

CURRICULUM VITAE SAMPLE

Xuchen Zhang, MD, PhD
Associate Professor of Pathology
Gastrointestinal/Liver Pathology, Thoracic Pathology
and Surgical Pathology
Department of Pathology
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Education:

M.D. Chengde Medical College 1983/9 – 1988/06
M.S. Beijing University of Chinese Medicine 1991/09 – 1994/06
Ph.D. Peking Union Medical College and Chinese Academy of Medical Science 1997/09 – 2000/02

Career/Academic Appointments:

1988/07-91/08 Anatomic Pathology resident & Pathology Instructor. Department of Pathology, Chengde Medical College, China
1994/07-97/08 Assistant Professor of Pathology (Attending and Lecture), Department of Pathology, Chengde Medical College, China
2000/03-02/06 Postdoctoral Associate. Section of Pulmonary and Critical Care Medicine, Department of Medicine, Yale University School of Medicine. New Haven, CT
2002/07-07/06 Associate Research Scientist, Section of Pulmonary and Critical Care Medicine, Department of Medicine, Yale University School of Medicine, New Haven, CT
2007/07-11/06 Resident, Pathology. Department of Pathology, State University of New York (SUNY) at Downstate Medical Center, College of Medicine. Brooklyn, NY
2010/07-11/06 Chief Resident, Pathology. Department of Pathology, State University of New York (SUNY) at Downstate Medical Center. Brooklyn, NY
2011/07-12/06 Liver/GI Pathology fellow. Department of Pathology, Mount Sinai Medical Center, Mount Sinai School of Medicine. New York, NY
2012/07-16/06 Staff Surgical Pathologist. Laboratory and Pathology Services, VA Connecticut Healthcare System, West Haven, CT
2012/07-present Assistant Professor of Pathology. GI/Liver pathology and Surgical Pathology. Department of Pathology, Yale School of Medicine. New Haven, CT
2017/07-present Associate Professor of Pathology. GI/Liver pathology and Thoracic Pathology. Department of Pathology, Yale School of Medicine. New Haven, CT

Administrative Positions:

2017/10-present Member of Resident Clinical Competency Committee. Department of Pathology, Yale School of Medicine
2017/10-present Office Bearer and webmaster. The GUT-club of Connecticut
2018-2019 Member of Education Committee. Chinese American Pathologists Association (CAPA)
2018-2019 Member of Award Committee. Chinese American Pathologists Association (CAPA)
2017-2018 Department of Pathology 2018 Retreat Committee
2015/05-present GI Pathology fellowship program review committee. Department of Pathology, Yale School of Medicine
2010/06-11/06 Graduate Medical Education Committee, Resident Sub-committee, Downstate Medical Center
2010/06-11/06 Resident Member, Residency Training Committee, Department of Pathology, SUNY Downstate Medical Center
2010/06-11/06 Resident Representative, Department of Pathology, Monthly Faculty meetings. Department of Pathology, SUNY Downstate Medical Center
2010/06-11/06 Resident Member, Residency Training Committee, Department of Pathology, SUNY Downstate Medical Center
2010/06-11/06 Pathology Quality Improvement meetings, University Hospital of Brooklyn, Downstate Medical Center.

Board Certification:

American Board of Pathology, Anatomic and Clinical Pathology, 2011

Professional Honors & Recognition

International/National/Regional

2011: Young Investigator Award, Society of Cardiovascular Pathology
2010: Travel Award, Intersociety Council for Pathology Information
2001: Second Place Winner, New England Respiratory Research Competition & Awards Program

Xuchen Zhang, M.D., Ph.D.

1999: Excellent postgraduate award, Chinese Academy of Medical Sciences & Peking Union Medical College
1997: Third prize. the 3rd National Conference of New Gastroenterology
1996: Second prize. the 2nd National Conference of New Gastroenterology

University

2013: The Averill Liebow Award for Excellence in the Teaching of Pathology Residents, Yale University School of Medicine
2011: Chair's Award for Outstanding Scholarship, SUNY Downstate Medical Center
2011: Outstanding performance. The Residents and Fellows Alumni Society, SUNY Downstate Medical Center
1995: Doctor's Day Award: Outstanding dedication and service. Kings County Hospital Center
1995: Excellent teacher recognition. Chengde Medical College
1991: Excellent teacher recognition. Chengde Medical College

