

## **CURRICULUM VITAE**

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### **Education and Post Graduate Training**

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Residency: Surgery Division, Tokyo University Hospital.

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### **Board Certification**

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## **Bibliography**

1. Shimada H, **Fukagawa T**, Haga Y, Okazumi S, Oba K. Clinical TNM staging for esophageal, gastric, and colorectal cancers in the era of neoadjuvant therapy: A systematic review of the literature. *Ann Gastroenterol Surg.* 2021;00:1–15.
2. Hayama T, Ozawa T, Asako K, Kondo R, Ono K, Okada Y, Tsukamoto M, Fukushima Y, Shimada R, Nozawa K, Matsuda K, Fujii S, **Fukagawa T**, Hashiguchi Y. Impact of Colon Cancer Location on the Prognostic Significance of Nutritional Indexes and Inflammatory Markers. *In Vivo Mar-Apr 2021;35(2):1261-1269.* doi: 10.21873/invivo.12377.
3. Yamaguchi T, Takashima A, Nagashima K, Terashima M, Aizawa M, Ohashi M, Tanaka R, Yamada T, Kinoshita T, Matsushita H, Ishiyama K, Hosoda K, Yuasa Y, Haruta S, Kakihara N, Nishikawa K, Yunome G, Satoh T, **Fukagawa T**, Katai H, Boku N. Impact of preoperative chemotherapy as initial treatment for advanced gastric cancer with peritoneal metastasis limited to positive peritoneal lavage cytology (CY1) or localized peritoneal metastasis (P1a): a multi-institutional retrospective study. *Gastric Cancer.* 2020 Nov 11. doi: 10.1007/s10120-020-01137-6. Online ahead of print.
4. Matsuda K, Hashiguchi Y, Asako K, Okada Y, Ohno K, Tsukamoto M, Fukushima Y, Shimada R, Ozawa T, Hayama T, Nozawa K, **Fukagawa T**, Kikuchi Y, Sasajima Y. A young woman who developed ascending colon cancer 2 years after the onset of ulcerative colitis. *Clin J Gastroenterol.* 2020 Dec;13(6):1189-1195.
5. Matsuda K, Okada Y, Hashiguchi Y, Asako K, Ohno K, Tsukamoto M, Fukushima Y, Shimada R, Ozawa T, Hayama T, Nozawa K, **Fukagawa T**, Sasajima Y. Ulcerative colitis that developed during radiotherapy for prostate cancer, deteriorated rapidly and required emergency surgery. *Surg Case Rep.* 2020 Oct 1;6(1):250.
6. Matsuda K, Hashiguchi Y, Asako K, Okada Y, Ohno K, Tsukamoto M, Fukushima Y, Shimada R, Ozawa T, Hayama T, Nozawa K, **Fukagawa T**, Sasajima Y. Afferent limb syndrome after total proctocolectomy and ileal pouch-anal canal anastomosis. *Surg Case Rep.* 2020 Aug 14;6(1):209.
7. Katai H, Ishikawa T, Akazawa K, **Fukagawa T**, Isobe Y, Miyashiro I, Oda I, Tsujitani S, Ono H, Tanabe S, Nunobe S, Suzuki S, Kakeji Y; Registration Committee of the Japanese Gastric Cancer Association. Optimal extent of lymph node dissection for remnant advanced gastric carcinoma after distal gastrectomy: a retrospective analysis of more than 3000 patients from the nationwide registry of the Japanese Gastric Cancer Association. *Gastric Cancer.* 2020 May 17. doi: 10.1007/s10120-020-01081-5. Online ahead of print.
8. Ito Y, Miyashiro I, Ishikawa T, Akazawa K, Fukui K, Katai H, Nunobe S, Oda I, Isobe Y, Tsujitani S, Ono H, Tanabe S, **Fukagawa T**, Suzuki S, Kakeji Y, Sasako M, Bilchik A, Fujita M; Registration Committee of the Japanese Gastric Cancer Association. Determinant factors on differences in survival for gastric cancer between the US and Japan using nationwide databases. *J Epidemiol.* 2020 Apr 11. doi: 10.2188/jea.JE20190351. Online ahead of print.
