

CURRICULUM VITAE FOR ACADEMIC PROMOTION The Johns Hopkins University School of Medicine

Jin He, MD, PhD, FACS

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DEMOGRAPHIC INFORMATION

Current Appointments

2015-present Assistant Professor of Surgery, Department of Surgery, Johns Hopkins
2016-present Assistant Professor of Oncology, The Sidney Kimmel Comprehensive Cancer
Center, Johns Hopkins

Education and Training

Medical School

1996 M.D., Peking University Health Science Center, Beijing, China

Doctoral/graduate

2001 Ph.D., Fudan University Shanghai Medical College, Shanghai, China

Postdoctoral

2001-2007 Research Fellow, Harold C. Simmons Cancer Center, UT Southwestern, Dallas, TX

2008-2009 Intern, General Surgery, Johns Hopkins Hospital, Baltimore, MD

2009-2013 Resident, General Surgery, Johns Hopkins Hospital, Baltimore, MD

2013-2015 Clinical Fellow, Complex General Surgical Oncology, Johns Hopkins Hospital,
Baltimore, MD

Professional Experience

2015-present Assistant professor, Surgery, Johns Hopkins University School of Medicine,
Baltimore, MD

PUBLICATIONS:

Original Research [OR]

1. **He J**, Zhou G, Liu KD, Qin XY. Construction and preliminary screening of a human phage single-chain antibody library associated with gastric cancer. *J Surg Res.* 2002;102: 150-5. PMID: 11796012(**first author**)
2. Ran S, **He J**, Huang X, Soares M, Scothorn D, Thorpe PE. Antitumor effects of a monoclonal antibody that binds anionic phospholipids on the surface of tumor blood vessels in mice. *Clin Cancer Res.* 2005;11:1551-62. PMID: 15746060(**co-first author**)
3. Luster TA, **He J**, Huang X, Maiti SN, Schroit AJ, de Groot PG, Thorpe PE. Plasma protein beta-2-glycoprotein 1 mediates interaction between the anti-tumor monoclonal antibody 3G4 and anionic phospholipids on endothelial cells. *J Biol Chem.* 2006;281: 29863-71. PMID: 16905548 (**data acquisition**)
4. **He J**, Luster TA, Thorpe PE. Radiation-enhanced vascular targeting of human lung cancers in mice with a monoclonal antibody that binds anionic phospholipids. *Clin Cancer Res.* 2007;13: 5211-8. PMID: 17785577 (**cover image**) (**first author**)
5. Jennewein M, Lewis MA, Zhao D, Tsyganov E, Slavine N, **He J**, Watkins L, Kodibagkar VD, O'Kelly S, Kulkarni P, Antich PP, Hermanne A, Rösch F, Mason RP, Thorpe PE. "Vascular Imaging of Solid Tumors in Rats with a Radioactive Arsenic-Labeled Antibody that Binds Exposed Phosphatidylserine." *Clin Cancer Res.* 2008;14:1377-85. PMID: 18316558 (**data acquisition**)
6. Melton GB, Fazio VW, Kiran RP, **He J**, Lavery IC, Shen B, Achkar JP, Church JM, Remzi FH. "Long-term outcomes with ileal pouch-anal anastomosis and Crohn's disease: pouch retention and implications of delayed diagnosis." *Ann Surg.* 2008;248: 608-16. PMID: 18936574 (**data acquisition**)



7. **He J**, Yin Y, Luster TA, Watkins L, Thorpe PE. "Antiphosphatidylserine antibody combined with irradiation damages tumor blood vessels and induces tumor immunity in a rat model of glioblastoma." *Clin Cancer Res.* 2009;15:6871-80. PMID: 19887482 (**first author**)
8. **He J**, Edil BH, Cameron JL, Schulick RD, Hruban RH, Herman JM, Zheng L, Iacobuzio-Donahue C, Ahuja N, Pawlik TM, Wolfgang CL. "Young Patients Undergoing Resection of Pancreatic Cancer Fare Better than their Older Counterparts." *J Gastrointest Surg.* 2013;17:339-44. PMID: 23184271 (**first author**)
9. **He J**, Cameron JL, Ahuja N, Makary MA, Hirose K, Choti MA, Schulick RD, Hruban RH, Pawlik TM, Wolfgang CL. "Is It Necessary to Follow Patients after Resection of a Benign Pancreatic Intraductal Papillary Mucinous Neoplasm?" *J Am Coll Surg.* 2013;216(4):657-65; discussion 665-7. PMID: 23395158 (**first author**)
10. **He J**, Ahuja N, Makary MA, Cameron JL, Eckhauser FE, Choti MA, Hruban RH, Pawlik TM, Wolfgang CL. "2564 resected periampullary adenocarcinomas at a single institution: trends over three decades" *HPB (Oxford).* 2014;16(1):83-90 PMID: 23472829 (**first author**)
11. Wu W, **He J**, Cameron JL, Makary M, Soares K, Ahuja N, Rezaee N, Herman J, Zheng L, Laheru D, Choti MA, Hruban RH, Pawlik TM, Wolfgang CL, Weiss MJ. "The impact of postoperative complications on the administration of adjuvant therapy following pancreaticoduodenectomy for adenocarcinoma." *Ann Surg Oncol.* 2014 Sep;21(9):2873-81 PMID: 24770680 (**data acquisition**)
12. Lee MK 4th, Lewis RS, Strasberg SM, Hall BL, Allendorf JD, Beane JD, Behrman SW, Callery MP, Christein JD, Drebin JA, Epelboym I, **He J**, Pitt HA, Winslow E, Wolfgang C, Vollmer CM Jr. "Defining the post-operative morbidity index for distal pancreatectomy." *HPB (Oxford).* 2014 Oct;16(10):915-23. PMID: 24931404 (**data acquisition**)
13. Ejaz A, Sachs T, **He J**, Spolverato G, Hirose K, Ahuja N, Wolfgang CL, Makary MA, Weiss M, Pawlik TM. "A comparison of open and minimally invasive surgery for hepatic and pancreatic resections using the nationwide inpatient sample." *Surgery.* 2014 Jul 10 PMID: 25017135 (**data acquisition**)
14. Vollmer CM Jr, Lewis RS, Hall BL, Allendorf JD, Beane JD, Behrman SW, Callery MP, Christein JD, Drebin JA, Epelboym I, **He J**, Pitt HA, Winslow E, Wolfgang C, Strasberg SM. "Establishing a quantitative benchmark for morbidity in pancreatoduodenectomy using ACS-NSQIP, the Accordion Severity Grading System, and the Postoperative Morbidity Index." *Ann Surg.* 2015 Mar;261(3):527-36. PMID: 25268299 (**data acquisition**)
15. Datta J, Lewis RS Jr, Strasberg SM, Hall BL, Allendorf JD, Beane JD, Behrman SW, Callery MP, Christein JD, Drebin JA, Epelboym I, **He J**, Pitt HA, Winslow E, Wolfgang C, Lee MK 4th, Vollmer CM Jr. "Quantifying the burden of complications following total pancreatectomy using the postoperative morbidity index: a multi-institutional perspective." *J Gastrointest Surg.* 2015 Mar;19(3):506-15. PMID: 25451733 (**data acquisition**)
16. Poruk KE, Kim Y, Cameron JL, **He J**, Eckhauser FE, Rezaee N, Herman J, Laheru D, Zheng L, Fishman EK, Hruban RH, Pawlik TM, Wolfgang CL, Weiss MJ. "What is the Significance of Indeterminate Pulmonary Nodules in Patients Undergoing Resection for Pancreatic Adenocarcinoma?" *J Gastrointest Surg.* 2015 Jan 17. PMID: 25595307 (**data acquisition**)
17. Cameron JL, **He J**. "Two thousand consecutive pancreaticoduodenectomies." *J Am Coll Surg.* 2015 Apr;220(4):530-6. Epub 2015 Jan 6. PMID: 25724606 (**data acquisition**)
18. Kim Y, Amini N, **He J**, Margonis GA, Weiss M, Wolfgang CL, Makary M, Hirose K, Spolverato G, Pawlik TM. "National trends in the use of surgery for benign hepatic tumors in the United States." *Surgery.* 2015 Jun;157(6):1055-64. PMID: 25769697 (**data acquisition**)
19. Valero V 3rd, Grimm JC, Kilic A, Lewis RL, Tosoian JJ, **He J**, Griffin JF, Cameron JL, Weiss MJ, Vollmer CM Jr, Wolfgang CL. "A novel risk scoring system reliably predicts readmission after pancreatectomy." *J Am Coll Surg.* 2015 Apr;220(4):701-13. Epub 2015 Jan 8. PMID: 25797757 (**data acquisition**)
20. Valero V 3rd, Saunders TJ, **He J**, Weiss MJ, Cameron JL, Dholakia A, Wild AT, Shin EJ, Khashab MA, O'Broin-Lennon AM, Ali SZ, Laheru D, Hruban RH, Iacobuzio-Donahue CA, Herman JM, Wolfgang CL. "Reliable Detection of Somatic Mutations in Fine Needle Aspirates of Pancreatic Cancer With Next-generation Sequencing: Implications for Surgical Management." *Ann Surg.* 2015 May 27. PMID: 26020105 (**data acquisition**)

