

CURRICULUM VITAE

Lanjing “L.J.” Zhang

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Address Princeton Medical Center
1 Plainsboro Rd, Plainsboro, NJ 08536 USA

Education and Training

2000	M.D., M.S.	Tongji Medical University, China	Medicine
2000-2006	Postdoc	University of Michigan Medical School	Cell Biology
2006-2010	Residency	Mount Sinai School of Medicine	Pathology
2010-2011	Fellowship	Hospital of the University of Pennsylvania	GI& Liver Pathology

Experience

2011- Princeton Medical Center (formerly University Medical Center of Princeton): Director of GI and Liver Pathology 2011- ; Section Medical Director of General Lab 2016-

2012- Rutgers University:
Clinical Assistant Professor, Robert Wood Johnson Medical School 2012-2016
Associate Member, Rutgers Cancer Institute of New Jersey 2013-
Adjunct Professor, Rutgers Ernest Mario School of Pharmacy 2014-
Visiting Professor, Faculty of Arts and Sciences, Rutgers University-Newark, 2016-

Licensure and Certificates

New York State Medical License (inactive), 2009-2013
New Jersey State Medical License, 2011-
American Board of Pathology, Anatomic and Clinical Pathology, 2010-2020
NIH Protecting Human Research Participants (IRB) Course, 2012
NIH Cancer Therapy Evaluation Program, 2015-2019
College of American Pathologist, Inspection Team Leader Certificate 2017-
NIH, NIDA Good Clinical Practice Certificate, 2018-2021

Research Interests

Colorectal, breast and lung cancers, Biomarkers, Clinical epidemiology, Genetic/Genomic epidemiology, Health disparity, and Meta-analysis methodology

Honors and Awards

Third Prize, College Student Research Competition of Hubei Province, China, 1997
Merit Award, Scientific Research Competition of Hubei Province, China, 1999
Dean’s List of Graduates, Tongji Medical University, 2000
Elected Fellow, College of American Pathologists, 2010
Gastrointest Endosc Outstanding Reviewer Award, 2013- (each year)
Elected Fellow, American College of Gastroenterology, 2015
Elected Fellow (by Published Works), The Royal Collage of Pathologists, 2018

PUBLICATIONS

*Original Articles and Letters (# and * indicate first- and corresponding-authors, respectively)*