9. Terashima M, Yoshikawa T, Boku N, Ito S, Tsuburaya A, Iwasaki Y, **Fukagawa T**, Tokunaga M, Sano T, Sasako M; Stomach Cancer Study Group, Japan Clinical Oncology Group. Current status of perioperative

- chemotherapy for locally advanced gastric cancer and JCOG perspectives. *Jpn J Clin Oncol.* 2020 Mar 5. pii: hyaa005. doi: 10.1093/jjco/hyaa005. [Epub ahead of print]
- 10. Sato Y, Mizusawa J, Katayama H, Nakamura K, **Fukagawa T**, Katai H, Haruta S, Yamada M, Takagi M, Tamura S, Yoshimura T, Tokunaga M, Yoshikawa T, Boku N, Sano T, Sasako M, Terashima M. Diagnosis of invasion depth in resectable advanced gastric cancer for neoadjuvant chemotherapy: An exploratory analysis of Japan clinical oncology group study: JCOG1302A. *Eur J Surg Oncol.* 2020 Mar 4. pii: S0748-7983(20)30145-1. doi: 10.1016/j.ejso.2020.02.038. [Epub ahead of print]
  - 11. Yamaguchi T, Takashima A, Nagashima K, Makuuchi R, Aizawa M, Ohashi M, Tashiro K, Yamada T, Kinoshita T, Hata H, Kawachi Y, Kawabata R, Tsuji T, Hihara J, Sakamoto T, **Fukagawa T**, Katai H, Higuchi K, Boku N. Efficacy of Postoperative Chemotherapy After Resection that Leaves No Macroscopically Visible Disease of Gastric Cancer with Positive Peritoneal Lavage Cytology (CY1) or Localized Peritoneum Metastasis (P1a): A Multicenter Retrospective Study. *Ann Surg Oncol.* 2019 Sep 18. doi: 10.1245/s10434-019-07697-x. [Epub ahead of print] *Ann Surg Oncol.* 2020 Jan;27(1):284-292.
  - 12. Soeda N, Iinuma H, Suzuki Y, Tsukahara D, Midorikawa H, Igarashi Y, Kumata Y, Horikawa M, Kiyokawa T, **Fukagawa T**, Fukushima R. Plasma exosome-encapsulated microRNA-21 and microRNA-92a are promising biomarkers for the prediction of peritoneal recurrence in patients with gastric cancer. *Oncol Lett.* 2019 Nov;18(5):4467-4480. doi: 10.3892/ol.2019.10807. Epub 2019 Sep 4.
  - 13. **Fukagawa T**. Role of staging laparoscopy for gastric cancer patients. *Ann Gastroenterol Surg.* 2019 Aug 21;3(5):496-505. doi: 10.1002/agrs.3.12283. eCollection 2019 Sep. Review.
  - 14. Yamaguchi T, Takashima A, Nagashima K, Makuuchi R, Aizawa M, Ohashi M, Tashiro K, Yamada T, Kinoshita T, Hata H, Kawachi Y, Kawabata R, Tsuji T, Hihara J, Sakamoto T, **Fukagawa T**, Katai H, Higuchi K, Boku N. Efficacy of Postoperative Chemotherapy After Resection that Leaves No Macroscopically Visible Disease of Gastric Cancer with Positive Peritoneal Lavage Cytology (CY1) or Localized Peritoneum Metastasis (P1a): A Multicenter Retrospective Study. *Ann Surg Oncol.* 2019 Sep 18. doi: 10.1245/s10434-019-07697-x. [Epub ahead of print]
  - 15. Nunobe S, Oda I, Ishikawa T, Akazawa K, Katai H, Isobe Y, Miyashiro I, Tsujitani S, Ono H, Tanabe S, **Fukagawa T**, Suzuki S, Kakeji Y; Registration Committee of the Japanese Gastric Cancer. Surgical outcomes of elderly patients with Stage I gastric cancer from the nationwide registry of the Japanese Gastric Cancer Association. *Gastric Cancer.* 2019 Aug 26. doi: 10.1007/s10120-019-01000-3. [Epub ahead of print]
  - 16. Nakanishi K, Morita S, Taniguchi H, Otsuki S, **Fukagawa T**, Katai H. Reply to "Utility of Intraoperative Margin Assessment by Frozen Section in Gastric Cancer". *Ann Surg Oncol.* 2019 Jul 23. doi: 10.1245/s10434-019-07572-9. [Epub ahead of print]
  - 17. Sugimoto K, Ito T, Hulbert A, Chen C, Orita H, Maeda M, Moro H, **Fukagawa T**, Ushijima T, Katai H, Wada R, Sato K, Sakamoto K, Yu W, Considine M, Cope L, Brock MV. DNA methylation genome-wide analysis in remnant and primary gastric cancers. *Gastric Cancer.* 2019 Mar 12. doi: 10.1007/s10120-019-00949-5. [Epub ahead of print]

18. Nakanishi K, Morita S, Taniguchi H, Otsuki S, **Fukagawa T**, Katai H. Diagnostic Accuracy and Usefulness of Intraoperative Margin Assessment by Frozen Section in Gastric Cancer. *Ann Surg Oncol.* 2019 Jun;26(6):1787-1794. doi: 10.1245/s10434-019-07302-1. Epub 2019 Mar 14.