21. He J, Amini N, Spolverato G, Hirose K, Makary M, Wolfgang C, Weiss M, Pawlik TM. "National trends with a laparoscopic liver resection: results from a population-based analysis." HPB (Oxford). 2015 Oct;17(10):919-26. PMID: 26234323 (**first author**)
22. Rezaee N, Barbon C, Zaki A, He J, Salman B, Hruban RH, Cameron JL, Herman JM, Ahuja N, Lennon AM, Weiss MJ, Wood LD, Wolfgang CL. Intraductal papillary mucinous neoplasm (IPMN) with high-grade dysplasia is a risk factor for the subsequent development of pancreatic ductal adenocarcinoma. HPB (Oxford). 2016 Mar;18(3):236-46. PMID: 27017163 (**data acquisition**)
23. Wu W, Dodson R, Makary MA, Weiss MJ, Hirose K, Cameron JL, Ahuja N, Pawlik TM, Wolfgang CL, He J. A Contemporary Evaluation of the Cause of Death and Long-Term Quality of Life After Total Pancreatectomy. World J Surg. 2016 Oct;40(10):2513-8. PMID: 27177647. (**senior author**)
24. Peters NA, Javed AA, Cameron JL, Makary MA, Hirose K, Pawlik TM, He J, Wolfgang CL, Weiss MJ. Modified Appleby Procedure for Pancreatic Adenocarcinoma: Does Improved Neoadjuvant Therapy Warrant Such an Aggressive Approach? Ann Surg Oncol. 2016 Oct;23(11):3757-64. PMID: 27328946 (**data acquisition**)
25. Allen PJ, Kuk D, Castillo CF, Basturk O, Wolfgang CL, Cameron JL, Lillemoe KD, Ferrone CR, Morales-Oyarvide V, He J, Weiss MJ, Hruban RH, Gönen M, Klimstra DS, Mino-Kenudson M. Multi-institutional Validation Study of the American Joint Commission on Cancer (8th Edition) Changes for T and N Staging in Patients With Pancreatic Adenocarcinoma. Ann Surg. 2017 Jan;265(1):185-191. PMID: 27163957 (**data acquisition**)
26. Masica DL, Dal Molin M, Wolfgang CL, Tomita T, Ostovaneh MR, Blackford A, Moran RA, Law JK, Barkley T, Goggins M, Irene Canto M, Pittman M, Eshleman JR, Ali SZ, Fishman EK, Kamel IR, Raman SP, Zaheer A, Ahuja N, Makary MA, Weiss MJ, Hirose K, Cameron JL, Rezaee N, He J, Joon Ahn Y, Wu W, Wang Y, Springer S, Diaz LL Jr, Papadopoulos N, Hruban RH, Kinzler KW, Vogelstein B, Karchin R, Marie Lennon A. A novel approach for selecting combination clinical markers of pathology applied to a large retrospective cohort of surgically resected pancreatic cysts. J Am Med Assoc. 2017 Jan;24(1):145-152. PMID: 27330075 (**data acquisition**)
27. Pea A, Yu J, Rezaee N, Luchini C, He J, Dal Molin M, Griffin JF, Fedor H, Fesharakizadeh S, Salvia R, Weiss MJ, Bassi C, Cameron JL, Zheng L, Scarpa A, Hruban RH, Lennon AM, Goggins M, Wolfgang CL, Wood LD. Targeted DNA Sequencing Reveals Patterns of Local Progression in the Pancreatic Remnant Following Resection of Intraductal Papillary Mucinous Neoplasm (IPMN) of the Pancreas. Ann Surg. 2016 Jul;266(1):133-141 PMID: 27433916 (**data acquisition**)
28. Poruk KE, Lin JA, Cooper MA, He J, Makary MA, Hirose K, Cameron JL, Pawlik TM, Wolfgang CL, Eckhauser F, Weiss MJ. A novel, validated risk score to predict surgical site infection after pancreaticoduodenectomy. HPB (Oxford). 2016 Nov;18(11):893-899. PMID: 27624516 (**data acquisition**)
29. Gemenetzi G, Bagante F, Griffin JF, Rezaee N, Javed AA, Manos LL, Lennon AM, Wood LD, Hruban RH, Zheng L, Zaheer A, Fishman EK, Ahuja N, Cameron JL, Weiss MJ, He J, Wolfgang CL. Neutrophil-to-lymphocyte Ratio is a Predictive Marker for Invasive Malignancy in Intraductal Papillary Mucinous Neoplasms of the Pancreas. Ann Surg. 2017 Aug;266(2):339-345. PMID: 27631774 (**data acquisition**)
30. Luo G, Javed A, Strosberg JR, Jin K, Zhang Y, Liu C, Xu J, Soares K, Weiss MJ, Zheng L, Wolfgang CL, Cives M, Wong J, Wang W, Sun J, Shao C, Wang W, Tan H, Li J, Ni Q, Shen L, Chen M, He J, Chen J, Yu X. Modified Staging Classification for Pancreatic Neuroendocrine Tumors on the Basis of the American Joint Committee on Cancer and European Neuroendocrine Tumor Society Systems. J Clin Oncol. 2017 Jan 20;35(3):274-280. PMID: 27646952 (**co-senior author**)
31. Spolverato G, Bagante F, Weiss M, He J, Wolfgang CL, Johnston F, Makary MA, Yang W, Frank SM, Pawlik TM. Impact of Delta Hemoglobin on Provider Transfusion Practices and Post-operative Morbidity Among Patients Undergoing Liver and Pancreatic Surgery. J Gastrointest Surg. 2016 Dec;20(12):2010-2020. PMID: 27696209. (**data acquisition**)
32. Lee SR, Gemenetzi G, Cooper M, Javed AA, Cameron JL, Wolfgang CL, Eckhauser FE, He J, Weiss MJ. Long-Term Outcomes of 98 Surgically Resected Metastatic Tumors in the Pancreas. Ann Surg Oncol. 2017 Mar;24(3):801-807. PMID: 27770346. (**data acquisition**)