1. Yang Y, Ondrej H, Zhang L, Lu J, Lu M, Wang H, Zheng J, Michal M. (2005) Mixed epithelial and stromal tumor of the kidney with cervical and intestinal differentiation. *Virchows Arch* 447(3):669-71. PMID 16025280
2. Cheng X, Liao YH, Ge H, Li B, Zhang J, Yuan J, Wang M, Liu Y, Guo Z, Chen J, Zhang L. (2005) Th1/Th2 functional imbalance after acute myocardial infarction: coronary arterial inflammation or myocardial Inflammation. *J Clin Immunol* 25(3): 246-53. PMID 15981090
3. Li X#, Zhang L#, Meshinchi S, Dias-Leme C, Johnson JH, Treutelaar MK, Burant CF. (2006) Islet microvasculature in islet hyperplasia and failure in a model of type 2 diabetes. *Diabetes* 55(11):2965-73. PMID 17065332
4. Simeone DM, Zhang L, Treutelaar MK, Zhang L, Graziano K, Logsdon CD, Burant CF. (2006) Islet hypertrophy following pancreatic disruption of Smad4 signaling. *Am J Physiol Endocrinol Metab* 291(6):E1305-16. PMID 16735447
5. Xiong W, Kojic LZ, Zhang L, Prasad SS, Wang Y, Cynader MS. (2006) Anisomycin activates P38 MAPK to induce LTD in mouse primary visual cortex. *Brain Research* 1085(1):68-76. PMID 16581040
6. Li C, Heidt DG, Dalerba P, Burant CF, Zhang L, Adsay V, Wicha M, Clarke MF, Simeone DM. (2007) Identification of pancreatic cancer stem cells. *Cancer Res* 67(3):1030-7. PMID 17283135
7. Yang Y#, Zhang L#, Wei Y, Wang H, Xiong W, Chen Z, Yuan Z, Su J, Lu M, Xie Z, Zhang Y, Zheng J. (2007) Detection of EWSR1 translocation with nuclear extraction-based fluorescence in situ hybridization for diagnosis of Ewing's sarcoma/primitive neuroectodermal tumor. *Anal Quant Cytol Histol* 29 (4), 221-30. PMID 17879630
8. Zhang L, Chen Z, Fukuma M, Lee LY, Wu M. (2008) Prognostic significance of race and tumor size in carcinosarcoma of gallbladder: a meta-analysis of 68 cases. *Int J Clin Exp Pathol* 1 (1), 75-83. PMID 18784825, PMCID PMC2480528
9. Wu M, Kafanas A, Gan L, Kohtz DS, Zhang L, Genden E, Burstein DE. (2008) Feasibility of immunocytochemical detection of XIAP, p-histone H1 and p63 in FNA samples from HNSCC. *Diagn Cytopathol* 36(11), 797-800. PMID 18831009
10. Yang Y#, Zhang L#, Wei Y, Fukuma M, Xu H, Xiong W, Zheng J. (2008) Neural differentiation arrest in embryonal carcinoma cells with forced expression of EWS-FLI1. *J Neurooncol* 90(2):141-50. PMID 18622580
11. Recavarren C, Labow DM, Liang J, Zhang L, Wong M, Zhu H, Wang J, Francis F, Xu R. (2011) Histologic characteristics of pancreatic intraepithelial neoplasia associated with different pancreatic lesions. *Human Pathol* 42(1):18-24. PMID 21056895
12. Chandrasekhara V, Zhang L, Floyd B, Kochman ML. (2012) A rare cause of esophageal strictures: actinomyces. *Gastrointest Endosc* 75(5):1111-2. PMID 21820113
13. Sun G, Yang Y, Zhang X, Li W, Wang Y, Zhang L, Tang P, Kong J, Zhang R, Meng J, Wang X. (2013) Comparison of gastrotomy closure modalities for natural orifice transluminal surgery: a canine study. *Gastrointest Endosc*. 77(5):774-83. PMID 23453129
14. Chen H, Fang Y, Zhu H, Li S, Wang T, Gu P, Fang X, Wu Y, Liang J, Zeng Y, Zhang L, Qiu W, Zhang L*, Yi X*. (2014) Protein-protein interaction analysis of distinct molecular pathways in two subtypes of colorectal carcinoma. *Mol Med Rep*. 10(6):2868-74. PMID 25242495, PMCID