Grant/Clinical Trials History:

Current Grants

Agency: NIH/NCI
I.D.# R01CA206465
Title: "HIV and Aging Mechanisms for Hepatocellular Cancer"
P.I.: Amy Justice, M.D.
Role: Co-Investigator
Percent effort: 5%
Direct costs per year: \$2,099,626
Project period: 04/01/16 – 03/31/21

Agency: Department of Veterans Affairs
I.D.# Merit Grant
Title: "MIF-mediated Mechanisms in Emphysema"
P.I. Patty. J. Lee, M.D.
Role: Co-Investigator
Percent effort: 5%
Total costs for project period: \$650,000
Project period: 10/01/2016 to 09/30/2020

Agency: NIH
Title: "A Novel Druggable Epigenetic Vulnerability Pathway in HCC"
P.I. Narendra Wajapeyee, PhD
Role: Co-Investigator
Percent effort: 1%
Total costs for project period: \$880,801
Project period: 4/01/18-03/31/23

Past Grants

Agency: American Heart Association
I.D.# 0635596T
Title: "Role of HO-1 and STAT3 in Oxidant-Induced Lung Injury"
P.I.: Xuchen Zhang, M.D., Ph.D.
Total costs for project period: \$198,000
Project period: 07/01/2006 – 06/30/2009

Agency: NIH/NHLBI
I.D.# R01HL071595
Title: "Heme Oxygenase-1 in Lung Ischemia-Reperfusion Injury"
P.I.: Patty J. Lee, M.D.
Role on project: Key research personnel
Total costs for project period: \$3,441,070
Project period: 04/01/04 – 03/31/14

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

International/National

2018: Hepatocellular carcinoma and its morphologic variants: Clinico-pathologically significant? Laennec Liver Pathology Society Meeting, 6/8/2017. Halifax, Canada
2017: Embryologic development of the esophagus: How does esophagus evolve to the normal human adult structure?, 14th World OESO Conference. 9/2/2017. Geneva, Switzerland

Xuchen Zhang, M.D., Ph.D.

- 2017: Hot Topics in Esophageal Pathology, Eosinophilic Esophagitis - Is there any evidence that biopsies of endoscopically normal mucosa are cost effective in the diagnosis of EoE?, 14th World OESO Conference. 9/3/2017. Geneva, Switzerland
- 2017: Hepatocellular Carcinoma in cirrhotic and non-cirrhotic livers. Laennec Liver Pathology Society Meeting, 6/22/2017. Bali, Indonesia
- 2017: Liver Neoplasms: Diagnostic Approach for General Surgical pathologists. CAPA online education program. 6/17/2017
- 2016: Liver transplantation -the Role of pathologists. 04/01/2016. University of Florida, FL
- 2015: Pancreatic carcinoma and benign mimics. SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY
- 2015: Lymphocytic esophagitis. 13th World OESO Conference. 09/03/2015. Monaco, Monaco
- 2011: Heme Oxygenase-1 protects ischemia-reperfusion induced lung injury. China Heart Congress/ International Heart Forum. Beijing, China
- 2011: Cardiac transthyretin amyloidosis and oxidant stress. China Heart Congress/International Heart Forum. Beijing, China

Regional

- 2017: Approaches to hepatocellular mass lesion. 4/12/2017. Department of Pathology, SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY
- 2015: Pancreatic carcinoma and benign mimics. 10/19/2015. Department of Pathology, SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY
- 2015: GI Pathology Update. 04/09/2015. GUT-Club of Connecticut, CT
- 2015: Colorectal Carcinoma with DNA Mismatch Repair Deficiency. 01/29/2015. Department of Pathology, New York University Langone Medical Center, New York, NY
- 2014: Gastrointestinal Pathology (Unknown slides). 10/22/2014. Department of Pathology, SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY
- 2014: Gastrointestinal Pathology (Unknown slides). 04/30/2014. Department of Pathology, SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY
- 2013: GI Pathology Update. 08/15/2013. GUT-Club of Connecticut, CT
- 2013: Uncommon lung and liver cases. 01/23/2013. Department of Pathology, SUNY College of Medicine at Downstate Med. Ctr., Brooklyn, NY