33. Poruk KE, Blackford AL, Weiss MJ, Cameron JL, **He J**, Goggins M, Rasheed ZA, Wolfgang CL, Wood LD. Circulating Tumor Cells Expressing Markers of Tumor-Initiating Cells Predict Poor Survival and Cancer Recurrence in Patients with Pancreatic Ductal Adenocarcinoma. *Clin Cancer Res.* 2017 Jun 1;23(11):2681-2690. PMID: 27789528 **(data acquisition)**
34. Sasaki K, Andreatos N, Margonis GA, **He J**, Weiss M, Johnston F, Wolfgang C, Antoniou E, Pikoulis E, Pawlik TM. The prognostic implications of primary colorectal tumor location on recurrence and overall survival in patients undergoing resection for colorectal liver metastasis. *J Surg Oncol.* 2016 Dec;114(7):803-809. PMID: 27792291. **(data acquisition)**
35. Lu CD, Huang J, Hua YF, Javed AA, **He J**, Wu SD, Yu WM, Lu CJ. A novel technique of inserting pancreaticogastrostomy with duct-to-mucosa anastomosis can potentially reduce postoperative pancreatic fistula. *J Surg Res.* 2017 Mar;209:79-85. PMID: 28032574. **(data acquisition)**
36. Ejaz A, **He J**. Pancreaticoduodenectomy for pancreatic cancer: perspective from the United States. *Chin Clin Oncol.* 2017 Feb;6(1):1. PMID: 28249540. **(senior author)**
37. Sasaki K, Margonis GA, Andreatos N, Wilson A, Weiss M, Wolfgang C, Sergentanis TN, Polychronidis G, **He J**, Pawlik TM. Prognostic impact of margin status in liver resections for colorectal metastases after bevacizumab. *Br J Surg.* 2017 Jun;104(7):926-935. PMID: 28266705 **(data acquisition)**
38. Groot VP, Rezaee N, Wu W, Cameron JL, Fishman EK, Hruban RH, Weiss MJ, Zheng L, Wolfgang CL, **He J**. Patterns, Timing, and Predictors of Recurrence Following Pancreatectomy for Pancreatic Ductal Adenocarcinoma. *Ann Surg.* 2018 May;267(5):936-945. PMID: 28338509. **(senior author)**
39. Luchini C, Robertson SA, Hong SM, Felsenstein M, Anders RA, Pea A, Nottegar A, Veronese N, **He J**, Weiss MJ, Capelli P, Scarpa A, Argani P, Kapur P, Wood LD. PBRM1 loss is a late event during the development of cholangiocarcinoma. *Histopathology.* 2017 Sep;71(3):375-382 PMID: 28394406. **(data acquisition)**
40. Griffin JF, Page AJ, Samaha GJ, Christopher A, Bhaijee F, Pezhouh MK, Peters NA, Hruban RH, **He J**, Makary MA, Lennon AM, Cameron JL, Wolfgang CL, Weiss MJ. Patients with a resected pancreatic mucinous cystic neoplasm have a better prognosis than patients with an intraductal papillary mucinous neoplasm: A large single institution series. *Pancreatology.* 2017 Apr 11. PMID: 28416122. **(data acquisition)**
41. Dal Molin M, Blackford AL, Siddiqui A, Brant A, Cho C, Rezaee N, Yu J, **He J**, Weiss M, Hruban RH, Wolfgang C, Goggins M. Duodenal Involvement is an Independent Prognostic Factor for Patients with Surgically Resected Pancreatic Ductal Adenocarcinoma. *Ann Surg Oncol.* 2017 Apr 24. PMID: 28439733. **(data acquisition)**
42. Peters NA, Javed AA, **He J**, Wolfgang CL, Weiss MJ. Association of socioeconomic, surgical therapy, and survival of early stage hepatocellular carcinoma. *J Surg Res.* 2017 Apr;210:253-260. PMID: 28457336. **(data acquisition)**
43. Sasaki K, Margonis GA, Andreatos N, Zhang XF, Buettner S, Wang J, Deshwar A, **He J**, Wolfgang CL, Weiss M, Pawlik TM. The prognostic utility of the "Tumor Burden Score" based on preoperative radiographic features of colorectal liver metastases. *J Surg Oncol.* 2017 Sep;116(4):515-523. PMID: 28543544. **(data acquisition)**
44. Burkhart RA, Javed AA, Ronnekleiv-Kelly S, Wright MJ, Poruk KE, Eckhauser F, Makary MA, Cameron JL, Wolfgang CL, **He J**, Weiss MJ. The use of negative pressure wound therapy to prevent post-operative surgical site infections following pancreaticoduodenectomy. *HPB (Oxford).* 2017 Sep;19(9):825-831. PMID: 28602643. **(data acquisition)**
45. Epstein JD, Kozak G, Fong ZV, **He J**, Javed AA, Joneja U, Jiang W, Ferrone CR, Lillemoe KD, Cameron JL, Weiss MJ, Lavu H, Yeo CJ, Fernandez-Del Castillo C, Wolfgang CL, Winter JM. Microscopic lymphovascular invasion is an independent predictor of survival in resected pancreatic ductal adenocarcinoma. *J Surg Oncol.* 2017 Nov;116(6):658-664. PMID: 28628722. **(data acquisition)**
46. Lu F, Soares KC, **He J**, Javed AA, Cameron JL, Rezaee N, Pawlik TM, Wolfgang CL, Weiss MJ. Neoadjuvant therapy prior to surgical resection for previously explored pancreatic cancer patients is associated with improved survival. *Hepatobiliary Surg Nutr.* 2017 Jun;6(3):144-153. PMID: 28652997. **(data acquisition)**
47. Margonis GA, Buettner S, Andreatos N, Sasaki K, Ijzermans JNM, van Vugt JLA, Pawlik TM, Choti MA, Cameron JL, **He J**, Wolfgang CL, Weiss MJ. Anatomical Resections Improve