PMC4227423

15. Li F#, Chen Z#, Yang Y, Yi X, Yang Y, Zhang L*. (2014) Characterization of the pathologic and endoscopic measurements of colorectal polyp sizes with a focus on sessile serrated adenoma and high-grade dysplasia. *Int J Clin Exp Pathol* 7(4):1635-43. PMID 24817960, PMCID PMC4014244
16. Lichtmanegger I, Gölder S, Probst A, Dönmez G, Agaimy A, Langer E, Müller W, Zhang L, Spatz H, Märkl B. (2014) Frequency and clinicopathological features of fibroelastotic changes in the gastrointestinal tract. *Virchows Arch* 465(3):257-6. PMID 24938186
17. Ligr M, Wu X, Daniels G, Zhang D, Wang H, Hajdu C, Wang J, Pan R, Pei Z, Zhang L, Melis M, Pincus MR, Saunders JK, Lee P, Xu R. (2014) Imbalanced expression of Tif1 γ inhibits pancreatic ductal epithelial cell growth. *Am J Cancer Res*. 4(3):196-210. PMID 24959375, PMCID PMC4065401
18. Liu F, Chen H, Zhu H, Li S, Gu P, Fang X, Wu Y, Zhang S, Zhang L*, Yi X*. (2014) Pulmonary vascular malformation complicating cryptococcal pneumonia in an immunocompetent patient. *Int J Clin Exp Pathol* 7(3):1236-40. PMID 24696743, PMCID PMC3971334
19. Gu P, Fang X, Luo B, Chen H, Zeng Y, Lv H, Zhang L*, Yi X*. (2014) A noninvasive examination for the diagnosis of pulmonary alveolar proteinosis: induced sputum in conjunction with transmission electron microscopy. *Int J Clin Exp Pathol* 7(3):1200-5. PMID 24696738, PMCID PMC3971328
20. Zhang L, Frank R, Furth EE, Ziober AF, LiVolsi VA, Zhang PJ. (2014) Expression and diagnostic values of calretinin and CK5/6 in cholangiocarcinoma. *Exp Hematol Oncol*. 3:12. PMID 24860692, PMCID PMC4032162
21. Zhang L, Dean SA, Furth EE, Weinstein GS, LiVolsi VA, Montone KT. (2014) Metastatic carcinoma to percutaneous endoscopic gastrostomy tube site: a report of 5 cases. *Am J Clin Pathol* 141(4):510-4. PMID 24619751
22. Li F#, Sun G#, Yang YS*, Cui LH*, Peng LH, Guo X, Wang WF, Yan B, Zhang L. (2014) Offshore training in navy personnel is associated with uninvestigated dyspepsia. *J Huazhong Univ Sci Technolog Med Sci* 34(6):808-14. PMID 25480574
23. Zhu H, Zhang G, Yi X*, Zhu X, Wu Y, Liang J, Zhang S, Zeng Y, Fan D, Yu X, He J, He G, Chen Z, Duan SZ, Zhang L*. (2015) Histology subtypes and polyp size are associated with synchronous colorectal carcinoma of colorectal serrated polyps: a study of 499 serrated polyps. *Am J Cancer Res* 5(1):363-374. PMID 25628945, PMCID PMC4300721
24. Zhang WC, Zheng XJ, Du LJ, Sun JY, Shen ZX, Shi C, Sun S, Zhang Z, Chen X, Qin M, Liu X, Jia L, Fan HY, Zhou B, Yu Y, Ying H, Hui L, Liu X, Yi X, Zhang L, Duan SZ. (2015) High salt primes a specific activation state of macrophages, M(Na). *Cell Res* 25(8):893-910. doi: 10.1038/cr.2015.87.. PMID 26206316, PMCID PMC4528058.
25. Kinzler M, Zhang L*. (2015) Underutilization of meta-analysis in diagnostic pathology. *Arch Pathol Lab Med* 139(10):1302-7. PMID 26414474
26. Mayo E, Kinzler M, Zhang L*. (2015) Considerations for conducting meta-analysis in diagnostic pathology. *Arch Pathol Lab Med* Nov;139(11):1331. PMID 26516935
27. Zhang Z, Yu X, Fang X, Liang, A, Zhang Y, Gu P, Zeng Y, He J, Zhu H, Li S, Fan D, Han F, Zhang L*, Yi X*. (2015) Preventive effects of vitamin D treatment on bleomycin-induced pulmonary fibrosis. *Sci Rep*. 5:17638. doi: 10.1038/srep17638. PMID 26627341.
28. Huang Z, Yi X, Luo B, Zhu J, Wu Y, Jiang W, Chu H, Yang Z, Li S, Zhu H, Zhang S, Zhang L*, Zeng Y*. (2016) Induced sputum deposition improves diagnostic yields of pulmonary alveolar proteinosis: A clinicopathological and methodological study of 17 cases. *Ultrastruct Pathol*.