Resident and Medical Student Teaching and Lectures

1. Pathology of Colorectal Cancer. Dept. of Pathology, Yale School of Medicine 2/15/2018
2. Unknown slides seminar. Dept. of Pathology, Yale School of Medicine 1/31/2018
3. Non-neoplastic Mimics of Pancreatic Carcinoma. Dept. of Pathology, Yale School of Medicine 1/30/2018
4. Liver transplant – the role of pathologist. Dept. of Pathology, Yale School of Medicine 12/20/2017
5. Medical student GI Lab teaching III-Liver and pancreatic pathology (EM2_LE000). Yale School of Medicine 10/25/2017
6. Medical student GI Lab teaching II-Neoplastic GI (EM2_LE000). Yale School of Medicine 10/19/2017
7. Medical student GI Lab teaching I-Non-neoplastic GI (EM2_LE000). Yale School of Medicine 10/12/2017
8. Medical student lecture: Upper GI neoplasms (EM2_LE021). Yale School of Medicine 10/12/2017
9. Practical approaches to acute and chronic hepatitis. Dept. of Pathology, Yale School of Medicine 08/29/2017
10. Medical student GI Lab teaching III-Liver and pancreatic pathology (EM2_LE000). Yale School of Medicine 10/27/2016
11. Medical student GI Lab teaching II-Neoplastic GI (EM2_LE000). Yale School of Medicine 10/19/2016
12. Unknown slides seminar. Dept. of Pathology, Yale School of Medicine 10/26/2016
13. Pathology of liver allograft. Dept. of Pathology, Yale School of Medicine 10/18/2016
14. Medical student GI Lab teaching I-Non-neoplastic GI (EM2_LE000). Yale School of Medicine 10/14/2016
15. Medical student lecture: Upper GI neoplasms (EM2_LE021). Yale School of Medicine 10/14/2016
16. Pathology of colorectal cancer. Dept. of Pathology, Yale School of Medicine 10/11/2016
17. Practical approaches to acute and chronic hepatitis. Dept. of Pathology, Yale School of Medicine 09/27/2016
18. GI pathology gross-part 2. Dept. of Pathology, Yale School of Medicine 07/22/2016
19. Medical student Endocrine Lab teaching II. Dept. of Pathology, Yale School of Medicine 11/13/2015
20. Pathology of Colorectal Cancer. Dept. of Pathology, Yale School of Medicine 11/11/2015
21. Practical approaches to acute and chronic hepatitis. Dept. of Pathology, Yale School of Medicine 11/10/2015
22. Non-neoplastic Mimics of Pancreatic Neoplasm. Dept. of Pathology, Yale School of Medicine 09/30/2015
23. Medical student GI Lab teaching I. Dept. of Pathology, Yale School of Medicine 03/13/2015
24. Non-neoplastic Mimics of Pancreatic Carcinoma. Dept. of Pathology, Yale School of Medicine 01/28/2015
25. Colorectal Cancer. Dept. of Pathology, Yale School of Medicine 01/07/2015
26. Approaches to acute and chronic hepatitis. Dept. of Pathology, Yale School of Medicine 11/24/2014
27. Medical student GI Lab teaching II. Dept. of Pathology, Yale School of Medicine 03/27/2014
28. Medical student GI Lab teaching I. Dept. of Pathology, Yale School of Medicine 03/25/2014
29. Introduction to Biliary Diseases. Dept. of Pathology, Yale School of Medicine 02/04/2014
30. Molecular Classification of Colorectal Carcinoma (CRC). Dept. of Pathology and Laboratory Medicine at the University of Rochester Medical Center. 1/4/2012
31. Molecular classification of hepatic adenoma. Dept. of Pathology at Mount Sinai School of Medicine. 10/20/2011
32. Colorectal Carcinoma with DNA Mismatch Repair Deficiency/Microsatellite Instability: The Role of Pathologists. Dept. of Pathology at Mount Sinai School of Medicine. 12/29/2011
33. Solid non-neoplastic pancreatic mimics of carcinoma. Dept. of Pathology at Mount Sinai School of Medicine. 5/3/2012

34. Medical student pathology lab teaching. SUNY Downstate Med. Ctr. 2007-2011

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:

International/National

1. 2018: The International Workshop on HIV and Hepatitis Observational Databases (IWHOD). Park LS, Justice AC, Lo Re V III, Mehta R, Carbonari DM, Torgersen J, D'Addeo K, Mitchell-Richards K, **Zhang X**, Taddei T. Tissue Collection to Examine HIV and HCV Mechanisms for Hepatocellular Carcinoma. March 22–24, 2018 Fuengirola, Spain
2. 2018: USCAP Annual Meeting. Back to the Future: Network Analysis on Autopsy Generated Data Identifies Changes in Disease Patterns over 18 Years. Paulson NJ, Colunga M, **Zhang X**, Costa J, Celli . March 19, 2018. Vancouver, Canada
3. 2018: USCAP Annual Meeting. Perineal Carcinoma Cuniculatum: Histology Review of 38 Cases. Zhang D, Gonzalez RS, Feely M, Lee H, Umrau K, Allende D, Karamchandani D, Zaleski MP, Lin J, Westerhoff M, **Zhang X**, Alpert L, Lai J, Liu X. March 19, 2018. Vancouver, Canada
4. 2018: USCAP Annual Meeting. Immunohistochemical and Molecular Findings in Cholangiolocellular Carcinoma are Similar to Well- Differentiated Intrahepatic Cholangiocarcinoma. Balitzer D, Joseph N, Ferrell L, Jain D, **Zhang X**, Shafizadeh N, Kakar S. March 19, 2018. Vancouver, Canada
5. 2018: USCAP Annual Meeting. Immunopathologic Characterization of Immunotherapy Induced Colitis, with a Comparison to Inflammatory Bowel Disease: Phenotypic Differences May Reflect Drug Mechanisms and Disease Duration. Lo YC, **Zhang X**, Robert ME. March 20, 2018. Vancouver, Canada
6. 2018: USCAP Annual Meeting. Clinical Outcome of Perineal Carcinoma Cuniculatum in a Cohort of 38 Cases. Zhang D, Gonzalez RS, Feely M, Lee H, Umrau K, Allende D, Karamchandani D, Zaleski MP, Lin J, Westerhoff M, **Zhang X**, Alpert L, Lai J, Liu X. March 20, 2018. Vancouver, Canada
7. 2018: USCAP Annual Meeting. Steatohepatitic Hepatocellular Carcinoma: background liver disease and histology (1725) Benedict M, Mazer BL, Jain A, Celli C, Taddei T, Cha C, Jain D, **Zhang X**. March 20, 2018. Vancouver, Canada
8. 2018: The annual Conference on Retroviruses and Opportunistic Infections (CROI). Torgersen J, Park L, Taddei T, Carbonari DM, Kallan MJ, Mitchell-Richards K, **Zhang X**, D'Addeo K, Mehta R, Kidwai-Khan F, Justice AC, Lo Re V III. Presentation and outcome of biopsy-proven hepatocellular carcinoma by HIV status. March 4–7, 2018 Boston, Massachusetts
9. 2017: The 68th Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting 2017. Torgersen J, Carbonari DM, Kallan MJ, Mitchell-Richards K, **Zhang X**, D'Addeo KC, Mehta R, Park LS, Kidwai-Khan F, Taddei T, Justice A, Lo Re V 3rd. Clinicopathological characteristics of hepatocellular carcinoma by HIV and chronic HCV status. Oct. 24-27, 2017 Washington, DC, USA
10. 2017: 16th International Conference on Malignancies in HIV/AIDS. Torgersen J, Carbonari DM, Kallan M, Mitchell-Richards K, **Zhang X**, D'Addeo K, Mehta R, Park L, Kidwai-Khan F, Taddei T, Justice AC, Lo Re V III. Advanced stage of hepatocellular carcinoma is less common among HCV infected in Both HIV-infected and uninfected US veterans. October 23-24, 2017 Bethesda, Maryland, USA
11. 2017: CAP Annual Meeting. Shervinrad M, Charifa A, Salem RR, **Zhang X**. Giant duodenal lipoma as a rare cause of intussusception, vomiting, anorexia, and unintentional weight loss mimicking malignancy. Washington, DC Oct. 8-11, 2017 Washington, DC, USA
12. 2017: American Thoracic Society (ATS) Annual International Conference. Korde A, **Zhang X**, Takyar SS. Giant microrna-1 levels determine the type of inflammatory remodeling in chronic rhinosinusitis. May 19-24, 2017 Washington, DC, USA
13. 2017: American Thoracic Society (ATS) Annual International Conference. Chen Z, Oh S, Fang P, Zhang F, Mei Z, Wang Y, Li Q, Homer RJ, **Zhang X**, Zheng Z, Zhu Z. SHP-1 is a critical regulator of epithelial-mesenchymal transition (EMT) in pulmonary fibrosis. May 19-24, Washington, DC, USA
14. 2017: American Thoracic Society (ATS) Annual International Conference. Hwangbo C, Shan P, Zhang Y, **Zhang X**, Lee PJ. Tlr4-mediated epigenetic and senescence mechanisms in COPD. May 19-24, Washington, DC, USA
15. 2017: American Thoracic Society (ATS) Annual International Conference. Shan P, **Zhang X**, Zhang Y, Lee PJ. Endothelial Tlr4 is sufficient against Tlr4 deficiency induced pulmonary emphysema through Stc1. May 19-24, Washington, DC, USA
16. 2017: USCAP Annual Meeting. Vyas M, Celli R, **Zhang X**. Tumor buds and micropapillae in colorectal carcinoma demonstrate similarities in biological behavior and may represent two ends of the same spectrum. March 4-8, 2017. San Antonio, TX USA
17. 2017: USCAP Annual Meeting. Wu X, Celli R, Jain D, **Zhang X**. Gastrointestinal (GI) histopathologic manifestations in patients with common variable immunodeficiency (CVID). March 4-8, 2017. San Antonio, TX USA
18. 2017: USCAP Annual Meeting. Patel N, Celli R, Jain D, **Zhang X**. Histologic Features in Colorectal Sessile-Shaped Malignant Polyps with Nodal Metastasis. March 4-8, 2017. San Antonio, TX USA
19. 2017: USCAP Annual Meeting. Zhou X, Naini B, Garcia-Tsao G, **Zhang X**, Wang HL. PD-1 Inhibitor Nivolumab Induced Liver Injury: Report of 3 Cases with Biopsy Findings. March 4-8, 2017. San Antonio, TX USA
20. 2016: The 67th Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting 2016. Vilarinho S, **Zhang X**, Mistry P. Individual exome analysis in diagnosis and management of idiopathic adult liver disease. Nov. 11-15, 2016. Boston, MA USA

