th Annual Meeting of the United States and Canadian Academy of Pathology. Washington, DC.
 39. Lal, A, Chan, L, DeVries, S, Chin, K, Benz, CC, **Chen, YY**, Hwang, ES, Waldman, FM (2011). FOXP3 positive regulatory T lymphocytes and epithelial FOXP3 expression in synchronous normal, ductal carcinoma in situ and invasive cancer of the Breast. The 34th Annual San Antonio Breast Cancer Symposium.
 40. Acerbi, I, Au, A, **Chen, YY**, Park, C, Hwang, ES, Weaver, V (2011). ECM stiffness and breast tumor histology and treatment phenotype. The 34th Annual San Antonio Breast Cancer Symposium.
 41. Eberle, C, Magbanua, M, Sosa, E, Grenert, J, Rabban, JT, Zaloudek, C, **Chen, YY** (2012). Clinicopathologic and genomic characterization of solid papillary breast carcinoma. The 101st Annual Meeting of the United States and Canadian Academy of Pathology. Vancouver, British Columbia, Canada.
 42. Allison, KH, **Chen, YY**, Lester, SC, Johnson, NB, Factor, RE, Tse, GMK, Shin, SJ, Eberhard, DA, Tan, PH, Schnitt, SJ, Collins, LC, Jense, KC, Korski, K, Waldman, FM, Beck, AH. (2013). Host Inflammation and Breast Cancer Molecular Subtypes: Results from a TCGA Sub-Analysis. Cancer Genome Atlas (TCGA) Breast Cancer Expert Pathology Committee, Bethesda, MD.
 43. Balassanian, R, Engelberg, JA, Bishop JW, Borowsky, AD, Cardiff, RD, Carpenter, PM, **Chen, YY**, Datnow, B, Elson, S, Hasteh, F, Lin, F, Moatamed, NA, Perkovich, B, Zhang, Y, Apple, SK. (2013). Harmonization of Immunohistochemical Stains for Breast Cancer Biomarkers - An Athena Pathology Collaboration. University of California San Francisco, San Francisco, CA; University of California Davis, Davis, CA; University of California Irvine, Irvine, CA; University of San Diego, San Diego, CA; University of California Los Angeles, Los Angeles, CA.
 44. Seidman, MA, Lester, SC, Johnson, NB, Allison, KH, **Chen, YY**, Factor, RE, Tse, GMK, Shin, SJ, Eberhard, DA, Tan, PH, Schnitt, SJ, Collins, LC, Jensen, KC, Korski, K, Waldman, FM, Beck, AH. (2013) Integrative Genomic Profiling To Identify Drivers of Breast Cancer-Associated Inflammation. Cancer Genome Atlas (TCGA) Breast Cancer Expert Pathology Committee, Bethesda, MD.
 45. Vohra, P, Serrano, M, **Chen, YY**, Ljung, B-M. (2013) Comparison of ER, PR and HER2 Expression between Breast Carcinoma Fine Needle Aspiration Samples and Corresponding Surgical Pathology Specimens - A Large Retrospective Study. University of California, San Francisco, CA; San Rafael Medical Center, San Rafael, CA.
 46. Allison, KH, **Chen, YY**, Jensen, KC, Saunders, M, Reis-Filho, J, Lester, SC, Johnson, NB, Factor, RE, Tse, GMK, Shin, SJ, Eberhard, DA, Tan, PH, Collins, LC, Korski, K, Waldman FM, Knoblauch, NW, Beck, AH. (2013) Host Inflammation and Breast Cancer Molecular Subtypes: Updated Results from TCGA Sub-Analysis. Cancer Genome Atlas (TCGA) Breast Cancer Expert Pathology Committee, Bethesda, MD.
 47. Sanders, ME, Allison, KH, **Chen, YY**, Lester, SC, Johnson, NB, Factor, RE, Tse, GMK, Shin, SJ, Eberhard, DA, Tan, PH, Collins, LC, Jensen, KC, Korski, K, Reis-Filho, J,