19. Kiyokawa T, **Fukagawa T**. Recent trends from the results of clinical trials on gastric cancer surgery. *Cancer Commun (Lond)*. 2019 Mar 27;39(1):11. doi: 10.1186/s40880-019-0360-1. Review.
20. Maeda M, Takeshima H, Iida N, Hattori N, Yamashita S, Moro H, Yasukawa Y, Nishiyama K, Hashimoto T, Sekine S, Ishii G, Ochiai A, **Fukagawa T**, Katai H, Sakai Y, Ushijima T. Cancer cell niche factors secreted from cancer-associated fibroblast by loss of H3K27me3. *Gut* 2019 May 13. pii: gutjnl-2018-317645. doi: 10.1136/gutjnl-2018-317645. [Epub ahead of print]
21. Kamei R, Yoshimura K, Yoshino S, Inoue M, Asao T, Fuse M, Wada S, Kuramasu A, Furuya-Kondo T, Oga A, Iizuka N, Suzuki N, Maeda N, Watanabe Y, Matsukuma S, Iida M, Takeda S, Ueno T, Yamamoto N, **Fukagawa T**, Katai H, Sasaki H, Hazama S, Oka M, Nagano H. Expression levels of UL16 binding protein 1 and natural killer group 2 member D affect overall survival in patients with gastric cancer following gastrectomy. *Oncol Lett.* 2018 Jan;15(1):747-754. doi: 10.3892/ol.2017.7354. Epub 2017 Nov 6.
22. Ito S, **Fukagawa T**, Noda M, Hu Q, Nambara S, Shimizu D, Kuroda Y, Eguchi H, Masuda T, Sato T, Katai H, Sasako M, Mimori K. Prognostic Impact of Immune-Related Gene Expression in Preoperative Peripheral Blood from Gastric Cancer Patients. *Ann Surg Oncol.* 2018 Sep 10. doi: 10.1245/s10434-018-6739-4. [Epub ahead of print]
23. Katai H, Ishikawa T, Akazawa K, Isobe Y, Miyashiro I, Oda I, Tsujitani S, Ono H, Tanabe S, **Fukagawa T**, Nunobe S, Kakeji Y, Nashimoto A; Registration Committee of the Japanese Gastric Cancer Association. Five-year survival analysis of surgically resected gastric cancer cases in Japan: a retrospective analysis of more than 100,000 patients from the nationwide registry of the Japanese Gastric Cancer Association (2001-2007). *Gastric Cancer.* 2018 Jan; 21(1):144-154. doi: 10.1007/s10120-017-0716-7. Epub 2017 Apr 17
24. Shimada H, **Fukagawa T**, Haga Y, Oba K. Does postoperative morbidity worsen the oncological outcome after radical surgery for gastrointestinal cancers . A systematic review of the literature. *Annals of Gastroenterological Surgery.* 2017; 1:11-23.