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21. 2016: IDWeek 2016 Annual meeting. Azar MM, Assi A, Ogbuagu O, Perper D, **Zhang X**, Hage C, Wheat LJ and Malinis. Histoplasmosis in a non-endemic area: an often unrecognized disease. OCT 26-30, 2016. New Orleans, LA USA
22. 2016: CAP Annual Meeting. Charifa A, MD; Cho M, **Zhang X**. Cat-scratch disease: a rare cause of hypodense liver mass lesion in a kidney transplant recipient. OCT 15-18, 2016. Las Vegas, NV USA
23. 2016: ASCO Annual Meeting. Gettinger SN, **Zhang X**, Homer R, Possick J, Wurtz A, Goldberg SB, Chiang AC, Herbst RS, Rubinowitz A. Pneumonitis in non-small cell lung cancer (NSCLC) patients treated with programmed death 1 (PD1) axis inhibitors. June 3-7, 2016. Chicago, IL USA
24. 2016: American Roentgen Ray Society Annual Meeting. Jiang F, Cho M, Henderson K, Pollak J, **Zhang X**, Weinreb J. Imaging manifestations of hereditary hemorrhagic telangiectasia in the Liver. April 17-22, 2016. Los Angeles, CA USA
25. 2016: USCAP Annual Meeting. Vyas M, Wong S, **Zhang X**. Intestinal metaplasia of appendiceal endometriosis is not uncommon and may mimic appendiceal mucinous neoplasm. March 12-18, 2016. Seattle, WA USA
26. 2016: USCAP Annual Meeting. Patel N, Vyas M, Cho M, Celli R, Hu B, Yan X, Jain D, **Zhang X**. Clinicopathologic features of tumor infiltrating neutrophils in MSI-H colorectal carcinoma. March 12-18, 2016. Seattle, WA USA
27. 2016: USCAP Annual Meeting. Vyas M, Patel N, Cho M, Wajapeyee N, Jain D, **Zhang X**. Glucose metabolic reprogramming and cell proliferation arrest in micropapillary colorectal carcinomas. March 12-18, 2016. Seattle, WA USA
28. 2016: USCAP Annual Meeting. Abi Raad R, Barbieri AL, **Zhang X**, Harigopal M, Baldassarri R, Levi AW, Fernandez SV, Kowalski D, Adeniran A, Cai G. Can the Ki-67 index evaluated on fine needle aspiration cellblock material reliably grade pancreatic neuroendocrine tumors? March 12-18, 2016. Seattle, WA USA
29. 2015: CAP Annual Meeting. Vyas M, **Zhang X**, Jain D and West BA. Gastric polyps with an unusual serrated morphology in a family with familial adenomatosis. Oct. 4-7, 2015. Nashville, TN USA
30. 2015: American Thoracic Society (ATS) Annual International Conference. Shan P, **Zhang X**, Zhang Y, Lee PJ. Endothelial TLR4 expression confers TLR4 deficiency resistance to hyperoxia induced lung injury. Endothelial TLR4 expression confers TLR4 deficiency resistance to hyperoxia induced lung injury. May 15-20, 2015. Denver, CO, USA
31. 2015: USCAP Annual Meeting. Vyas M, Patel N, Nagarajan A, Wajapeyee N, Jain D and **Zhang X**. Hypoxia induced HIF-1a expression promotes angiogenesis, tumor budding cell survival and cell proliferation arrest in high-grade tumor budding colorectal carcinomas. March 21-27, 2015. Boston, MA USA
32. 2014: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan P, Homer R, Zhang Y, Petrache I, Mannam P, Lee PJ. Mitochondrial fission mediates Cathepsin E-induced pulmonary emphysema. May 16-21, 2014. San Diego, CA, USA