19:1-7. PMID 26583435

29. Mayo E, Llanos AAM, Yi Y, Duan SZ, Zhang L*. (2016) Prognostic value of tumor deposit and perineural invasion status in colorectal cancer patients: a SEER-based population study. *Histopathology* 69(2):230-8 doi: 10.1111/his.12936 PMID 26802566
30. Yang M#, Liu F#, Higuchi K, Sawashita J, Fu X, Zhang L, Zhang L, Fu L, Tong Z, Higuchi K. (2016) Serum amyloid A expression in the breast cancer tissue is associated with poor prognosis. *Oncotarget* 7(24):35843-35852. doi: 10.18632/oncotarget.8561. PMID 27058895
31. Mahon M, Xu J, Yi X, Liu X, Gao N, Zhang L*. (2016) Paneth cell in adenomas of the distal colorectum is inversely associated with synchronous advanced adenoma and carcinoma. *Sci Rep.* 6:26129. doi: 10.1038/srep26129. PMID 27188450, PMCID PMC4667265
32. Wang H, Liu A, Kuo Y, Chi E, Yang X, Zhang L, Yang, CS. (2016) Obesity promotes PhIP-induced small intestinal carcinogenesis in hCYP1A-db/db mice: involvement of mutations and DNA hypermethylation of Apc. *Carcinogenesis*. 37(7):723-30 doi: 10.1093/carcin/bgw054. PMID 27207656
33. Wu Q, Hua Jiang, Linghu E, Zhang L, Wang W, Zhang J, He Z, Wang J, Yang Y, Sun G, Sun G. (2016) Balloon-occluded retrograde transvenous obliteration assisted endoscopic Histoacryl injection in treating gastric varices with gastrosplenic shunt. *Minim Invasive Ther Allied Technol* 16:1-8, doi: 10.1080/13645706.2016.119255. PMID 27309571
34. Qian XL, Wen HY, Yang YL, Gu F, Guo XJ, Liu FF, Zhang L, Zhang X, Fu L. (2016) Assessment of dual-probe Her-2 FISH in breast cancer by 2013 ASCO/CAP guidelines produces more equivocal results than that by 2007 ASCO/CAP guidelines. *Breast Cancer Res Treat* 159(1):31-9 doi: 10.1007/s10549-016-3917-6 PMID 27455837
35. Yang Y, Xiong W, Wang S, Xu J, McNutt MA, Zhang L*. (2016) Factors associated with detection of Helicobacter pylori in gastric biopsies: A case control study of 396 biopsies. *Appl Immunohistochem Mol Morphol* 2016 Aug 3. [Epub ahead of print], PMID 27490761
36. Tian W*, Yuan J, Yang D, Zhang L*. (2016) Descriptive analysis on the impacts of universal zero-markup drug policy on a Chinese urban tertiary hospital. *PloS One* 11(9):e0162795. PMID 27627811
37. Chen JX, Wang H, Liu A, Zhang L, Reuhl K, Yang CS. (2016) PhIP/DSS-induced Colon Carcinogenesis in CYP1A-humanized Mice and the Possible Role of Lgr5+ Stem Cells. *Toxicol Sci.* 155(1):244-233, PMID 27664423
38. Krauss EA*, Mahon M, Fede JM, Zhang L*. (2016) Application of the Bethesda classification for thyroid fine needle aspiration: institutional experience and meta-analysis. *Arch Pathol Lab Med* 140(10):1121-31 PMID 27684984
39. Liu X, Kinzler M, Yuan J, He G, Zhang L*. (2017) Low reporting quality of the meta-analyses in diagnostic pathology. *Arch Pathol Lab Med* 141(3):423-430 doi: 10.5858/arpa.2016-0144-OA [Epub ahead of print], PMID 28055241
40. Lu SX, Zhang CZ, Luo RZ, Wang CH, Liu LL, Fu J, Zhang L, Wang H, Xie D, Yun JP. (2017) Zic2 promotes tumor growth and metastasis via PAK4 in hepatocellular carcinoma. *Cancer Lett.* 2017 May 31. 402:71-80 pii: S0304-835(17)30354-3. doi: 10.1016/j.canlet.2017.05.018. [Epub ahead of print] PubMed PMID: 28577975
41. Feng Q, Bonder EM, Engevik AC, Zhang L, Tyska M, Goldenring JR, Gao N. (2017) Disruption of Rab8a and Rab11a causes formation of basolateral microvilli in neonatal enteropathy. *J Cell Sci* 2017 Jun 8. 130(15):2491-2505. pii: jcs.201897. doi: 10.1242/jcs.201897. PMID: 28596241

