

## Curriculum Vitae

Name: Yuta Abe, M.D., Ph.D.  
Citizenship: Japan

### Work Experience:

- 2012–Present Associate Professor, Division of Hepato-Pancreato-Biliary and Transplant Surgery, Department of Surgery, Keio University School of Medicine, Tokyo, Japan
- 2009–2012 Assistant Professor, Division of Hepato-Pancreato-Biliary and Transplant Surgery, Department of Surgery, Tokyo Medical University School of Medicine, Tokyo, Japan
- 2006–2009 Research Fellow (Molecular and Cellular Physiology), Louisiana State University Health Sciences Center, Shreveport, LA, USA
- 2004–2006 General Surgeon, Ogikubo Hospital, Tokyo, Japan
- 2003–2004 Chief Resident (Surgical Oncology), Hepatobiliary and Pancreatic Surgery Division, Department of Surgery, Keio University Hospital, Tokyo, Japan
- 2002–2002 Resident (Liver Transplantation), Department of Surgery, Kyoto University Hospital, Japan
- 2000–2001 Resident (Surgical Oncology), Department of Surgery, Keio University Hospital, Tokyo, Japan
- 1998–1999 Intern, Keio University Hospital, Tokyo, Japan

### Education:

- 1998 Keio University School of Medicine, Tokyo, Japan

### Certification:

- Board Certified Surgeon in Japan Surgical Society  
Board Certified Surgeon in Gastroenterological Surgery  
Board Certified Expert Surgeon (Hepatobiliary-Pancreatic Field)  
General Clinical Oncologist by Japan Board of Cancer Therapy (JBCT)  
Endoscopic Surgical Skill Qualified Surgeon (Laparoscopic hepatectomy) (JSES)

### Honors:

- 2018 EAES (European association of Endoscopic Surgery) Best Video Award  
2014 JSES (Japanese Society of Endoscopic Surgery) Best Video Award (Carl Storz Award)  
2006 Best Chief resident of the Year

1: Kurebayashi Y, Ojima H, Tsujikawa H, Kubota N, Maehara J, Abe Y, Kitago M, Shinoda M, Kitagawa Y, Sakamoto M. Landscape of immune microenvironment in

hepatocellular carcinoma and its additional impact on histological and molecular classification. *Hepatology*. 2018 Mar 30. doi: 10.1002/hep.29904. [Epub ahead of print] PubMed PMID: 29603348.

2: Amemiya R, Shinoda M, Yamada M, Ueno Y, Shimada K, Fujieda H, Yagi H, Mizota T, Nishiyama R, Oshima G, Yamada S, Matsubara K, [Abe Y](#), Hibi T, Kitago M, Obara H, Itano O, Kitagawa Y. Hemoadsorption of high-mobility-group box 1 using a porous polymethylmethacrylate fiber in a swine acute liver failure model. *Int J Artif Organs*. 2018 Apr;41(4):190-200. doi: 10.1177/0391398817752296. Epub 2018 Mar 11. PubMed PMID: 29528759.

3: Endo Y, Kitago M, Miyajima A, Kurihara I, Kameyama K, Shinoda M, Yagi H, [Abe Y](#), Hibi T, Takagi C, Nakano Y, Koizumi W, Itano O, Kitagawa Y. Two-stage resection of a bilateral pheochromocytoma and pancreatic neuroendocrine tumor in a patient with von Hippel-Lindau disease: A case report. *Int J Surg Case Rep*. 2018;44:139-142. doi: 10.1016/j.ijscr.2018.02.020. Epub 2018 Feb 16. PubMed PMID: 29501019.

4: Yamada Y, Hoshino K, Fuchimoto Y, Matsubara K, Hibi T, Yagi H, [Abe Y](#), Shinoda M, Kitago M, Obara H, Yagi T, Okajima H, Kaido T, Uemoto S, Suzuki T, Kubota K, Yoshizumi T, Maehara Y, Inomata Y, Kitagawa Y, Egawa H, Kuroda T. Rituximab Induction to Prevent the Recurrence of PSC After Liver Transplantation-The Lessons Learned From ABO-Incompatible Living Donor Liver Transplantation. *Transplant Direct*. 2018 Feb 2;4(2):e342. doi: 10.1097/TXD.0000000000000760. eCollection 2018 Feb. PubMed PMID: 29464203; PubMed Central PMCID: PMC5811271.