33. 2014: USCAP Annual Meeting. Oin J, **Zhang X**, Gupta R. Increased expression of enhancer of zeste homolog 2 (EZH2) in high grade neuroendocrine tumors in the gastrointestinal tract. Mar. 1-7, 2014. San Diego, CA, USA
34. 2013: The 64th Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting. Zhu H, **Zhang X**, Parikh F, Wu H, Theise ND, Ward SC, Thung SN, Schiano TD, Fiel MI. Matrix Metalloproteinase-9 is highly expressed in fibrosis regression from long-standing alcohol abstinence as compared to recent sobriety in patients undergoing liver transplantation. Nov. 1-5, 2013 Washington, DC
35. 2013: USCAP Annual Meeting. **Zhang X**, Schiano TD, Thung SN, Ward SC, Fiel MI. Aberrant von Willebrand Factor expression of sinusoidal endothelial cells in nodular regenerative hyperplasia and obliterative portal venopathy. Mar. 2-8, 2013. Baltimore, MD, USA
36. 2012: USCAP Annual Meeting. **Zhang X**, Schiano TD, Thung SN, Ward SC, Fiel MI. Aberrant von Willebrand Factor expression of sinusoidal endothelial cells and quiescence of hepatic stellate cells help in the diagnosis of hepatoportal sclerosis. Mar. 17-22, 2012. Vancouver, Canada
37. 2011: USCAP Annual Meeting. **Zhang X**, Xie Q, Tan D, Lee PJ, Lacbawan FL, Libien J. Oxidative stress and ERK1/2 MAP Kinase mediate cardiomyocyte injury in transthyretin cardiac amyloidosis. Feb. 26 - Mar. 4, 2011. San Antonio, TX, USA
38. 2010: CAP Annual Meeting. **Zhang X**, Wang Z, Axiotis CA. Testicular hamartomata in complete androgen insensitivity syndrome. Sep. 26-29, 2010. Chicago, IL, USA
39. 2009: Society for Hematopathology/ European Association for Haematopathology Workshop. **Zhang X**, Gottesman SR, Axiotis CA, Pulakhandam P, Gupta R. Plasmablastic lymphoma (PBL) vs. Plasma cell leukemia with plasmablastic features. Cleveland, Ohio, USA
40. 2009: American Society of Clinical Pathology Annual Meeting. **Zhang X**, Gottesman SR, Wang H, Axiotis CA, Pulakhandam P, Gupta R. Plasmablastic lymphoma versus Plasma cell leukemia with plasmablastic features: A diagnostic dilemma. Oct. 28 - Nov. 1, 2009, Chicago, IL, USA
41. 2009: CAP Annual Meeting. **Zhang X**, Ouyang J, Axiotis CA. Bone marrow infiltration of non-Hodgkin lymphoma. Oct. 11-14, 2009. Washington DC, USA
42. 2009: CAP Annual Meeting. Ouyang J, **Zhang X**, Axiotis CA. Langerhans cell histiocytosis: E-cadherin and Cyclin D1. Oct. 11-14, 2009. Washington DC, USA
43. 2008: CAP Annual Meeting. **Zhang X**, Schneller J, Nicastrì AD. Brenner tumor with low malignant potential: the utility of p63. Oct. 11-14, 2008. San Diego, CA, USA
44. 2005: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan P, Otterbein LE, Abraham N, Fu XY, Lee PJ. Heme Oxygenase-1 RNA interference confers susceptibility and endothelial stat3 is required for the protective effect of HO-1 in hyperoxic lung injury. May 20-25, 2005. San Diego, CA, USA
45. 2005: American Thoracic Society (ATS) Annual International Conference. Qureshi ST, **Zhang X**, Aberg E, Medzhitov RM, Lee PJ. Inducible Transgenic expression of activated Toll-like receptor 4 upregulates BclxL and Bcl-2 and is associated with protection against hyperoxic lung injury. May 20-25, 2005. San Diego, CA, USA