- Waldman, FM, Knoblauch, NW, Beck, AH. (2013) PIK3CA mutations are enriched in invasive lobular carcinomas and invasive mammary carcinomas with lobular features: Results from TCGA Sub-Analysis. Cancer Genome Atlas (TCGA) Breast cancer Expert Pathology Committee, Bethesda, MA.
48. **Chen, YY**, Allison, KH, Lester, SC, Collins, LC, Eberhard, DA, Factor, RE, Jensen, KC, Johnson, NB, Korski, K, Reis-Filho, JS, Sanders, ME, Shin, SJ, Tan, PH, Tse, GMK, Waldman, FM, Knoblauch, NW, Perou, CM, Beck, AH. (2013) Breast cancers with BRCA1 and BRCA2 mutations are associated with specific pathologic features and molecular profiles: results from TCGA sub-analysis. Cancer Genome Atlas (TCGA) Breast Cancer Expert Pathology Committee, Bethesda, MD.
 49. Acerbi I, Hwang S, Munson J, Au A, Zheng S, Yu H, Mouw J, Lakins J, Swartz M, Shi Q, Liphardt J, Ruffell B, Coussen LM, **Chen, YY**, Weaver VM. (2013) Extracellular matrix stiffness modulates tissue inflammation to promote breast tumor aggression. The 36th Annual San Antonio Breast Cancer Symposium.
 50. Jacobs, TW, **Chen, YY**, Guinee, DG, Eby, PR, Thike, AA, Vohra, P, Tan, PH. (2014) Phyllodes Tumor (PT) Subsequent to a Diagnosis of Fibroadenoma (FA) on Breast Core Needle Biopsy (CNB): Frequency and Characteristics. The 103rd Annual Meeting of the United States and Canadian Academy of Pathology. San Diego, CA.
 51. Krings, G, Nystrom, M, Vohra, P, **Chen, YY**. (2014) Sensitivity and Utility of Commonly Used GATA3 Antibodies in Triple Negative Breast Cancers (TNBC). The 103rd Annual Meeting of the United States and Canadian Academy of Pathology. San Diego, CA.
 52. Firetag, B, Krings, G, Nystrom, MJ, Berry, AB, **Chen, YY**, Balassanian, R. (2014) Aberrant Staining for Mesothelial Markers Calretinin and WT-1 in Triple Negative Breast Cancers. The 103rd Annual Meeting of the United States and Canadian Academy of Pathology. San Diego, CA.
 53. Lindsey, JM, **Chen, YY**, Taylor, JM, Vohra, M, Vohra, P. (2014) Correlation between Fine Needle Aspiration Biopsies (FNA) and Surgical Specimens in the Diagnosis of Fibroepithelial Lesions of the Breast - A Large Retrospective Study. The 103rd Annual Meeting of the United States and Canadian Academy of Pathology. San Diego, CA.
 54. N, Dianna, K, Yau, C, White, K, Hou, J, Chua, A, Grenert, JP, **Chen, YY**. (2014) Alterations in HER2 status and outcome following neoadjuvant chemotherapy in HER2-positive breast cancer (BC). The 37th Annual San Antonio Breast Cancer Symposium.
 55. Ballard, M, Jalkis, F, Krings, G, Schmidt, R, **Chen, YY**, Rendi, M, Dintzis, SM, Jensen, K, West, R, Sibley, R, Alison, K. (2015) Characterization of Breast Cancers with Equivocal and Non-Classical HER2 FISH Results - A Multi-Institutional Study. The 104th Annual Meeting of the United States and Canadian Academy of Pathology. Boston, MA.
 56. Krings, G, **Chen, YY**. (2015) Diagnostic Sensitivity and Utility of GATA3 in Breast Cancer (BC) After Hormonal (HT) and Chemotherapy (CT). The 104th Annual Meeting of the United States and Canadian Academy of Pathology. Boston, MA.
 57. Krings, G, **Chen, YY**. (2015) Diagnostic Sensitivity and Utility of GATA3 in Breast Cancer (BC) After Hormonal (HT) and Chemotherapy (CT). The 104th Annual Meeting of the United States and Canadian Academy of Pathology. Boston, MA.