25. Katai H, Ishikawa T, Akazawa K, Isobe Y, Miyashiro I, Oda I, Tsujitani S, Ono H, Tanabe S, **Fukagawa T**, Nunobe S, Kakeji Y, Nashimoto A; Registration Committee of the Japanese Gastric Cancer Association.. Five-year survival analysis of surgically resected gastric cancer cases in Japan: a retrospective analysis of more than 100,000 patients from the nationwide registry of the Japanese Gastric Cancer Association (2001-2007). *Gastric Cancer.* 2017 Apr 17. doi: 10.1007/s10120-017-0716-7. [Epub ahead of print]
26. Tokunaga M, Ito S, Yoshikawa T, Nunobe S, **Fukagawa T**, Misawa K, Cho H, Katai H, Sano T, Terashima M. Prognostic factors for survival in patients with pT1 N+ or T2-3 N0 gastric cancer in Japan. *Br J Surg.* 2017 Feb 27. doi: 10.1002/bjs.10509. [Epub ahead of print]
27. Tanabe S, Hirabayashi S, Oda I, Ono H, Nashimoto A, Isobe Y, Miyashiro I, Tsujitani S, Seto Y, **Fukagawa T**, Nunobe S, Furukawa H, Koder Y, Kaminishi M, Katai H. Gastric cancer treated by endoscopic submucosal

- dissection or endoscopic mucosal resection in Japan from 2004 through 2006: JGCA nationwide registry conducted in 2013. *Gastric Cancer*. 2017 Feb 15. doi: 10.1007/s10120-017-0699-4. [Epub ahead of print]
28. **Fukagawa T**, Katai H, Mizusawa J, Nakamura K, Sano T, Terashima M, Ito S, Yoshikawa T, Fukushima N, Kawachi Y, Kinoshita T, Kimura Y, Yabasaki H, Nishida Y, Iwasaki Y, Lee SW, Yasuda T, Sasako M; Stomach Cancer Study Group of the Japan Clinical Oncology Group.. A prospective multi-institutional validity study to evaluate the accuracy of clinical diagnosis of pathological stage III gastric cancer (JCOG1302A). *Gastric Cancer*. 2017 Feb 13. doi: 10.1007/s10120-017-0701-1. [Epub ahead of print]
29. Wada T, Fujiwara H, Morita S, **Fukagawa T**, Katai H. Incidence of and risk factors for preoperative deep venous thrombosis in patients undergoing gastric cancer surgery. *Gastric Cancer*. 2017 Jan 24. doi: 10.1007/s10120-017-0690-0. [Epub ahead of print]
30. Suzuki H, Oda I, Abe S, Sekiguchi M, Nonaka S, Yoshinaga S, Saito Y, **Fukagawa T**, Katai H. Clinical outcomes of early gastric cancer patients after noncurative endoscopic submucosal dissection in a large consecutive patient series. *Gastric Cancer*. 2016 Oct 8. [Epub ahead of print]
31. Katai H, Mizusawa J, Katayama H, Takagi M, Yoshikawa T, **Fukagawa T**, Terashima M, Misawa K, Teshima S, Koeda K, Nunobe S, Fukushima N, Yasuda T, Asao Y, Fujiwara Y, Sasako M. Short-term surgical outcomes from a phase III study of laparoscopy-assisted versus open distal gastrectomy with nodal dissection for clinical stage IA/IB gastric cancer: Japan Clinical Oncology Group Study JCOG0912. *Gastric Cancer*. 2016 Oct 7. [Epub ahead of print]
32. Shinji Morita, **Takeo Fukagawa**, Hisataka Fujiwara, and Hitoshi Katai. Questionnaire survey regarding the current status of super-extended lymph node dissection in Japan. *Shinji Morita, World J Gastrointest Oncol*. 2016 Sep 15; 8(9): 707–714. Published online 2016 Sep 15. doi: 10.4251/wjgo.v8.i9.707
33. Hitoshi Katai Junki Mizusawa Hiroshi Katayama Masakazu Takagi Takaki Yoshikawa **Takeo Fukagawa** Masanori Terashima Kazunari Misawa Shin Teshima Keisuke Koeda Souya Nunobe Norimasa Fukushima Takashi Yasuda Yoshito Asao Yoshiyuki Fujiwara Mitsuru Sasako. Short-term surgical outcomes from a phase III study of laparoscopy-assisted versus open distal gastrectomy with nodal dissection for clinical stage IA/IB gastric cancer: Japan Clinical Oncology Group Study JCOG0912. *Gastric Cancer*. 2016 Oct 7. [Epub ahead of print]