- Disease-Free Survival in Patients With KRAS-mutated Colorectal Liver Metastases. *Ann Surg.* 2017 Oct;266(4):641-649. PMID: 28657938. **(data acquisition)**
48. He J, Kim JR, Lee SY, Oh J, Park T, Kang MJ, Kwon W, Kim H, Kim SW, Cameron JL, Wolfgang CL, Jang JY. Proposed new staging system for ampulla of Vater cancer with greater discriminatory ability: multinational study from Eastern and Western centers. *J Hepatobiliary Pancreat Sci.* 2017 Aug;24(8):475-484. PMID: 28660632. **(first author)**
 49. Sasaki K, Margonis GA, Maitani K, Andreatos N, Wang J, Pikoulis E, He J, Wolfgang CL, Weiss M, Pawlik TM. The Prognostic Impact of Determining Resection Margin Status for Multiple Colorectal Metastases According to the Margin of the Largest Lesion. 2017 Sep;24(9):2438-2446 PMID: 28695393. **(data acquisition)**
 50. Poruk KE, Valero V 3rd, He J, Ahuja N, Cameron JL, Weiss MJ, Lennon AM, Goggins M, Wood LD, Wolfgang CL. Circulating Epithelial Cells in Intraductal Papillary Mucinous Neoplasms and Cystic Pancreatic Lesions. *Pancreas.* 2017 Aug;46(7):943-947. PMID: 28697136. **(data acquisition)**
 51. Shindo K, Yu J, Suenaga M, Fesharakizadeh S, Cho C, Macgregor-Das A, Siddiqui A, Witmer PD, Tamura K, Song TJ, Navarro Almario JA, Brant A, Borges M, Ford M, Barkley T, He J, Weiss MJ, Wolfgang CL, Roberts NJ, Hruban RH, Klein AP, Goggins M. Deleterious Germline Mutations in Patients With Apparently Sporadic Pancreatic Adenocarcinoma. *J Clin Oncol.* 2017 Oct 20;35(30):3382-3390. PMID: 28767289. **(data acquisition)**
 52. Javed AA, Bleich K, Bagante F, He J, Weiss MJ, Wolfgang CL, Fishman EK. Pancreaticoduodenectomy with venous resection and reconstruction: current surgical techniques and associated postoperative imaging findings. *Abdom Radiol (NY).* 2018 May;43(5):1193-1203. PMID: 28828527. **(data acquisition)**
 53. Hua Y, Javed AA, Burkhart RA, Makary MA, Weiss MJ, Wolfgang CL, He J. Preoperative risk factors for conversion and learning curve of minimally invasive distal pancreatectomy. *Surgery.* 2017 Nov;162(5):1040-1047. PMID: 28866314. **(senior author)**
 54. Cohen JD, Javed AA, Thoburn C, Wong F, Tie J, Gibbs P, Schmidt CM, Yip-Schneider MT, Allen PJ, Schattner M, Brand RE, Singhi AD, Petersen GM, Hong SM, Kim SC, Falconi M, Doglioni C, Weiss MJ, Ahuja N, He J, Makary MA, Maitra A, Hanash SM, Dal Molin M, Wang Y, Li L, Ptak J, Dobbyn L, Schaefer J, Silliman N, Popoli M, Goggins MG, Hruban RH, Wolfgang CL, Klein AP, Tomasetti C, Papadopoulos N, Kinzler KW, Vogelstein B, Lennon AM. Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. *Proc Natl Acad Sci U S A.* 2017 Sep 19;114(38):10202-10207. PMID: 28874546. **(data acquisition)**
 55. Rao AD, Feng Z, Shin EJ, He J, Waters KM, Coquia S, DeJong R, Rosati LM, Su L, Li D, Jackson J, Clark S, Schultz J, Hutchings D, Kim SH, Hruban RH, DeWeese TL, Wong J, Narang A, Herman JM, Ding K. A Novel Absorbable Radiopaque Hydrogel Spacer to Separate the Head of the Pancreas and Duodenum in Radiation Therapy for Pancreatic Cancer. *Int J Radiat Oncol Biol Phys.* 2017 Dec 1;99(5):1111-1120. PMID: 28943075. **(data acquisition)**
 56. Morales-Oyarvide V, Mino-Kenudson M, Ferrone CR, Warshaw AL, Lillemoe KD, Sahani DV, Pergolini I, Attiyeh MA, Al Efishat M, Rezaee N, Hruban RH, He J, Weiss MJ, Allen PJ, Wolfgang CL, Fernández-Del Castillo C. Intraductal Papillary Mucinous Neoplasm of the Pancreas in Young Patients: Tumor Biology, Clinical Features, and Survival Outcomes. *J Gastrointest Surg.* 2017 Oct 18. PMID: 29047068. **(data acquisition)**
 57. Ryan JF, Groot VP, Rosati LM, Hacker-Prietz A, Narang AK, McNutt TR, Jackson JF, Le DT, Jaffee EM, Zheng L, Laheru DA, He J, Pawlik TM, Weiss MJ, Wolfgang CL, Herman JM. Stereotactic Body Radiation Therapy for Isolated Local Recurrence After Surgical Resection of Pancreatic Ductal Adenocarcinoma Appears to be Safe and Effective. *Ann Surg Oncol.* 2018 Jan;25(1):280-289. PMID: 29063299. **(data acquisition)**
 58. Galvez D, Sorber R, Javed AA, He J. Technical considerations for the fully robotic pancreaticoduodenectomy. *J Vis Surg.* 2017 Jun 12; 3:81. PMID: 29078644 **(senior author)**
 59. Blair AB, Burkhart RA, Griffin JF, Miller JA, Weiss MJ, Cameron JL, Wolfgang CL, He J. Long-term survival after resection of sarcomatoid carcinoma of the pancreas: an updated experience. *J Surg Res.* 2017 Nov; 219:238-243. PMID: 29078888. **(senior author)**
 60. Giuliano K, Ejaz A, He J. Technical aspects of pancreaticoduodenectomy and their outcomes. *Chin Clin Oncol.* 2017; 6:64. PMID: 29156887. **(senior author)**
 61. Chianchiano P, Pezhouh MK, Kim A, Luchini C, Cameron A, Weiss MJ, He J, Voltaggio L,

- Oshima K, Anders RA, Wood LD. Distinction of Intrahepatic Metastasis from Multicentric Carcinogenesis in Multifocal Hepatocellular Carcinoma Using Molecular Alterations. *Hum Pathol.* 2018 Feb;72:127-134. PMID: 29180252. **(data acquisition)**
62. Margonis GA, Sergentanis TN, Ntanasis-Stathopoulos I, Andreatos N, Tzanninis IG, Sasaki K, Psaltopoulou T, Wang J, Buettner S, Papalois AE, **He J**, Wolfgang CL, Pawlik TM, Weiss MJ. Impact of Surgical Margin Width on Recurrence and Overall Survival Following R0 Hepatic Resection of Colorectal Metastases: A Systematic Review and Meta-analysis. *Ann Surg.* 2018 Jun;267(6):1047-1055. PMID: 29189379. **(data acquisition)**
63. Chen SY, Stem M, Cerullo M, Gearhart SL, Safar B, Fang SH, Weiss MJ, **He J**, Efron JE. The Effect of Frailty Index on Early Outcomes after Combined Colorectal and Liver Resections. *J Gastrointest Surg.* 2018 Apr;22(4):640-649. PMID: 29209981. **(data acquisition)**
64. van Rijssen LB, Gerritsen A, Henselmans I, Sprangers MA, Jacobs M, Bassi C, Busch OR, Fernández-Del Castillo C, Fong ZV, **He J**, Jang JY, Javed AA, Kim SW, Maggino L, Mitra A, Ostwal V, Pellegrini S, Shrikhande SV, Wilmink JW, Wolfgang CL, van Laarhoven HW, Besselink MG; COPRAC study group. Core Set of Patient-reported Outcomes in Pancreatic Cancer (COPRAC): An International Delphi Study Among Patients and Health Care Providers. *Ann Surg.* 2017 Dec 19. PMID: 29261524. **(data acquisition)**
65. Blair AB, Groot VP, Gemenetzi G, Wei J, Cameron JL, Weiss MJ, Goggins M, Wolfgang CL, Yu J, **He J**. BRCA1/BRCA2 Germline Mutation Carriers and Sporadic Pancreatic Adenocarcinoma. *J Am Coll Surg.* 2018 Apr;226(4):630-637 PMID: 29309945. **(senior author)**
66. **He J**, Blair AB, Groot VP, Javed AA, Burkhart RA, Gemenetzi G, Hruban RH, Waters KM, Poling J, Zheng L, Laheru D, Herman JM, Makary MA, Weiss MJ, Cameron JL, Wolfgang CL. Is a Pathological Complete Response Following Neoadjuvant Chemoradiation Associated With Prolonged Survival in Patients With Pancreatic Cancer? *Ann Surg.* 2018 Jan 12. PMID: 29334562. **(first author)**
67. Margonis GA, Buettner S, Andreatos N, Wagner D, Sasaki K, Barbon C, Beer A, Kamphues C, Løes IM, **He J**, Pawlik TM, Kaczirek K, Poultsides G, Lønning PE, Cameron JL, Mischinger HJ, Aucejo FN, Kreis ME, Wolfgang CL, Weiss MJ. Prognostic Factors Change Over Time After Hepatectomy for Colorectal Liver Metastases: A Multi-institutional, International Analysis of 1099 Patients. *Ann Surg.* 2018 Jan 18. PMID: 29351098. **(data acquisition)**
68. Reames BN, Gage MM, Ejaz A, Blair AB, Fishman EK, Cameron JL, Weiss MJ, Wolfgang CL, **He J**. Pancreaticoduodenectomy and Superior Mesenteric Vein Resection Without Reconstruction for Locally Advanced Pancreatic Cancer. *J Gastrointest Surg.* 2018 Jan 23. PMID: 29363015. **(senior author)**
69. Blair AB, Rosati LM, Rezaee N, Gemenetzi G, Zheng L, Hruban RH, Cameron JL, Weiss MJ, Wolfgang CL, Herman JM, **He J**. Postoperative complications after resection of borderline resectable and locally advanced pancreatic cancer: The impact of neoadjuvant chemotherapy with conventional radiation or stereotactic body radiation therapy. *Surgery.* 2018 Jan 25. PMID: 29395234. **(senior author)**
70. Fan CJ, Chien HL, Weiss MJ, **He J**, Wolfgang CL, Cameron JL, Pawlik TM, Makary MA. Minimally invasive versus open surgery in the Medicare population: a comparison of post-operative and economic outcomes. *Surg Endosc.* 2018 Sep;32(9):3874-3880. PMID: 29484556. **(data acquisition)**
71. Gage MM, Reames BN, Ejaz A, Sham J, Fishman EK, Weiss MJ, Wolfgang CL, **He J**. Pancreaticoduodenectomy with en bloc vein resection for locally advanced pancreatic cancer: a case series without venous reconstruction. *Chin Clin Oncol.* 2018 Feb;7(1):7. PMID: 29486566. **(senior author)**
72. Felsenstein M, Noë M, Masica DL, Hosoda W, Chianchiano P, Fischer CG, Lionheart G, Brosens LAA, Pea A, Yu J, Gemenetzi G, Groot VP, Makary MA, **He J**, Weiss MJ, Cameron JL, Wolfgang CL, Hruban RH, Roberts NJ, Karchin R, Goggins MG, Wood LD. IPMNs with co-occurring invasive cancers: neighbours but not always relatives. *Gut.* 2018 Sep;67(9):1652-1662. PMID: 29500184. **(data acquisition)**
73. Groot VP, Thakker SS, Gemenetzi G, Noë M, Javed AA, Burkhart RA, Noveiry BB, Cameron JL, Weiss MJ, VandenBussche CJ, Fishman EK, Hruban RH, Wolfgang CL, Lennon AM, **He J**. Lessons learned from 29 lymphoepithelial cysts of the pancreas: institutional experience and review of the literature. *HPB (Oxford).* 2018 Jul;20(7):612-620. PMID: 29530477. **(senior author)**