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46. 2005: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan P, Otterbein LE, Lee PJ. Biliverdin protects mouse lung from ischemia/reperfusion injury. May 20-25, 2005. San Diego, CA, USA
47. 2004: American Thoracic Society (ATS) Annual International Conference. Siner JM, **Zhang X**, Shan P, Hong J, Elias JA, Lee PJ. Vascular Endothelial Growth Factor (VEGF) Induces Heme Oxygenase-1 (HO-1) in murine lung, in part, via the p38 mitogen activated protein kinase (MAPK) Pathway. May 21-26, 2004. Orlando, FL, USA
48. 2004: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan P, Alam J, Davis RJ, Flavell RA, Lee PJ. Carbon monoxide inhibits apoptosis during ischemia-reperfusion lung injury via Akt, p38 MAPK, and STAT-dependent pathways. May 21-26, 2004. Orlando, FL, USA
49. 2003: American Thoracic Society (ATS) Annual International Conference. Lee PJ, **Zhang X**, Shan P, Ma B, Zheng T, Elias JA. Transgenic IL-13 causes emphysema via an ERK MAPK-dependent apoptotic pathway. May 18-23, 2003. San Francisco, CA, USA
50. 2003: American Thoracic Society (ATS) Annual International Conference. Song R, Kobu M, **Zhang X**, Zhou Z, Zuckerbraun BS, Otterbein LE, Ning W, Morse D, Oury TD, Lee PJ, McCurry KR, Choi AMK. Carbon Monoxide induced-cytoprotection in rat lung transplantation. May 18-23, 2003. San Francisco, CA, USA
51. 2003: American Thoracic Society (ATS) Annual International Conference. Cohen ZI, Choi J, Shan P, **Zhang X**, Elias JA, Lee PJ. Heme Oxygenase-1 (HO-1) induction may mediate the protective effects of vascular endothelial growth factor (VEGF) in hyperoxic endothelial injury. May 18-23, 2003. San Francisco, CA, USA
52. 2003: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan P, Otterbein LE, Choi AMK, Lee PJ. Carbon monoxide inhibition of apoptosis during ischemia-reperfusion lung injury is dependent on p38 MAPK activation and modulation of fas/fas l, bcl-2 family, and caspase activity. May 18-23, 2003. San Francisco, CA, USA
53. 2003: American Thoracic Society (ATS) Annual International Conference. Lee PJ, **Zhang X**, Shan P, Yang X, Long L, Morrell NW. Bone morphogenetic protein-4 induces HO-1 mRNA and protein via a p38 MAPK-dependent pathway. May 18-23, 2003. San Francisco, CA, USA
54. 2002: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan PY, Sasidhar M, Choi AMK, Lee PJ. Reactive oxygen species and ERK-mitogen activated protein kinase mediate hyperoxia-induced apoptosis in lung epithelium. May 17-22, 2002. Atlanta, GA, USA
55. 2002: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Shan PY, Alam J, Otterbein L, Choi AMK, Lee PJ. Mitogen activated protein kinases regulate heme oxygenase-1 (HO-1) gene transcription and its anti-apoptotic effect after ischemia-reperfusion injury. May 17-22, 2002. Atlanta, GA, USA
56. 2001: American Thoracic Society (ATS) Annual International Conference. **Zhang X**, Sasidhar M, Choi AMK, Lee PJ. Role of mitogen activated protein kinase (MAPK) in the antioxidant effects of carbon monoxide. May 18-23, 2001. San Francisco, CA, USA
57. 2000: 1st international symposium on heme oxygenase and carbon monoxide. **Zhang X**, Choi AMK, Lee PJ. Transcriptional activation of heme oxygenase-1 (HO-1) gene after ischemia-reperfusion injury. July 14-18, 2000. New York, NY, USA