42. E JY, Lu SE, Lin Y, Graber JM, Rotter D, Zhang L, Petersen GM, Demissie K, Lu-Yao G, Tan XL. (2017) Differential and Joint Effects of Metformin and Statins on Overall Survival of Elderly Patients with Pancreatic Adenocarcinoma: A Large Population-Based Study. *Cancer Epidemiol Biomarkers Prev* 2017 Jun 15. 26(8):1225-1232 doi: 10.1158/1055-9965.EPI-17-0227. PMID: 28619830
43. Yang M, Bao W, Zhang X, Yibin Kang Y, Haffty B, Zhang L*. (2017) Short-term and long-term clinical outcomes of uncommon types of invasive breast cancers. *Histopathology* 2017 Jul 26. 71(6):874-886 doi: 10.1111/his.13328. [Epub ahead of print] PMID: 28746732.
44. Meng F, Liu B, Xie G, Song Y, Zheng X, Qian X, Li S, Jia H, Zhang X, Zhang L, Yang YL, Fu L. (2017) Amplification and overexpression of PSCA at 8q24 in invasive micropapillary carcinoma of breast. *Breast Cancer Res Treat.* 2017 Jul 28. 166(2):383-392 doi: 10.1007/s10549-017-4407-1. [Epub ahead of print] PMID: 28755148.
45. Momen-Heravi F, Masugi Y, Qian ZR, Nishihara R, Liu L, Smith-Warner S, Keum N, Zhang L, Tchrakian N, Nowak JA, Yang W, Ma Y, Michaela Bowden M, da Silva A, Molin Wang M, Fuchs CS, Meyerhardt JA, Ng K, Wu K, Giovannucci E, Ogino S, Zhang X. (2017) Tumor expression of calcium sensing receptor (CASR) and colorectal cancer survival: results from the Nurses' Health Study and Health Professionals follow-Up study. *Int J Cancer* 141(12):2471-2479 doi: 10.1002/ijc.31021. [Epub ahead of print] PMID: 28856682
46. Zheng H, Bae Y, Kasimir-Bauer S, Tang R, Chen J, Ren G, Yuan M, Esposito M, Li W, Wei Y, Shen M, Zhang L, Tupitsyn N, Pantel K, King C, Jan Sun J, Moriguchi J, Jun HT, Coxon A, Lee B, Kang K. (2017) Therapeutic Antibody Targeting Tumor- and Osteoblastic Niche-Derived Jagged1 Sensitizes Bone Metastasis to Chemotherapy. *Cancer Cell.* 32 (6), 731–747. <https://doi.org/10.1016/j.ccell.2017.11.002> PMID: 29232552
47. Jiang M, Li H, Zhang Y, Yang Y, Lu R, Liu K, Lin S, Lan X, Wang H, Wu H, Zhu J, Zhou Z, Xu J, Lee D-K, Zhang L, Lee YC, Yuan J, Abrams JA, Wang TC, Sepulveda AR, Wu Q, Chen H, Sun X, She J, Chen X, Que J. (2017) Transitional basal cells at the squamous–columnar junction generate Barrett's oesophagus. *Nature* 550(7677):529-533 doi:10.1038/nature24269 [Epub ahead of print] PMID 29019984
48. Chavali L, Llanos A, Yun JP, Hill S, Tan, XL, Zhang L*. (2017) Radiotherapy for patients with resected tumor-deposit-positive colorectal cancer - a SEER-based population study. *Arch Pathol Lab Med* doi: 10.5858/arpa.2017-0099-OA. [Epub ahead of print] PMID: 29048218
49. Tong K, Pellón-Cárdenas O, Sirihorachai VR, Warder BN, Kothari OA, Perekatt AO, Fokas EE, Fullem RL, Zhou A, Thackray JK, Tran H, Zhang L, Xing J, Verzi MP. (2018) Degree of Tissue Differentiation Dictates Susceptibility to BRAF-Driven Colorectal Cancer. *Cell Rep.* 26;21(13):3833-3845. doi: 10.1016/j.celrep.2017.11.104. PMID: 29281831; PubMed Central PMCID: PMC5747303.
50. Liu B, Zheng X, Meng F, Han Y, Song Y, Liu F, Li S, Zhang L, Gu F, Zhang X, Fu L. (2017) Overexpression of $\beta 1$ integrin contributes to polarity reversal and a poor prognosis of breast invasive micropapillary carcinoma. *Oncotarget.* 9(4):4338-4353. PubMed PMID: 29435106; PubMed Central PMCID: PMC5796977.
51. Li W, Han Y, Wang C, Guo X, Shen B, Liu F, Jiang C, Li Y, Yang Y, Lang R, Fan Y, Gu F, Niu Y, Zhang X, Zhang L, Wen HY, Fu L. (2018) Precise pathologic diagnosis and individualized treatment improve the outcomes of invasive micropapillary carcinoma of the breast: a 12-year prospective clinical study. *Mod Pathol.* 2018 Feb 5. doi: 10.1038/s41379-018-0024-8. [Epub ahead of print] PMID: 29403084.