58. Krings, G, **Chen, YY**. (2015) SATB2 Expression in Metaplastic Carcinoma of the Breast (MCB) With Osseous Differentiation (OD). The 104th Annual Meeting of the United States and Canadian Academy of Pathology. Boston, MA.
59. Liu, SY, **Chen, YY**, Jospheh, N, Seeley, S, Krings, G (2016). MED12 and TERT promoter mutation analysis in fibroepithelial lesions, metaplastic carcinomas and spindle cell lesions of the breast. The 105th Annual Meeting of the United States and Canadian Academy of Pathology. Seattle, WA.
60. Vohra, P, Krings, G, Vohra M, **Chen, YY** (2016). Correlation of OncotypeDx recurrence score with IHC3/IHC4 and grade in ductal carcinoma in situ (DCIS). The 105th Annual Meeting of the United States and Canadian Academy of Pathology. Seattle, WA.
61. Liu, SY, Joseph N, **Chen, YY**, Vohra, P, Krings (2016), G. Analysis of malignant phyllodes tumor genomic landscape using capture-based next generation sequencing. The 105th Annual Meeting of the United States and Canadian Academy of Pathology. Seattle, WA.
62. Borowsky, A, Balassanian, R, Yau, C, Engelberg, JA, Thompson, CK, Retallack, HEG, Bishop, JW, Cardiff, R, Carpenter, PM, **Chen, YY**, Datnow, B, Hasteh, F, Krings, G, Lin, F, Zhang, Y, Lindstrom, LS (2016). Interobserver agreement of breast cancer IHC4 after "Score the Core" training. The 105th Annual Meeting of the United States and Canadian Academy of Pathology. Seattle, WA.
63. Borowsky, A, Thompson, CK, Balassanian, R, Yau, C, **Chen, YY**, Krings, G, Nordenskjold, B, Stal, O, Fornander, T, Esserman, LJ, van't Veer, LJ, Lindstrom, LS (2016). Phenotype and immunophenotype analysis of gene expression defined "indolent risk" breast cancers. The 105th Annual Meeting of the United States and Canadian Academy of Pathology. Seattle, WA.
64. Krings, G, Joseph, NM, Bean, GR, Onodera, C, Talevich, E, Yeh, I, Jordan, R, Grenert, JP, Hosfield, E, Zaloudek, C, Van Zante, A, Shin, SJ, and **Chen, Y-Y**. Genomic Profiling of Secretory Carcinoma. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Platform]
65. Shamir, E, Chu, T, Rabban, JT, **Chen, Y-Y**, and Krings, G. Clinicopathologic Review of Non-Classic Lobular Carcinoma In Situ Variants at a Single Academic Center. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Platform]
66. Bean, GR, Pekmezci, M, **Chen, Y-Y**, Hwang, ES, and Krings, G. H3K27me3 Expression and X Chromosome Inactivation in Breast Carcinoma. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Poster]
67. Krings, G, **Chen, Y-Y**, and Jen, K-Y. Genomic Profiling of Synchronous Bilateral Lobular Carcinoma. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Poster]
68. Ruiz, J, Krings, G, and **Chen, Y-Y**. Genomic Profiling of Apocrine Carcinoma of the Breast. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Platform]
69. Han, L, **Chen, Y-Y**, Krings, G, Mak, J, and Rabban, JT. Occult Malignancy in Risk Reduction Bilateral Mastectomies from Women with BRCA1 or BRCA2 Germline/> Mutation: Correlation with Imaging Abnormalities and Implications for Specimen Sampling

- Strategies. Presented at United States and Canadian Academy of Pathology (USCAP), 106th Annual Meeting, San Antonio, 2017 [Poster]
70. Ballard, M, Toukatly, M, Bean, G, Jalikis, F, Krings, G, Schmidt, R, **Chen, Y-Y**, Dintzis, S, Troxell, M, West, R, Sibley, R, and Allison, K. Pathologic Features and Clinical Outcomes of HER2 FISH Cases with HER2:CEP17 ratio > 2.0 but < 4 HER2 signals/cell; A Multi-Institutional Study. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018, [Poster]
 71. Ballard, M, MacKerricher, W, Jailkis, F, Krings, G, Schmidt, R, **Chen, Y-Y**, Rendi, M, Dintzis, S, Troxell, M, West, R, Sibley, R, and Allison, K. Potential Impact of Proposed HER2 FISH Guideline Updates on FISH results; A Multi-Institutional Study. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 72. Ballard, M, Toukatly, M, Bean, G, Jailkis, F, Krings, G, Schmidt, R, **Chen, Y-Y**, Rendt, M, Dintzis, S, Troxell, M, West, R, Sibley, R, and Allison, K. Pathologic Features and Clinical Outcomes of Breast Cancers with HER2/CEP17 ratio <2.0 and mean HER2 signals /cell >6.0 by FISH; A Multi-Institutional Study. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 73. Bean, G, Shin, SJ, Hosfield, E, Jones, K, **Chen, Y-Y**, and Krings, G. Molecular Characterization of Small Cell/Neuroendocrine Carcinomas of the Breast. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 74. Krings, G, and **Chen, Y-Y**. Genomic Profiling of Metaplastic Carcinoma and Associated in Situ Carcinoma of the Breast. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 75. Krings, G, Bean, G, Stohr, B, Hosfield, E, Shin, SJ, and **Chen, Y-Y**. Molecular Characterization of Mammary Pleomorphic Adenomas. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 76. Shamir, E, Chu, T, **Chen, Y-Y**, and Krings, G. Genomic Profiling of Lobular Carcinoma in Situ (LCIS) Variants with Comparison to Classic LCIS and Invasive Lobular Carcinoma. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 77. Vohra, P, Krings, G, Chu, T, and **Chen, Y-Y**. Clinical and Pathologic Features of Invasive Breast Cancers with OncotypeDx Recurrence Score Less Than 11. Presented at United States and Canadian Academy of Pathology (USCAP), 107th Annual Meeting, Vancouver, 2018 [Poster]
 78. Krings G, **Chen YY**, Shamir E. Genetics of Flat Epithelial Atypia and Early Neoplastic Progression in the Breast. Presented at United States and Canadian Academy of Pathology (USCAP), 108th Annual Meeting, National Harbor, 2019 [Platform]
 79. Shamir E, Vohra P, Bean G, Zaloudek C, McCalmont, Joseph N, Wolsky R, Garcia J, **Chen YY**, Krings G. Genomic Profiling of Basaloid Breast Carcinomas Reveals Recurrent Alterations in CREBBP and Distinct Genetics from Other Triple Negative Breast Cancers. Presented at United States and Canadian Academy of Pathology (USCAP), 108th Annual Meeting, National Harbor, 2019 [Platform]