74. Groot VP, Gemenetzis G, Blair AB, Rivero-Soto RJ, Yu J, Javed AA, Burkhart RA, Rinkes IHMB, Molenaar IQ, Cameron JL, Weiss MJ, Wolfgang CL, **He J**. Defining and Predicting Early Recurrence in 957 Patients With Resected Pancreatic Ductal Adenocarcinoma. *Ann Surg*. 2018 Mar 23. PMID: 29578908. **(senior author)**
75. Gemenetzis G, Groot VP, Blair AB, Laheru DA, Zheng L, Narang AK, Fishman EK, Hruban RH, Yu J, Burkhart RA, Cameron JL, Weiss MJ, Wolfgang CL, **He J**. Survival in Locally Advanced Pancreatic Cancer After Neoadjuvant Therapy and Surgical Resection. *Ann Surg*. 2018 Mar 28. PMID: 29596120. **(senior author)**
76. Partelli S, Javed AA, Andreasi V, **He J**, Muffatti F, Weiss MJ, Sessa F, La Rosa S, Doglioni C, Zamboni G, Wolfgang CL, Falconi M. The number of positive nodes accurately predicts recurrence after pancreaticoduodenectomy for nonfunctioning neuroendocrine neoplasms. *Eur J Surg Oncol*. 2018 Jun;44(6):778-783. PMID: 29610023. **(data acquisition)**
77. Wang J, Margonis GA, Amini N, Andreatos N, Yuan C, Damaskos C, Antoniou E, Garmpis N, Buettner S, Barbon C, Deshwar A, **He J**, Burkhart R, Pawlik TM, Wolfgang CL, Weiss MJ. The Prognostic Value of Varying Definitions of Positive Resection Margin in Patients with Colorectal Cancer Liver Metastases. *J Gastrointest Surg*. 2018 Apr 9. PMID: 29633114. **(data acquisition)**
78. Barbon C, Margonis GA, Andreatos N, Rezaee N, Sasaki K, Buettner S, Damaskos C, Pawlik TM, **He J**, Wolfgang CL, Weiss MJ. Colorectal Liver Metastases: Does the Future of Precision Medicine Lie in Genetic Testing? *J Gastrointest Surg*. 2018 Jul;22(7):1286-1296. PMID: 29644557. **(data acquisition)**
79. Tamura K, Yu J, Hata T, Suenaga M, Shindo K, Abe T, MacGregor-Das A, Borges M, Wolfgang CL, Weiss MJ, **He J**, Canto MI, Petersen GM, Gallinger S, Syngal S, Brand RE, Rustgi A, Olson SH, Stoffel E, Cote ML, Zogopoulos G, Potash JB, Goes FS, McCombie RW, Zandi PP, Pirooznia M, Kramer M, Parla J, Eshleman JR, Roberts NJ, Hruban RH, Klein AP, Goggins M. Mutations in the pancreatic secretory enzymes CPA1 and CPB1 are associated with pancreatic cancer. *Proc Natl Acad Sci U S A*. 2018 May 1;115(18):4767-4772. PMID: 29669919. **(data acquisition)**
80. Noë M, Rezaee N, Asrani K, Skaro M, Groot VP, Wu PH, Olson MT, Hong SM, Kim SJ, Weiss MJ, Wolfgang CL, Makary MA, **He J**, Cameron JL, Wirtz D, Roberts NJ, Offerhaus GJA, Brosens LAA, Wood LD, Hruban RH. Immunolabeling of Cleared Human Pancreata Provides Insights into Three-Dimensional Pancreatic Anatomy and Pathology. *Am J Pathol*. 2018 Jul;188(7):1530-1535. PMID: 29684363. **(data acquisition)**
81. Margonis GA, Sasaki K, Gholami S, Kim Y, Andreatos N, Rezaee N, Deshwar A, Buettner S, Allen PJ, Kingham TP, Pawlik TM, **He J**, Cameron JL, Jarnagin WR, Wolfgang CL, D'Angelica MI, Weiss MJ. Genetic And Morphological Evaluation (GAME) score for patients with colorectal liver metastases. *Br J Surg*. 2018 Apr 25. PMID: 29691844. **(data acquisition)**
82. Deshwar A, Margonis GA, Andreatos N, Barbon C, Wang J, Buettner S, Wagner D, Sasaki K, Beer A, Løes IM, Pikoulis E, Damaskos C, Garmpis N, Kamphues K, **He J**, Kaczirek K, Poultides G, Lønning PE, Mischinger HJ, Aucejo FN, Kreis ME, Wolfgang CL, Weiss MJ. Double KRAS and BRAF Mutations in Surgically Treated Colorectal Cancer Liver Metastases: An International, Multi-institutional Case Series. *Anticancer Res*. 2018 May;38(5):2891-2895. PMID: 29715113. **(data acquisition)**
83. Groot VP, Gemenetzis G, Blair AB, Ding D, Javed AA, Burkhart RA, Yu J, Borel Rinkes IH, Molenaar IQ, Cameron JL, Fishman EK, Hruban RH, Weiss MJ, Wolfgang CL, **He J**. Implications of the Pattern of Disease Recurrence on Survival Following Pancreatectomy for Pancreatic Ductal Adenocarcinoma. *Ann Surg Oncol*. 2018 Aug;25(8):2475-2483. PMID: 29948425. **(senior author)**
84. Sham JG, Ejaz A, Gage MM, Bagante F, Reames BN, Maithel S, Poultides GA, Bauer TW, Fields RC, Weiss MJ, Marques HP, Aldrighetti L, Pawlik TM, **He J**. The Impact of Extent of Liver Resection Among Patients with Neuroendocrine Liver Metastasis: an International Multi-institutional Study. *J Gastrointest Surg*. 2018 Jul 6. PMID: 29980977. **(senior author)**
85. Gemenetzis G, Groot VP, Yu J, Ding D, Teinor JA, Javed AA, Wood LD, Burkhart RA, Cameron JL, Makary MA, Weiss MJ, **He J**, Wolfgang CL. Circulating Tumor Cells Dynamics in Pancreatic Adenocarcinoma Correlate With Disease Status: Results of the Prospective CLUSTER Study. *Ann Surg*. 2018 Sep;268(3):408-420. PMID: 30080739. **(data acquisition)**