5: Ito Y, [Abe Y](#), Kitago M, Itano O, Kitagawa Y. Predictive factors of late cholangitis in patients undergoing pancreaticoduodenectomy. *World J Surg Oncol*. 2018 Jan 31;16(1):19. doi: 10.1186/s12957-017-1301-6. PubMed PMID: 29386043; PubMed Central PMCID: PMC5793439.

7: Nakano Y, Kitago M, Matsuda S, Nakamura Y, Fujita Y, Imai S, Shinoda M, Yagi H, [Abe Y](#), Hibi T, Fujii-Nishimura Y, Takeuchi A, Endo Y, Itano O, Kitagawa Y. KRAS mutations in cell-free DNA from preoperative and postoperative sera as a pancreatic cancer marker: a retrospective study. *Br J Cancer*. 2018 Mar 6;118(5):662-669. doi: 10.1038/bjc.2017.479. Epub 2018 Jan 23. PubMed PMID: 29360815; PubMed Central PMCID: PMC5846073.

8: Imai S, Shinoda M, Obara H, Kitago M, Hibi T, [Abe Y](#), Yagi H, Matsubara K, Higashi H, Itano O, Kitagawa Y. Tolvaptan for Fluid Management in Living Donor Liver Transplant Recipients. *Ann Transplant*. 2018 Jan 9;23:25-33. PubMed PMID:

29311539.

9: Chiba N, Shimazu M, Takano K, Oshima G, Tomita K, Sano T, Okihara M, Ozawa Y, Hikita K, Gunji T, [Abe Y](#), Koizumi K, Kawachi S. Predicting hepatic failure with a new diagnostic technique by preoperative liver scintigraphy and computed tomography: a pilot study in 123 patients undergoing liver resection. *Patient Saf Surg.* 2017 Dec 18;11:29. doi: 10.1186/s13037-017-0143-z. eCollection 2017. PubMed PMID: 29270223; PubMed Central PMCID: PMC5735932.

10: Chiba N, Gunji T, Ozawa Y, Hikita K, Sano T, Tomita K, [Abe Y](#), Kawachi S. Hepatopancreatoduodenectomy for perihilar cholangiocarcinoma following laparoscopic total gastrectomy. *Int J Surg Case Rep.* 2017;41:209-211. doi: 10.1016/j.ijscr.2017.10.041. Epub 2017 Oct 27. PubMed PMID: 29096345; PubMed Central PMCID: PMC5686222.

11: Nakano Y, Kitago M, Shinoda M, [Abe Y](#), Yagi H, Hibi T, Takeuchi A, Aiura K, Itano O, Kitagawa Y. Clinical predictive factors of long-term survival after curative resection of pancreatic cancer: a retrospective study. *Cancer Med.* 2017 Oct;6(10):2278-2286. doi: 10.1002/cam4.1178. Epub 2017 Sep 18. PubMed PMID: 28925039; PubMed Central PMCID: PMC5633589.

12: Yamada Y, Hoshino K, Mori T, Kawaida M, Abe K, Ishihama H, Shimizu T, Takahashi N, Matsubara K, Hibi T, [Abe Y](#), Yagi H, Shimojima N, Shinoda M, Kitago M, Obara H, Fuchimoto Y, Kameyama K, Kitagawa Y, Kuroda T. Successful living donor liver retransplantation for graft failure within 7 days due to acute de novo donor-specific anti-human leukocyte antigen antibody-mediated rejection. *Hepatol Res.* 2018 Feb;48(3):E360-E366. doi: 10.1111/hepr.12924. Epub 2017 Aug 16. PubMed PMID: 28626871.

13: Fujii T, Obara H, Matsubara K, Fujimura N, Yagi H, Hibi T, [Abe Y](#), Kitago M, Shinoda M, Itano O, Tanabe M, Masugi Y, Sakamoto M, Kitagawa Y. Oral administration of cilostazol improves survival rate after rat liver ischemia/reperfusion injury. *J Surg Res.* 2017 Jun 1;213:207-214. doi: 10.1016/j.jss.2017.02.020. Epub 2017 Feb 23. PubMed PMID: 28601316.