80. Fowler E, Harrison B, **Chen YY**, Krings G, Vincent-Salomon A, Fuhrmann L, Chen B, Hosfield E, Barnick S, Hornick J, Schnitt S. Immunohistochemical Evaluation of Pan-TRK in Secretory Breast Carcinoma. Presented at United States and Canadian Academy of Pathology (USCAP), 108th Annual Meeting, National Harbor, 2019 [Platform]
81. F. Beca, G. Krings, **YY. Chen**, E.M. Hosfield, P. Vohra, R.K. Sibley, M.L. Troxell, R.B. West, K.H. Allison, G.R. Bean. Genomic Profiling of Primary Angiosarcoma of the Breast. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Platform]
82. E.R. Shamir, **YY. Chen**, G.R.Bean, P. Vohra, M. Sanders, G. Krings. Chondroid Matrix-Producing Metaplastic Carcinomas of the Breast are Genetically Distinct from Mixed Metaplastic Carcinomas with Chondroid Differentiation. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Platform]
83. E.R. Shamir, C. Zaloudek, M.D. Post, **YY. Chen**, G.Krings. Genetic and Immunohistochemical Characterization of Serous-Like Carcinomas of the Breas. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Platform]
84. J.T. Rabban, N. Ladwig, **YY. Chen**, G.K. Krings. Tissue Detection Failure Rates for Selected Gynecologic and Breast Specimens using an FDA Approved Digital Pathology Imaging System: Practical Implications for Pathology Workflow and Patient Safety. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Platform]
85. G.R. Bean, CY. Lin, C.A. Kunder, **YY. Chen**, G. Krings. Correlation of Mutation Status with Immunohistochemistry in Breast Carcinomas. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Platform]
86. K.Mooney, K.H. Allison, R.B. West, G. Krings, YY. Chen, M.L. Troxell, CY. Lin, G.R. Bean. Genomic Profiling of Cystic Hypersecretory Carcinoma In Situ. Presented at United States and Canadian Academy of Pathology (USCAP), 109th Annual Meeting, Los Angeles, 2020 [Poster]

OTHER CREATIVE ACTIVITIES

1. Syllabi and Others:
2. UCSF Surgical Pathology Procedure Manual. Breast Section. 2001-2004.
3. Sixth Annual UCSF/Stanford Current Issues in Anatomic Pathology. Syllabus, 2003.
4. Seventh Annual UCSF/Stanford Current Issues in Anatomic Pathology. Syllabus, 2004.
5. Eighth Annual UCSF/Stanford Current Issues in Anatomic Pathology. Syllabus, 2005.
6. A Case Based Approach to the Management of Inflammatory Bowel Disease. Syllabus, 2006.
7. Eleventh Annual UCSF/Stanford Current Issues in Anatomic Pathology. Syllabus, 2008.
8. UCSF Practical Diagnostic Update in Gynecologic and Breast Pathology, Syllabus, 2008.
9. Twelfth Annual UCSF/Stanford Current Issues in Anatomic Pathology, Syllabus, 2009.

10. Annual American Society of Breast Disease Conference, Syllabus, 2011.
11. Asia Pacific IAP Congress, Breast Pathology Session; Syllabus, 2011.
12. Twenty-eighth Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2012
13. Twenty-ninth Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2013
14. Thirtieth Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2014
15. CAP Annual Meeting, Breast Pathology Course, Syllabus, 2014-2016
16. Thirty-first Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2015
17. USCAP Annual Meeting, Breast Pathology Short Course, Syllabus, 2015-2016
18. Thirty-second Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2016
19. Thirty-third Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2017
20. Thirty-fifth Annual UCSF Current Issues in Anatomic Pathology, Syllabus, 2019