34. Kataoka K, Katai H, Mizusawa J, Katayama H, Nakamura K, Morita S, Yoshikawa T, Ito S, Kinoshita T, **Fukagawa T**, Sasako M; Stomach Cancer Study Group/Japan Clinical Oncology Group. Non-Randomized Confirmatory Trial of Laparoscopy-Assisted Total Gastrectomy and Proximal Gastrectomy with Nodal Dissection for Clinical Stage I Gastric Cancer: Japan Clinical Oncology Group Study JCOG1401. *J Gastric Cancer*. 2016 Jun;16(2):93-7. doi: 10.5230/jgc.2016.16.2.93. Epub 2016 Jun 24 **no**
35. Choi YY, An JY, Katai H, Seto Y, **Fukagawa T**, Okumura Y, Kim DW, Kim HI, Cheong JH, Hyung WJ, Noh SH. A Lymph Node Staging System for Gastric Cancer: A Hybrid Type Based on Topographic and Numeric Systems. *PLoS One*. 2016 Mar 11;11(3):e0149555. doi: 10.1371/journal.pone.0149555. eCollection 2016.
36. Kurashige J, Hasegawa T, Niida A, Sugimachi K, Deng N, Mima K, Uchi R, Sawada G, Takahashi Y, Eguchi

- H, Inomata M, Kitano S, **Fukagawa T**, Sasako M, Sasaki H, Sasaki S, Mori M, Yanagihara K, Baba H, Miyano S, Tan P, Mimori K. Integrated Molecular Profiling of Human Gastric Cancer Identifies DDR2 as a Potential Regulator of Peritoneal Dissemination. *Sci Rep.* 2016 Mar 3;6:22371. doi: 10.1038/srep22371.
37. Sekiguchi M, Oda I, Taniguchi H, Suzuki H, Morita S, **Fukagawa T**, Sekine S, Kushima R, Katai H. Risk stratification and predictive risk-scoring model for lymph node metastasis in early gastric cancer. *J Gastroenterol.* 2016 Feb 16. [Epub ahead of print]
38. Morita S, **Fukagawa T**, Fujiwara H, Katai H. The clinical significance of para-aortic nodal dissection for advanced gastric cancer. *Eur J Surg Oncol.* 2016 Jan 26. pii: S0748-7983(16)00044-5. doi: 10.1016/j.ejso.2016.01.002. [Epub ahead of print]
39. Shimada H, **Fukagawa T**, Haga Y, Oba K. Does remnant gastric cancer really differ from primary gastric cancer? A systematic review of the literature by the Task Force of Japanese Gastric Cancer Association. *Gastric Cancer* 2015 Dec 14. [Epub ahead of print]
40. Honma Y, Yamada Y, Terazawa T, Takashima A, Iwasa S, Kato K, Hamaguchi T, Shimada Y, Ohashi M, Morita S, **Fukagawa T**, Machida N, Katai H. Feasibility of neoadjuvant S-1 and oxaliplatin followed by surgery for resectable advanced gastric adenocarcinoma. *Surg Today.* 2015 Nov 13. [Epub ahead of print] 5
41. Ohashi M, Morita S, **Fukagawa T**, Wada T, Kushima R, Onaya H, Katai H. Evaluation of 64-Channel Contrast-Enhanced Multi-detector Row Computed Tomography for Preoperative N Staging in cT2-4 Gastric Carcinoma. *World J Surg.* 2015 Nov 9. [Epub ahead of print]
42. Ohashi M, Saka M, Katayama H, Okinaka K, Morita S, **Fukagawa T**, Katai H. A Prospective Cohort Study To Evaluate the Feasibility of Intraoperative Antimicrobial Prophylaxis in Open Gastrectomy for Gastric Cancer. *Surg Infect.* 2015 Dec; 16(6):833-9. Ohashi M, Morita S, **Fukagawa T**, Oda I, Kushima R, Katai H. Functional Advantages of Proximal Gastrectomy with Jejunal Interposition Over Total Gastrectomy with Roux-en-Y Esophagojejunostomy for Early Gastric Cancer. *World J Surg.* 2015 Aug 8. [Epub ahead of print]
43. Fujita T, Chiwaki F, Takahashi RU, Aoyagi K, Yanagihara K, Nishimura T, Tamaoki M, Komatsu M, Komatsuzaki R, Matsusaki K, Ichikawa H, Sakamoto H, Yamada Y, **Fukagawa T**, Katai H, Konno H, Ochiya T, Yoshida T, Sasaki H. Identification and Characterization of CXCR4-Positive Gastric Cancer Stem Cells. *PLoS One.* 2015 Jun 25;10(6):e0130808. doi: 10.1371/journal.pone.0130808. eCollection 2015.