14: Itoi T, Sugimoto M, Umeda J, Sofuni A, Tsuchiya T, Tsuji S, Tanaka R, Tonozuka R, Honjo M, Moriyasu F, Kasuya K, Nagakawa Y, [Abe Y](#), Takano K, Kawachi S, Shimazu M, Soga T, Tomita M, Sunamura M. Serum Metabolomic Profiles for Human Pancreatic Cancer Discrimination. *Int J Mol Sci.* 2017 Apr 4;18(4). pii: E767. doi: 10.3390/ijms18040767. PubMed PMID: 28375170; PubMed Central PMCID: PMC5412351.

15: Higashi H, Obara H, Miyakoshi K, Shinoda M, Kitago M, Shimojima N, [Abe Y](#),

Hibi T, Yagi H, Matsubara K, Yamada Y, Itano O, Hoshino K, Kuroda T, Kitagawa Y. First successful perinatal management of pregnancy after ABO-incompatible liver transplantation. *World J Gastroenterol.* 2017 Jan 21;23(3):547-550. doi:

10.3748/wjg.v23.i3.547. PubMed PMID: 28210092; PubMed Central PMCID: PMC5291861.

16: Iwashita Y, Hibi T, Ohyama T, Honda G, Yoshida M, Miura F, Takada T, Han HS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Yoon YS, Choi IS, Huang WS, Chen KH, Watanabe M, [Abe Y](#), Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Shan YS, Ker CG, Chan DC, Wu CC, Lee KT, Toyota N, Higuchi R, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Shindoh J, Sunagawa H, Gocho T, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Tokumura H, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Mori R, Endo I, Miyazaki M, Yamamoto M. An opportunity in difficulty: Japan-Korea-Taiwan expert Delphi consensus on surgical difficulty during laparoscopic cholecystectomy. *J Hepatobiliary Pancreat Sci.* 2017 Apr;24(4):191-198. doi: 10.1002/jhbp.440. Epub 2017 Mar 19. Review. PubMed PMID: 28196311.

17: Hibi T, Iwashita Y, Ohyama T, Honda G, Yoshida M, Takada T, Han HS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Yoon YS, Choi IS, Huang WS, Chen KH, Miura F, Watanabe M, [Abe Y](#), Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Sheen-Chen SM, Shan YS, Ker CG, Chan DC, Wu CC, Toyota N, Higuchi R, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Shindoh J, Sunagawa H, Gocho T, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Tokumura H, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Endo I, Miyazaki M, Yamamoto M. The "right" way is not always popular: comparison of surgeons' perceptions during laparoscopic cholecystectomy for acute cholecystitis among experts from Japan, Korea and Taiwan. *J Hepatobiliary Pancreat Sci.* 2017 Jan;24(1):24-32. doi: 10.1002/jhbp.417. Epub 2017 Jan 22. PubMed PMID: 28026137.

18: Kishida N, Shinoda M, Itano O, Obara H, Kitago M, Hibi T, Yagi H, [Abe Y](#), Matsubara K, Odaira M, Tanabe M, Shimazu M, Kitagawa Y. Increased Incidence of Thrombotic Microangiopathy After ABO-Incompatible Living Donor Liver Transplantation. *Ann Transplant.* 2016 Dec 13;21:755-764. PubMed PMID: 27956735.

19: Fujita Y, Kitago M, Masugi Y, Itano O, Shinoda M, [Abe Y](#), Hibi T, Yagi H, Fujii-Nishimura Y, Sakamoto M, Kitagawa Y. Two cases of pancreatic ductal adenocarcinoma with intrapancreatic metastasis. *World J Gastroenterol.* 2016 Nov