52. Hu K, Shen S, Zhang L*. Herniation of crypts in hyperplastic polyp and sessile serrated adenoma: a prospective study. (2018) *Am J Cancer Res*. 2018 Jan 1;8(1):144-153. eCollection 2018. PubMed PMID: 29416927.
53. Yang M, Bao W, Zhang L*. (2018) Trend analysis in reoperation after initial lumpectomy for breast cancer. *JAMA Oncol* 4(5):746-747. doi: 10.1001/jamaoncol.2017.5227. [Epub ahead of print] PMID: 29423512

*Editorials and Reviews (*Corresponding-author)*

54. Sakamori R, Zhang L, Gao N. (2015) Cellular and molecular gastroenterology and hepatology PLVAP truncation causes lethal protein losing enteropathy in human. *Cell Mol Gastroenterol Hepatol* 1(4):348-349 PMID 26225357, PMCID PMC4516028
55. Zhang L*, LiVolsi VA. (2015) Updates on surgical and molecular pathology concerning head and neck diseases. *Arch Pathol Lab Med* 139(12):1482-3. doi: 10.5858/arpa.2015-0331-ED PMID 26619019.
56. Tan PH, Zhang L*. (2016) Updates on surgical and molecular pathology concerning breast diseases. *Arch Pathol Lab Med* 140(7):625-7. doi: 10.5858/arpa.2016-0107-ED PMID 27362567
57. Zhang L*. (2017) Frontiers in thoracic pathology. *Arch Pathol Lab Med* Jul;141(7):889-89. PMID 28661209.
58. Zhang L, Lin F. (2017) Best Practices in Immunohistochemistry in Surgical Pathology and Cytopathology. *Arch Pathol Lab Med* 141(8):1011-1013 PMID 28745566.
59. Wang HL, Kim CJ, Koo J, Zhou W, Choi EK, Arcega R, Chen ZE, Wang H, Zhang L, Lin F. (2017) Practical Immunohistochemistry in Neoplastic Pathology of the Gastrointestinal Tract, Liver, Biliary Tract, and Pancreas. *Arch Pathol Lab Med*. 141(9):1155-1180. doi: 10.5858/arpa.2016-0489-RA. PMID: 28854347
60. Lu M, Zhang J, Zhang L*. (2017) Emerging concepts and methodologies in cancer biomarker discovery. *Crit Rev Oncog* 22(5-6):371-388. doi: 10.1615/CritRevOncog.2017020626. PMID: 29604918
61. Zhang L, Gerson L, Maluf-Filho F. (2018) Systematic review and meta-analysis in gastrointestinal endoscopy: Why do we need them? How can we read them? Should we trust them? *Gastrointest Endosc*. 2018 Mar 8. pii: S0016-5107(18)30190-1. doi: 10.1016/j.gie.2018.03.001. [Epub ahead of print] PMID: 29526656.

Book chapter

62. Zhang L. Biomarker discovery and validation in HCC diagnosis, prognosis, and therapy. In *Precision Molecular Pathology of Liver Cancer* 1st ed, Edited by Liu C. Springer Nature. 2018 doi: 10.1007/978-3-319-68082-8_6

Teaching

Organizer and lecturer of overseas pathology lecturers (Path 101), Tongji University School of Medicine, Shanghai, China, 2013-16
 Pathology Resident Didactics, Rutgers RWJ Medical School, 2012-
 Guest Lecturer, Cancer Pathology (Molecular Basis of Cancer, MOL 523 II), Princeton University 2014-
 Preceptor for MPH students, Price Fellow and undergraduate students, Rutgers University, 2015-
 Reviewer Mentor, *Gastrointest Endosc*, 2016-
 Mentor for undergraduate students, Princeton University, 2017-2018

Public Service

Ad hoc grant reviewer, National Science Foundation of China, 2009

Ad hoc grant reviewer, National Medical Research Council, Singapore, 2006-2013, 2018-

Ad hoc grant reviewer, Center for the Advancement of Science in Space, NASA, USA, 2013

Chair, Steering Committee, New Jersey Department of Health Cancer Epidemiology Services, 2016-

Hematology-Pathology Devices Panel, Medical Devices Advisory Committee, the US FDA, 2017-2021