86. Kwon W, **He J**, Higuchi R, Son D, Lee SY, Kim J, Kim H, Kim SW, Wolfgang CL, Cameron JL, Yamamoto M, Jang JY. Multinational validation of the AJCC 8th edition pancreatic cancer staging system in a pancreas head cancer cohort. *J Hepatobiliary Pancreat Sci.* 2018 Aug 17. PMID: 30118171. **(data acquisition)**
87. Poruk KE, Griffin J, Makary MA, **He J**, Cameron JL, Weiss MJ, Wood LD, Goggins M, Wolfgang CL. Blood Type as a Predictor of High-Grade Dysplasia and Associated Malignancy in Patients with Intraductal Papillary Mucinous Neoplasms. *J Gastrointest Surg.* 2018 Sep 4. PMID: 30187322. **(data acquisition)**
88. Hutchings D, Waters KM, Weiss MJ, Wolfgang CL, Makary MA, **He J**, Cameron JL, Wood LD, Hruban RH. Cancerization of the Pancreatic Ducts: Demonstration of a Common and Under-recognized Process Using Immunolabeling of Paired Duct Lesions and Invasive Pancreatic Ductal Adenocarcinoma for p53 and Smad4 Expression. *Am J Surg Pathol.* 2018 Nov;42(11):1556-1561. PMID: 30212393. **(data acquisition)**
89. Javed AA, Wright MJ, Siddique A, Blair AB, Ding D, Burkhart RA, Makary M, Cameron JL, Narang A, Herman J, Zheng L, Laheru D, Weiss MJ, Wolfgang C, **He J**. Outcome of Patients with Borderline Resectable Pancreatic Cancer in the Contemporary Era of Neoadjuvant Chemotherapy. *J Gastrointest Surg.* 2018 Sep 21. PMID: 30242644. **(senior author)**
90. Groot VP, Wolfgang CL, **He J**. ASO Author Reflections: Do Distinct Patterns of Recurrence Impact the Prognosis of Patients With Resected Pancreatic Ductal Adenocarcinoma? *Ann Surg Oncol.* 2018 Oct 8. PMID: 30298312. **(senior author)**
A. Zhi Cheng, Lauren M. Rosati, Linda Chen, Omar Y. Mian, Yilin Cao, Marta Villafania, Minoru Nakatsugawa, Joseph Moore, Scott P. Robertson, Juan Jackson, Amy Hacker-Prietz, **Jin He**, Christopher L. Wolfgang, Matthew J. Weiss, Joseph M. Herman, Amol K. Narang, Todd R. McNutt. Improving prediction of surgical resectability over current staging guidelines in patients with pancreatic cancer who receive stereotactic body radiation therapy. *Adv Radiat Oncol.* 2018 Oct-Dec; 3(4): 601–610. PMID: 30298312. **(data acquisition)**
91. Javed AA, Teinor J, Wright M, Ding D, Burkhart RA, Hundt J, Cameron JL, Makary MA, **He J**, Eckhauser FE, Wolfgang CL, Weiss MJ. Negative Pressure Wound Therapy for Surgical-site Infections: A Randomized Trial. *Ann Surg.* 2018 Oct 10. PMID: 30308616. **(data acquisition)**
92. Pea A, Yu J, Marchionni L, Noe M, Luchini C, Pulvirenti A, de Wilde RF, Brosens LA, Rezaee N, Javed A, Gobbo S, Regi P, Salvia R, Bassi C, **He J**, Weiss MJ, Cameron JL, Offerhaus GJA, Hruban RH, Lawlor RT, Scarpa A, Heaphy CM, Wood LD, Wolfgang CL. Genetic Analysis of Small Well-differentiated Pancreatic Neuroendocrine Tumors Identifies Subgroups With Differing Risks of Liver Metastases. *Ann Surg.* 2018 Oct 17. PMID: 30339629. **(data acquisition)**
93. Gemenetzis G, Groot VP, Blair AB, Ding D, Thakker SS, Fishman EK, Cameron JL, Makary MA, Weiss MJ, Wolfgang CL, **He J**. Incidence and risk factors for abdominal occult metastatic disease in patients with pancreatic adenocarcinoma. *J Surg Oncol.* 2018 Oct 31. PMID: 30380143. **(senior author)**
94. Kuboki Y, Fischer CG, Beleva Guthrie V, Huang W, Yu J, Chianchiano P, Hosoda W, Zhang H, Zheng L, Shao X, Thompson ED, Waters K, Poling J, **He J**, Weiss MJ, Wolfgang CL, Goggins MG, Hruban RH, Roberts NJ, Karchin R, Wood LD. Single-cell sequencing defines genetic heterogeneity in pancreatic cancer precursor lesions. *J Pathol.* 2018 Nov 14. PMID: 30430578. **(data acquisition)**

Review Articles [RA]

1. **He J**, Efron JE. "Screening for colorectal cancer." *Adv Surg.* 2011;45:31-44.2. PMID: 21954677 **(first author)**
2. **He J**, Page AJ, Weiss M, Wolfgang CL, Herman JM, Pawlik TM. "Management of borderline and locally advanced pancreatic cancer: Where do we stand?" *World J Gastroenterol.* 2014;20(9):2255-2266. PMID: 24605025 **(first author)**
3. Dodson RM, **He J**, Pawlik TM. "Resection and transplantation for hepatocellular carcinoma: factors influencing surgical options." *Future Oncol.* 2014 Mar;10(4):587-607. PMID: 24754591 **(data acquisition)**
4. **He J**, Pawlik TM, Makary MA, Wolfgang CL, Weiss MJ. "Laparoscopic pancreatic surgery." *Minerva Chir.* 2014 Dec;69(6):371-378. PMID: 25077736 **(first author)**

5. **He J**, Ahuja N. "Personalized approaches to gastrointestinal cancers: importance of integrating genomic information to guide therapy." *Surg Clin North Am.* 2015 Oct; 95(5): 1081-94. PMID: 26315525 (**first author**)
6. Skelton RA, Javed A, Zheng L, **He J**. Overcoming the resistance of pancreatic cancer to immune checkpoint inhibitors. *J Surg Oncol.* 2017 Jul;116(1):55-62. PMID: 28628715. (**senior author**)
7. Yongfei H, Javed AA, Burkhart R, Peters NA, Hasanain A, Weiss MJ, Wolfgang CL, **He J**. Geographical variation and trends in outcomes of laparoscopic spleen-preserving distal pancreatectomy with or without splenic vessel preservation: A meta-analysis. *Int J Surg.* 2017 Sep;45:47-55. Review. PMID: 28735894. (**senior author**)
8. Galvez D, Javed A, **He J**. Staple-free robotic distal pancreatectomy and splenectomy. *J Vis Surg.* 2016 Aug 8; 2:137 Review. PMID: 29078524 (**senior author**)

Case Reports [CR]