Professional Service

Peer Review Groups/Grant Study Sections:

- 2013 NC3Rs (NC/L000067/1), United Kingdom.
- 2016: the US Oncology MSI/ MMF Testing Pathology Expert Input Forum (08/01/2016)
- 2016: the US Biomarker Expert Input Forum (12/01/2016)
- 2018: the Albert Einstein Society Grant reviewer

Professional Service for Professional Organizations:

- 2018- CAPA 2018 USCAP annual meeting abstract award review committee member
- 2018-2019 Member of Education Committee. Chinese American Pathologists Association (CAPA)
- 2018-2019 Member of Award Committee. Chinese American Pathologists Association (CAPA)
- 2017- College of American Pathologists (CAP inspector)
- 2017- 2018 Yale University PA Thesis Readers Committee
- 2017 - CAPA 2017 USCAP annual meeting abstract award review committee member
- 2014-2017 Website Committee member, The Hans Popper Hepatopathology Society
- 2015- College of American Pathologists (CAP inspector)
- 2015-present Member, The Scientific Advisory Board
- 2009-10 Member, Market Research Panel, College of American Pathologists

Journal Service:

Editor/Associate Editor

- 2016-present Editorial Board, Journal of Modern Human Pathology
- 2015-present Editorial Board, Archives of Hepatitis Research
- 2015-present Editorial Board, International Archives of Clinical Pharmacology
- 2013-present Editorial Board, Annals of Clinical Pathology
- 2013- 4/30/2017 Editorial Board, Advances in Medicine (Oncology)
- 201-present Editorial Board, World Journal of Hepatology

2013-present Editorial Board, Journal of Molecular and Genetic Medicine

Reviewer

2010-present: Journal of Clinical Pathology, American Journal of Clinical Pathology, Modern Pathology, World Journal of Gastrointestinal Pathophysiology, Journal of Clinical and Translational Hepatology, Expert Opinion on Drug Safety, Drug Design, Development and Therapy, International Journal of Molecular Sciences, World Journal of Gastroenterology, Journal of Cancer Research and Treatment, American Journal of Microbiological Research, Annals of Hepatology, SAGE Open Medicine, World Journal of Hepatology, Clin Med Insights Circ Respir Pulm Med, American Journal of Medical Case Reports, Journal of Clinical Gastroenterology, Journal of Intercultural Ethnopharmacology, American Journal of Cancer Prevention, Journal of COPD, Clinical Cancer Drugs, PLOS ONE, World Journal of Translational Medicine, World Journal of Gastrointestinal Oncology, Expert Review of Gastroenterology & Hepatology, World Journal of Gastrointestinal Endoscopy, Qatar Medical Journal, Journal of Molecular and Genetic Medicine, Sahel Medical Journal, International Journal of Urology, North American Journal of Medicine and Science, Journal of Histochemistry & Cytochemistry, Clinical Medicine Insights: Gastroenterology, Arch Gynecol Obstet, Pathology- Research and Practice, World Journal of Gastrointestinal Pharmacology and Therapeutics, Biomedical Research, World Journal of Gastrointestinal Surgery, Journal of Gastroenterology and Digestive Disease, International Journal of Cancer Research and Development, Journal of Medical Oncology and Therapeutics, BMC Cancer, Internal Journal of Surgical Pathology, Oncotarget, Annals of Pancreatic Disorders and Treatment, European Medical Journal

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