44. Shirahige A, Suzuki H, Oda I, Sekiguchi M, Mori G, Abe S, Nonaka S, Yoshinaga S, Sekine S, Kushima R, Saito Y, **Fukagawa T**, Katai H. Fatal submucosal invasive gastric adenosquamous carcinoma detected at surveillance after gastric endoscopic submucosal dissection. *World J Gastroenterol.* 2015 Apr 14;21(14):4385-90. doi: 10.3748/wjg.v21.i14.4385.
45. Suzuki M, Chiwaki F, Sawada Y, Ashikawa M, Aoyagi K, Fujita T, Yanagihara K, Komatsu M, Narita M, Suzuki T, Nagase H, Kushima R, Sakamoto H, **Fukagawa T**, Katai H, Nakagama H, Yoshida T, Uezono Y, Sasaki H. Peripheral opioid antagonist enhances the effect of anti-tumor drug by blocking a cell growth-suppressive pathway in vivo. *PLoS One.* 2015 Apr 8;10(4):e0123407. doi: 10.1371/journal.pone.0123407. eCollection 2015

46. Ohashi M, Morita S, **Fukagawa T**, Kushima R, Katai H. Surgical treatment of non-early gastric remnant carcinoma developing after distal gastrectomy for gastric cancer. *J Surg Oncol.* 2014 Aug 30. doi: 10.1002/jso.23774. [Epub ahead of print]
47. Sekiguchi M, Kushima R, Oda I, Suzuki H, Taniguchi H, Sekine S, **Fukagawa T**, Katai H. Clinical significance of a papillary adenocarcinoma component in early gastric cancer: a single-center retrospective analysis of 628 surgically resected early gastric cancers. *J Gastroenterol.* 2014 Aug 21. [Epub ahead of print]
48. Hirabayashi S, Kosugi S, Isobe Y, Nashimoto A, Oda I, Hayashi K, Miyashiro I, Tsujitani S, Kodera Y, Seto Y, Furukawa H, Ono H, Tanabe S, Kaminishi M, Nunobe S, **Fukagawa T**, Matsuo R, Nagai T, Katai H, Wakai T, Akazawa K. Development and external validation of a nomogram for overall survival after curative resection in serosa-negative, locally advanced gastric cancer. *Ann Oncol.* 2014 Jun;25(6):1179-1184.
49. Ishida M, Sekine S, Taniguchi H, **Fukagawa T**, Katai H, Kushima R. Consistent absence of HER2 expression, regardless of HER2 amplification status, in neuroendocrine carcinomas of the stomach. *Histopathology.* 2013 Dec 11. doi: 10.1111/his.12348. [Epub ahead of print]
50. Mima K, **Fukagawa T**, Kurashige J, Takano Y, Uchi R, Ueno H, Matsumura T, Ishibashi M, Sawada G, Takahashi Y, Akiyoshi S, Eguchi H, Sudo T, Sugimachi K, Watanabe M, Ishii H, Mori M, Baba H, Sasako M, Mimori K. Gene expression of bone morphogenic protein 8B in the primary site peripheral blood and bone marrow of patients with gastric cancer. *Oncol Lett* 2013 Aug; 6(2):387-392.
51. Katai H, Ishida M, Yamashita H, Ohashi M, Morita S, Katayama H, **Fukagawa T**, Kushima R. HER2 Expression in Carcinomas of the True Cardia (Siewert Type II Esophagogastric Junction Carcinoma). *World J Surg.* 2013 Oct 10 (Epub ahead of print).