1. Van Arendonk KJ, **He J**. A Massive Retroperitoneal Mass With Leukocytosis. *JAMA Surg.* 2016 Dec 1;151(12):1177-1178. PMID: 27706481. (**senior author**)
2. Van Arendonk KJ, **He J**. A More Common Massive Retroperitoneal Mass-Reply. *JAMA Surg.* 2017 Apr 26. PMID: 28445583. (**senior author**)

Book Chapters, Monographs [BC]

1. **He J**, Qin XY. "Biotherapy of Malignant Tumors in Surgery." In: "Clinical Surgery". Edited by Z.H. Wu. Fudan University Press, Shanghai, 2000. p76-86. ISBN7-5627-0565-8/R.534
2. **He J**, Wolfgang C. "Esophageal Reconstruction - Colonic Interposition." In: "Current Therapy in Thoracic and Cardiovascular Surgery". 2nd Edition. Edited by Stephen C. Yang and Duke E. Cameron.
3. **He J**, Cosgrove D, Herman JM, Pawlik TM. "Liver Metastases from Pancreatic Adenocarcinoma." In: "Noncolorectal, Nonneuroendocrine Liver Metastases". Edited by Di Carlo. Springer. Published by Springer International Publishing Switzerland, 2015.
4. **He J**, Cameron J. "Pancreatoduodenectomy for pancreatic cancer, short and long-term outcome after Kausch-Whipple and pylorus-preserving resection." In: "The Pancreas, 3rd edition". Edited by Hans G. Beger. Published by Wiley-Blackwell.
5. **He J**. "Laparoscopic cholecystectomy." In: "Current Surgical Therapy, 12th edition". Edited by John L. Cameron. Published by Elsevier.
6. **He J**, Cameron J. "Pancreatic Mass." In: "Surgical Decision Making, 6th edition". Edited by Robert C. McIntyre and Richard D. Schulick. Published by Elsevier.

Books, Textbooks [BK]

1. Zhao Y, Zheng L, Zhang T, Edil B, Weiss M, **He J**. "Pancreatic Cancer", 2015 ISBN-10: 9881402778; ISBN-13: 978-9881402776

Other Media [OM] (Videos, Websites, Blogs, Social Media, etc.)

1. **He J**, Choti, MA. "Bile duct injury", multimedia module for the American Board of Surgery SCORE curriculum, online July 2013.
2. **He J**, Pawlik TM. "Choledochal cyst." In: "Surgery, Decision Support in Medicine". Edited by Keith Lellimoe. Published by www.decisionsupportinmedicine.com 2015.

FUNDING

EXTRAMURAL Funding

Research Extramural Funding

2016-2021 Prognostic Biomarkers for ZIP4-mediated Cachexia in Pancreatic Cancer.
R01CA203108 NIH/NCI
\$485,305/year PI: Min Li
Co-PI. (5% effort)

- 2015-2020 Reprogramming the pancreatic tumor microenvironment with immunotherapy.
R01CA197296 NIH/NCI
\$424,612 /year PI: Lei Zheng
Co-PI. (5% effort)
- 2016-2018 A Phase II Study of a GM-CSF Secreting Allogeneic Pancreatic Cancer Vaccine in
Combination with a PD-1 Blockade Antibody (Pembrolizumab) for the Treatment of
Patients with Locally Advanced Adenocarcinoma of the Pancreas.
Gateway for Cancer Research
\$115,689 /year PI: Lei Zheng
Co-PI. (2% effort)

INTRAMURAL Funding

Research Intramural Funding

- 2015-2016 A pilot study to assess the feasibility of using genetic signatures obtained by next
generation sequencing of fine needle aspirates to correlate with recurrence
pattern of patients with resectable pancreatic cancer. Sol Goldman Pancreatic
Cancer Research Pilot Grant
\$50,000
He (PI)
- 2018-2019 The implications of preoperative genetic features in the management of
pancreatic neuroendocrine tumor.
Rothman Early Career Development Award for Surgical Research
\$20,000
He (PI)

CLINICAL ACTIVITIES

Clinical Focus

Minimal invasive liver and pancreas surgery.

1st total robotic daVinci Xi pancreaticoduodenectomy for pancreatic cancer at Johns Hopkins on
11/16/2015

1st total laparoscopic left lateral sectionectomy of liver for HCC at Johns Hopkins on 12/31/2015

Certification

Medical, other state/government licensure

2013 - present Maryland # D76307

Boards, other specialty certification

2014 American Board of Surgery, General Surgery, #059340

2016 American Board of Surgery, Complex General Surgical Oncology, #88

Clinical (Service) Responsibilities

2015 – present Attending surgeon; 100% time commitment, Surgical Oncology.

Clinical Productivity (such as the annual number of patients evaluated or treated, procedures performed, tertiary referrals, wRVUs, etc.) Annual wRVUs: over 10,000

Clinical Draw from outside local/regional area (reflecting national/international reputation)

85% patients are from outside of Maryland.

Clinical Program Building/Leadership

Date Role/percent effort; Minimal invasive liver and pancreas surgery; impact
of program outside of JHMI/region

Clinical Demonstration Activities to external audience, on or off campus

Date Clinical technique/procedure/program, **observing party**, venue

EDUCATIONAL ACTIVITIES

Teaching

Classroom instruction

- 2010-present Surgery intern skills lab, lecturer, "Suturing Skills Orientation"; "GI anastomosis- Explant and Pig lab"; "Inguinal hernia repair" Johns Hopkins
- 2016-present Surgery resident skills lab, lecturer, "Laparoscopic splenectomy" Johns Hopkins
- 2015-present Physician assistant skills lab, lecturer, "Liver resection", Johns Hopkins
- 2014 Surgery intern lecture, lecturer, "Molecular Biology of Cancer", Johns Hopkins
- 2014 Surgery resident lecture, lecturer, "HNPCC & Polyposis syndrome", Johns Hopkins
- 2014 Medical Student Mock Surgery Tumor Board, lecturer, "Melanoma Management", Johns Hopkins
- 2015-present Medical Student Mock Surgery Tumor Board, lecturer, "Pancreatic cancer", Johns Hopkins
- 2015 Medical Student Mock Interview for Residency, Johns Hopkins
- 2015-present 180.650 – "Fundamentals Of Clinical Oncology For Public Health Practitioners", lecturer, Johns Hopkins

CME instruction

Date Role, learner level, course title, venue; any explanatory notes JHMI/Regional

National:

- 2017 Speaker, Physicians, "Third Annual Updated on Advances in Endoscopy, Gastroenterology and Hepatology". Tysons Corner, Virginia. Title: "Pancreas Cancer: Are We Making Progress?"
- 2018 Speaker, Physicians, "44th Annual Topics in Gastroenterology and Hepato-biliary Update". Chevy Chase Bank Conference Center, Baltimore, Maryland. Title: "Surgical Management of Small PNET"

International

Workshops /seminars

Date Role, learner level, course title, venue; notes

- 2016 Speaker, National Cancer Registrars Association, "TNM staging and the treatment of pancreatic cancer".
Webinar.
- 2018 Speaker, Johns Hopkins Pancreatic Cancer Precision Medicine Program Monthly Seminar, "Precision Surgery of Pancreatic cancer: the role of robotic surgery".

Mentoring

Post-doctoral Advisees /Mentees

Date Mentee name, degree, present position; awards/grants/ degrees received under your direction, indicate shared publications scholarship by numbered entries in this CV

RESEARCH ACTIVITIES

Research Focus

1. Integrating the FNA sequencing data into a personalized approach for patients with pancreatic cancer and pancreatic neuroendocrine tumor.
2. Detection of early recurrence of HPB malignancy after surgical resection. Tumor microenvironment and heterogeneity of pancreatic cancer.