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- 20: Takagi C, Yagi H, Hieda M, Tajima K, Hibi T, [Abe Y](#), Kitago M, Shinoda M, Itano O, Kitagawa Y. Mesenchymal Stem Cells Contribute to Hepatic Maturation of Human Induced Pluripotent Stem Cells. *Eur Surg Res.* 2017;58(1-2):27-39. doi: 10.1159/000448516. Epub 2016 Sep 7. PubMed PMID: 27598993.
- 21: Iwashita Y, Ohyama T, Honda G, Hibi T, Yoshida M, Miura F, Takada T, Han HS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Yoon YS, Choi IS, Huang WS, Chen KH, Watanabe M, [Abe Y](#), Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Sheen-Chen SM, Shan YS, Ker CG, Chan DC, Lee KT, Toyota N, Higuchi R, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Shindoh J, Sunagawa H, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Tokumura H, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Endo I, Miyazaki M, Yamamoto M. What are the appropriate indicators of surgical difficulty during laparoscopic cholecystectomy? Results from a Japan-Korea-Taiwan multinational survey. *J Hepatobiliary Pancreat Sci.* 2016 Sep;23(9):533-47. doi: 10.1002/jhbp.375. Epub 2016 Sep 5. PubMed PMID: 27490841.
- 22: Ito Y, [Abe Y](#), Handa K, Shibutani S, Egawa T, Nagashima A, Kitago M, Itano O, Kitagawa Y. Postoperative Delirium in Patients after Pancreaticoduodenectomy. *Dig Surg.* 2017;34(1):78-85. Epub 2016 Jul 28. PubMed PMID: 27463247.
- 23: Katsuki Y, Yagi H, Okitsu T, Kitago M, Tajima K, Kadota Y, Hibi T, [Abe Y](#), Shinoda M, Itano O, Takeuchi S, Kitagawa Y. Endocrine pancreas engineered using porcine islets and partial pancreatic scaffolds. *Pancreatology.* 2016 Sep-Oct;16(5):922-30. doi: 10.1016/j.pan.2016.06.007. Epub 2016 Jun 19. PubMed PMID: 27350058.
- 24: Kishida N, Matsuda S, Itano O, Shinoda M, Kitago M, Yagi H, [Abe Y](#), Hibi T, Masugi Y, Aiura K, Sakamoto M, Kitagawa Y. Development of a novel mouse model of hepatocellular carcinoma with nonalcoholic steatohepatitis using a high-fat, choline-deficient diet and intraperitoneal injection of diethylnitrosamine. *BMC Gastroenterol.* 2016 Jun 13;16(1):61. doi: 10.1186/s12876-016-0477-5. PubMed PMID: 27296438; PubMed Central PMCID: PMC4906823.
- 25: Naoi K, Kurita T, Abe M, Furuhashi T, [Abe Y](#), Okazaki K, Miyamoto J, Iwama E, Aoyagi S, Naoi W, Simon P. Ultrafast Nanocrystalline-TiO<sub>2</sub> (B)/Carbon Nanotube Hyperdispersion Prepared via Combined Ultracentrifugation and Hydrothermal Treatments for Hybrid Supercapacitors. *Adv Mater.* 2016 Aug;28(31):6751-7. doi:

- 10.1002/adma.201600798. Epub 2016 May 27. PubMed PMID: 27229372.
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- 27: Mishima K, Obara H, Sugita K, Shinoda M, Kitago M, [Abe Y](#), Hibi T, Yagi H, Matsubara K, Mori T, Takano Y, Fujiwara H, Itano O, Hasegawa N, Iwata S, Kitagawa Y. *Helicobacter cinaedi* bacteremia with cellulitis after ABO-incompatible living-donor liver transplantation: Case report. *World J Gastroenterol.* 2015 Jul 7;21(25):7911-5. doi: 10.3748/wjg.v21.i25.7911. PubMed PMID: 26167092; PubMed Central PMCID: PMC4491979.
- 29: Itano O, Oshima G, Kitago M, Suzuki K, Hayatsu S, Shinoda M, [Abe Y](#), Hibi T, Yagi H, Ikoma N, Aiko S, Kitagawa Y. Harness Traction Technique (HARNESS): Novel Method for Controlling the Transection Plane During Laparoscopic Hepatectomy. *Surg Laparosc Endosc Percutan Tech.* 2015 Aug;25(4):e117-21. doi: 10.1097/SLE.0000000000000171. PubMed PMID: 26121541.
- 30: Fujii-Nishimura Y, Nishiyama R, Kitago M, Masugi Y, Ueno A, Aiura K, Kawachi S, Kawaida M, [Abe Y](#), Shinoda M, Itano O, Tanimoto A, Sakamoto M, Kitagawa Y. Two Cases of Pathological Complete Response to Neoadjuvant Chemoradiation Therapy in Pancreatic Cancer. *Keio J Med.* 2015;64(2):26-31. doi: 10.2302/kjm.2014-0014-CR. PubMed PMID: 26118369.
- 31: Ei S, Shinoda M, Itano O, Obara H, Kitago M, Hibi T, Yagi H, [Abe Y](#), Matsubara K, Ono Y, Kawachi S, Hoshino K, Kuroda T, Tanabe M, Kitagawa Y. Effects of Addition of Early Enteral Nutritional Support During the Postoperative Phase in Patients after Living-Donor Liver Transplantation. *Ann Transplant.* 2015 Jun 25;20:357-65. doi: 10.12659/AOT.893421. PubMed PMID: 26108900.
- 32: Ishikawa J, Oshima M, Iwasaki F, Suzuki R, Park J, Nakao K, Matsuzawa-Adachi Y, Mizutsuki T, Kobayashi A, [Abe Y](#), Kobayashi E, Tezuka K, Tsuji T. Hypothermic temperature effects on organ survival and restoration. *Sci Rep.* 2015 Apr 22;5:9563. doi: 10.1038/srep09563. PubMed PMID: 25900715; PubMed Central PMCID: PMC4405701.
- 33: Tanaka M, Kitago M, Akiyama N, Iwamaru A, Yamamoto T, Suzuki F, Hibi T, [Abe Y](#), Yagi H, Shinoda M, Itano O, Ogata K, Kitagawa Y. Usefulness of