52. Iwaya T, **Fukagawa T**, Suzuki Y, Takahashi Y, Sawada G, Ishibashi M, Kurashige J, Sudo T, Tanaka F, Shibata K, Endo, Katagiri H, Ishida K, Kume K, Nishizawa SS, Iinuma H, Wakabayashi G, Mori M, Sasako M, Mimori K. Contrasting expression patterns of histone mRNA and micro RNA760 in patients with gastric cancer. *Clin Cancer Res* 2013 Oct 4 (Epub ahead of print)
53. Yamada M, **Fukagawa T**, Nakajima T, Asada K, Sekine S, Yamashita S, Okochi-Takada E, Taniguchi H, Kushima R, Oda I, Saito Y, Ushijima T, Katai H. Hereditary diffuse gastric cancer in a Japanese family with a large deletion involving CDH1. *Gastric Cancer.* 2013 Sep 15. [Epub ahead of print]
54. Ishida M, Sekine S, **Fukagawa T**, Ohashi M, Morita S, Taniguchi H, Katai H, Tsuda H, Kushima R. Neuroendocrine carcinoma of the stomach: morphologic and immunohistochemical characteristics and prognosis. *Am J Surg Pathol.* 2013 Jul;37(7):949-59.
55. Yokobori T, Iinuma H, Shimamura T, Imoto S, Sugimachi K, Ishii H, Iwatsuki M, Ota D, Ohkuma M, Iwaya T, Nishida N, Kogo R, Sudo T, Tanaka F, Shibata K, Toh H, Sato T, Barnard GF, **Fukagawa T**, Yamamoto S, Nakanishi H, Sasaki S, Miyano S, Watanabe T, Kuwano H, Mimori K, Pantel K, Mori M. Plastin3 is a novel marker for circulating tumor cells undergoing the epithelial-mesenchymal transition and is associated with colorectal cancer prognosis. *Cancer Res.* 2013 Feb 1. [Epub ahead of print]
56. Fujita T, Yanagihara K, Takeshita F, Aoyagi K, Nishimura T, Takigahira M, Chiwaki F, **Fukagawa T**, Katai H,

- Ochiya T, Sakamoto H, Konno H, Yoshida T, Sasaki H. Intraperitoneal delivery of a small interfering RNA targeting NEDD1 prolongs the survival of scirrhous gastric cancer model mice. *Cancer Sci.* 2012 Oct 27. doi: 10.1111/cas.12054. [Epub ahead of print]
57. Akiyoshi S, **Fukagawa T**, Ueo H, Ishibashi M, Takahashi Y, Fabbri M, Sasako M, Maehara Y, Mimori K, Mori M. Clinical significance of miR-144-ZFX axis in disseminated tumour cells in bone marrow in gastric cancer cases. *Br J Cancer.* 2012 Oct 9;107(8):1345-53. doi: 10.1038/bjc.2012.326. Epub 2012 Sep 6.
58. Kamata T, Suzuki H, Yoshinaga S, Nonaka S, **Fukagawa T**, Katai H, Taniguchi H, Kushima R, Oda I. Localized gastric amyloidosis differentiated histologically from scirrhous gastric cancer using endoscopic mucosal resection: a case report. *J Med Case Rep.* 2012 Aug 3;6(1):231.
59. Kosaka Y, Mimori K, **Fukagawa T**, Ishikawa K, Etoh T, Katai H, Sano T, Watanabe M, Sasako M, Mori M. Clinical Significance of Molecular Detection of Matrix metalloproteinase-1 in Bone Marrow and Peripheral Blood in Patients with Gastric Cancer. *Ann Surg Oncol.* 2012 Jul 19 Suppl 3:430-7. Epub 2011 Jul 15.
60. Deguchi Y, **Fukagawa T**, Morita S, Ohashi M, Saka M, Katai H. Identification of risk factors for esophagojejunal anastomotic leakage after gastric surgery. *World J Surg.* 2012 Feb 05 Epub.
61. Yamashita H, Katai H, Morita S, Saka M, Taniguchi H, **Fukagawa T**. Optimal extent of lymph node dissection for Siewert type II esophagogastric junction carcinoma. *Ann Surg* 2011;254:274-80.