Inventions, Patents, Copyrights

1. 5/27/2008 Thorpe PE, Soares MM, **He J.** Anti-viral treatment methods using phosphatidylethanolamine-binding peptide derivatives. #7,378,386
2. 6/10/2008 Thorpe PE, Soares MM, **He J.** Anti-viral treatment methods using phosphatidylethanolamine-binding peptides linked to anti-viral agents. #7,384,909

3. 3/31/2009 Thorpe PE, Soares MM, **He J.** Compositions comprising phosphatidylethanolamine-binding peptides linked to anti-viral agents. #7,511,124
- 2/1/2011 Thorpe PE, **He J.** Compositions comprising cell-impermeant duramycin derivatives. #7,879,801

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation and Quality Improvement efforts within JHMI:

2011-2013, "Early removal of Foley catheter and Reduction of catheter related urinary tract infection." Resident QI team leader, 50% effort. This QI project results in the reminder of Foley catheter removal in POE.

ORGANIZATIONAL ACTIVITIES

Institutional

Administrative

Appointments None

Editorial Activities

2016 Editor on the special issue on "Pancreatic Surgery" for the Journal of Visualized Surgery.

Editorial Board appointments

2015 Associate editor, Journal of Visualized Surgery
2016 Associate editor, Chinese Clinical Oncology
2018 Editorial board member, Annals of Surgical Oncology

Journal peer review activities:

2015-present Annals of Surgical Oncology
2015-present JAMA Surgery
2015-present Journal of Gastrointestinal Surgery
2015-present Annals of Surgery
2016-present Langenbecks Archives of Surgery
2016-present Surgery
2017-present PLOS one
2017-present British Journal of Surgery

Advisory Committees, Review

Groups/Study Sections National:

- NCCN Clinical Practice Guidelines in Oncology: Neuroendocrine Tumors Panel Members 2017 (annual meeting)
- Alliance for Clinical Trials in Oncology: Cancer care standards development committee; Education Committee; Dissemination and implantation committee. (semiannual meeting)
- Americas Hepato-Pancreato-Biliary Association: Conflict of Interest committee; (annual meeting)
- Association for Academic Surgery: Program

Committee;
(annual meeting)

JHMI/Regional

Robotic Credentialing Committee: member, monthly meeting.
Medical Care Evaluation Committee (MCEC): member,
monthly meeting. Goldman grant review committee:
member, yearly meeting

Professional Societies

2004-present Member, American Association for
Cancer Research (AACR) 2015-present Member,
American Society of Clinical Oncology (ASCO)
2015-present Member, Americas Hepato-Pancreato-Biliary
Association (AHPBA) 2015-present Member, International
Hepato-Pancreato-Biliary Association (IHPBA) 2016-present
Member, Society of Surgical Oncology (SSO)
2017-present Member, Society for Surgery of the
Alimentary Tract (SSAT) 2017-present Fellow,
American College of Surgeons (ACS)

Consultantships None

RECOGNITION

Awards, Honors

1998,1999,2000 Guanghai Award (for academic excellence), Fudan University
1999 Hsioung Lee Teaching Award, Fudan University
2001 Outstanding Graduate Student, Fudan University
2013 John L. Cameron Award for Technical Excellence in Surgery, Johns Hopkins
2014 Kristen Ann Carr Travelling Award, Roger Williams Cancer Center, Providence, RI
2014 Merit Award, Conquer Cancer Foundation of ASCO
2014 Methods in Clinical Cancer Research Workshop, AACR/ASCO
2015 Merit Award, Conquer Cancer Foundation of ASCO GI
2018 Rothman Early Career Development Award for Surgical Research
2018 Charles M. Balch, MD Endowed International Fellowship in Surgical Oncology (the
inaugural recipient)
2018 Visiting Professor, Shaoxing University Medical School, Shaoxing, China

Invited Talks (such as grand rounds, keynote addresses, visiting professorships. *Do not duplicate entries
already shown above.*)

Date	Title, sponsor, venue, any explanatory notes	JHMI/Regional
10/29/2015	"Multidisciplinary approach to pancreatic cancer."	JHI China Executive Education Program.
10/12/2017	"Management of Pancreatic Cancer: are we making progress?"	JHH Department of Surgery Grand Rounds
11/12/2017	"Minimal invasive surgery in the management of pancreatic cancer."	PanCAN Visit To The Johns Hopkins Medical Institutions
5/25/2018	"Principles of Upper Abdominal Surgery."	JHMI GYN ONC FELLOW
DIDACTICS		
	Lecture	
6/2/2018	"Management of Pancreas Cancer: the Hopkins experience."	Association of Chinese American Physicians, Mid-Atlantic Chapter, Annual Scientific Gala. USG Conference Center,

Rockville, MD 20850

National

- 3/24/2018 "Do Standardized Clinical Oncology Treatment Pathways Improve Outcomes?" Presented at the 71st SSO Annual Cancer Symposium, McCormick Place Lakeside Center, Chicago, Illinois.
- 4/27/2018 "Workup of Pancreatic Neuroendocrine Tumor" Presented at the Pancreas 2018, Chevy Chase Auditorium, Baltimore, Maryland
- 4/28/2018 "Robotic Surgery for Pancreatic Cancer: the Hopkins experience" Presented at the Pancreas 2018, Chevy Chase Auditorium, Baltimore, Maryland
- 6/2/2018 "How I Do It: 2cm PNET - Resect?" Pancreas Club 2018 Annual Meeting, Willard Intercontinental Washington DC

International

- 6/5/2016 "Minimal invasive pancreatectomy: the Hopkins experience." Presented at the 3rd International Hepatopancreatobiliary Surgery Forum, Hangzhou, China
- 9/14/2017 "Management of Pancreatic Cancer" Presented at the 3rd Annual Meeting of the Jiangsu Pancreas Association, Nanjing, China
- 10/29/2017 "Role of Robotic Surgery in the Management of Pancreatic Neuroendocrine Tumor" The 3rd CNETS-ENETS-NANETS summit, Shandong, China
- 11/8/2017 "Intraductal papillary mucinous neoplasm (IPMN): The More We Learn, the Less We Know" The Annual Pancreas Symposium: Behandeling van pancreaspathologie op maat gesneden; Gasthuis de Leeuwenbergh, Utrecht, Netherland
- 1/13/2018 "Surgical Management of Pancreatic Neuroendocrine Tumor: Role of Robotic Surgery" The 7th Annual Scientific Meeting of Hong Kong Society of Hepatobiliary and Pancreatic Surgery, Hong Kong
- 4/5/2018 "Management of Non-functional Sporadic Pancreatic Neuroendocrine Tumor: a surgeon's perspective" IRCCS Ospedale San Raffaele, Milan, Italy
- 5/7/2018 "Management of Pancreatic Cancer: the Hopkins experience" Presented at the Zhejiang Provincial People's Hospital, Hangzhou Medical College, Zhejiang, China
- 8/3/2018 "Management of Pancreatic Cancer" Presented at the 8th Shanghai International Conference of Gastroenterology (SICG2018), Shanghai, China
- 9/8/2018 "Patterns Of Recurrence Following Pancreatectomy For Pancreatic Cancer" Presented at the 16th Chinese Pancreatic Surgery Congress (CPSC 2018), Xi'an, China
- 9/19/2018 "Management of Pancreatic Cancer" Presented at the 90th Anniversary of Xiamen University Zhongshan Hospital, Xiamen, China
- 9/22/2018 "The Impact Of Neoadjuvant Immunotherapy On Surgical Outcome In Locally Advanced Pancreatic Cancer After Chemotherapy And SBRT" Presented at the 20th Annual Congress of Chinese Society of Clinical Oncology, Xiamen, China
- 11/17/2018 "The Indications of Robotic Pancreatectomy: My Experience in Patient Selection" Presented at the 4th Asian Congress of Robotic and Laparoscopic Surgery, Shanghai, China