Ad hoc grant reviewer, World Cancer Research Fund International, UK, 2018

Editorial Boards

Acting Editor-in-chief (2012-2013), Co-Managing Editor (2010-2012) *North Am J Med & Sci*

Editorial Board, *Exp Hematol & Oncol*, 2011-

Associate Editor, *J Clin Transl Hepatol*, 2012-

Associate Editor (2016-), Section Editor in GI Pathology (2014-2016), *Arch Pathol Lab Med*

Executive Editor-in-Chief, *Am J Dig Dis*, 2014-

Academic Editor, *Plos ONE*, 2014-

Section Editor, Imaging Reports, *Stem Cell Investigation*, 2014-

Academic Editor, *Sci Reports*, 2015-

Section Editor of Diagnostic Medicine (2016-), Academic Editor (2015-2016), *Medicine*, 2015-

Editorial Review Board, *Gastrointest Endosc*, 2015-

Editorial Board, *PeerJ*, 2016-

Co-Editor-in-Chief, *Exploratory Research and Medical Hypothesis*, 2017-

Editorial Board, *Lab Invest*, 2018-

Other Professional Service

Board of Trustees (2014-), President (2013), Tongji Medical College Overseas Alumni Association

Committee for Faculty Promotion, Tongji Medical College, HUST, Wuhan, China, 2014-

Founding Director, Annual Princeton Integrated Pathology Symposia, Plainsboro, NJ 2014-

Alternate/Delegate of New Jersey State (2014-), Member Survey Panel (2014-2016), College of American Pathologists (CAP)

Organizing Committee, the First CAPA Diagnostic Pathology Course, Flushing, NY, Aug. 2015

Vice President (2017-2019), Executive Committee (2015-2018), New Jersey Society of Pathology

International Relations Committee, American College of Gastroenterology (ACG), 2015-2018

Organizing Committee, the Second CAPA Diagnostic Pathology Course, Houston, TX, Nov. 2016

Course Director, CAPA Meeting Adjacent to the CAP '16, Las Vegas, NV, Oct. 2016

Co-Chair, Oncology Health Service Research Session, 2nd Biennial Conference of the Chinese Health Policy and Management Society, New Haven, CT, May 2018

Organizing Committee, the Third (Tianjin) International Symposium of Precision Pathology and Medicine for Breast Cancer, June 2018

Organizing Committee, the Fourth CAPA Diagnostic Pathology Course, Flushing, NY, Aug. 2018

Executive Board, Cancer Biomarkers Conference III, Houston, Sept. 2018

University and Hospital Service

Physician Development Committee Member, Princeton Medical Center, 2011-2015

Radiology Committee Member, Princeton Medical Center, 2013-2017

Executive Committee, Princeton Health International, 2014-

Medical Advisory Board Member, Princeton Health International, 2014-

Cancer Committee Alternate Member, Princeton Medical Center, 2014-

Cancer Service Line Steering Committee, Princeton Medical Center, 2014-2016

IT system administrator, Department of Pathology, Princeton Medical Center, 2014-

Institutional Review Board (IRB), Princeton Medical Center, 2015- , Alternate Chair 2017-
Continuing Medical Education (CME) Committee, Princeton Medical Center, 2015-
Information System Medical Advisory Committee, Princeton Medical Center, 2016-
Liaison for Pathology Informatics System (Cerner) Upgrade, PMC, 2016-2017
Penn Chart Executive Oversight Committee, Princeton Medical Center, 2017-2018

Grants

Ongoing grant and contract support

Source: Rutgers Cancer Institute of New Jersey	Wang (PI)	1/1/2018-12/31/2018
Title: IL11 promotes dietary carcinogen-induced colon carcinogenesis		
Role: Co-Investigator	Award Amount:	\$ 50,000 TC/ 50,000 DC

Completed grant and contract support

Source: American Society for Clinical Pathology	Zhang (PI)	10/01/2009-11/01/2009
Title: Subspecialty Resident Grant for Gastrointestinal and Liver Pathology		
Role: PI	Award Amount:	\$ 2,000 DC

Source: Rutgers University	Gao (PI)	7/1/2015-6/30/2017
Title: Synergistic Exploration of Paneth Cell Plasticity in Epithelial Pathogenesis		
Role: Co-PI, \$25,000 DC	Award Amount:	\$ 160,000 TC/ 160,000 DC