- immunohistochemical studies in diagnosing metachronous gallbladder and small intestinal metastases from lung cancer with gastrointestinal hemorrhage: a case report. *World J Surg Oncol*. 2015 Feb 18;13:63. doi: 10.1186/s12957-015-0435-7. PubMed PMID: 25889744; PubMed Central PMCID: PMC4336682.
- 34: Shinoda M, Kishida N, Itano O, Ei S, Ueno A, Kitago M, [Abe Y](#), Hibi T, Yagi H, Masugi Y, Tanabe M, Aiura K, Sakamaoto M, Tanimoto A, Kitagawa Y. Long-term complete response of advanced hepatocellular carcinoma treated with multidisciplinary therapy including reduced dose of sorafenib: case report and review of the literature. *World J Surg Oncol*. 2015 Apr 9;13:144. doi: 10.1186/s12957-015-0559-9. Review. PubMed PMID: 25889667; PubMed Central PMCID: PMC4422429.
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- 36: Itano O, Oshima G, Minagawa T, Shinoda M, Kitago M, [Abe Y](#), Hibi T, Yagi H, Ikoma N, Aiko S, Kawaida M, Masugi Y, Kameyama K, Sakamoto M, Kitagawa Y. Novel strategy for laparoscopic treatment of pT2 gallbladder carcinoma. *Surg Endosc*. 2015 Dec;29(12):3600-7. doi: 10.1007/s00464-015-4116-y. Epub 2015 Mar 5. PubMed PMID: 25740638.
- 37: Hibi T, Shinoda M, Itano O, Obara H, Kitago M, [Abe Y](#), Yagi H, Tanaka M, Hoshino K, Fujino A, Kuroda T, Kawachi S, Tanabe M, Shimazu M, Kitagawa Y. Steroid minimization immunosuppression protocol using basiliximab in adult living donor liver transplantation for hepatitis C virus-related cirrhosis. *Hepatol Res*. 2015 Dec;45(12):1178-84. doi: 10.1111/hepr.12486. Epub 2015 Feb 26. PubMed PMID: 25594837.
- 38: Kishida N, Hibi T, Itano O, Okabayashi K, Shinoda M, Kitago M, [Abe Y](#), Yagi H, Kitagawa Y. Validation of hepatectomy for elderly patients with hepatocellular carcinoma. *Ann Surg Oncol*. 2015 Sep;22(9):3094-101. doi: 10.1245/s10434-014-4350-x. Epub 2015 Jan 13. PubMed PMID: 25582743.
- 39: Tanaka M, Shinoda M, Takayanagi A, Oshima G, Nishiyama R, Fukuda K, Yagi H, Hayashida T, Masugi Y, Suda K, Yamada S, Miyasho T, Hibi T, [Abe Y](#), Kitago M, Obara H, Itano O, Takeuchi H, Sakamoto M, Tanabe M, Maruyama I, Kitagawa Y. *Gene*

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- 42: Kishida N, Shinoda M, Masugi Y, Itano O, Fujii-Nishimura Y, Ueno A, Kitago M, Hibi T, [Abe Y](#), Yagi H, Tanimoto A, Tanabe M, Sakamaoto M, Kitagawa Y. Cystic tumor of the liver without ovarian-like stroma or bile duct communication: two case reports and a review of the literature. *World J Surg Oncol.* 2014 Jul 21;12:229. doi: 10.1186/1477-7819-12-229. Review. PubMed PMID: 25047921; PubMed Central PMCID: PMC4119182.
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