62. Ishida M, Morita S, Saka M, **Fukagawa T**, Taniguchi H, Katai H. Metachronous liver metastases from early gastric cancer. *J Gastrointest Surg.* 2012 Apr;16(4):837-41. 2011 Dec 10 Epub.
63. Tanaka N, Katai H, Saka M, Morita S, **Fukagawa T**. Laparoscopy-assisted pylorus-preserving gastrectomy: a matched case-control study. *Surg Endosc* 2011;25:114-8.
64. Saka M, Morita S, **Fukagawa T**, Katai H. Present and future status of gastric cancer surgery. *Jpn J Clin Oncol* 2011;41:307-13.
65. Nonaka S, Oda I, Nakaya T, Kusano C, Suzuki H, Yoshinaga S, **Fukagawa T**, Katai H, Gotoda T. Clinical impact of a strategy involving endoscopic submucosal dissection for early gastric cancer: determining the optimal pathway. *Gastric Cancer* 2011;14:56-62.
66. Iwasa S, Yamada Y, **Fukagawa T**, Eguchi Nakajima T, Kato K, Hamaguchi T, Morita S, Saka M, Katai H, Shimada Y. Management of adjuvant S-1 therapy after curative resection of gastric cancer: dose reduction and treatment schedule modification. *Gastric Cancer* 2011;14:28-34. Tanaka N, Katai H, Taniguchi H, Saka M, Morita S, **Fukagawa T**, Gotoda T. Trends in characteristics of surgically treated early gastric cancer patients after the introduction of gastric cancer treatment guidelines in Japan. *Gastric Cancer* 2010;13:74-7.
67. Saka M, Morita S, **Fukagawa T**, Nijjar R, Katai H. Incidence of pulmonary thromboembolism in gastric cancer surgery using routine thromboprophylaxis. *Gastric Cancer* 2010;13:117-22.
68. Morita S, Sasako M, Saka M, **Fukagawa T**, Sano T, Katai H. Correlation between the length of the pyloric cuff and postoperative evaluation after pylorus-preserving gastrectomy. *Gastric Cancer* 2010;13:109-16.
69. Mine S, Sano T, Tsutsumi K, Murakami Y, Ehara K, Saka M, Hara K, **Fukagawa T**, Udagawa H, Katai H. Large-scale investigation into dumping syndrome after gastrectomy for gastric cancer. *J Am Coll Surg*

2010;211:628-36.

70. Katai H, Morita S, Saka M, Taniguchi H, **Fukagawa T**. Long-term outcome after proximal gastrectomy with jejunal interposition for suspected early cancer in the upper third of the stomach. *Br J Surg* 2010;97:558-62.
- Iwatsuki M, Mimori K, **Fukagawa T**, Ishii H, Yokobori T, Sasako M, Baba H, Mori M. The clinical significance of vimentin-expressing gastric cancer cells in bone marrow. *Ann Surg Oncol* 2010;17:2526-33.
71. Inoue M, Sano T, Kuchiba A, Taniguchi H, **Fukagawa T**, Katai H. Long-term results of gastrectomy for alpha-fetoprotein-producing gastric cancer. *Br J Surg* 2010;97:1056-61.
72. **Fukagawa T**, Sasako M, Ito S, Nakanishi H, Iinuma H, Natsugoe S, Katai H, Shimoda T. The prognostic significance of isolated tumor cells in the lymph nodes of gastric cancer patients. *Gastric Cancer* 2010;13:191-6.
73. **Fukagawa T**, Katai H, Saka M, Morita S, Sasajima Y, Taniguchi H, Sano T, Sasako M. Significance of lavage cytology in advanced gastric cancer patients. *World J Surg* 2010;34:563-8.
74. **Fukagawa T**, Gotoda T, Oda I, Deguchi Y, Saka M, Morita S, Katai H. Stenosis of esophago-jejuno anastomosis after gastric surgery. *World J Surg* 2010;34:1859-63.
75. Fujita T, Katai H, Morita S, Saka M, **Fukagawa T**, Sano T. Short-term outcomes of Roux-en-Y stapled anastomosis after distal gastrectomy for gastric adenocarcinoma. *J Gastrointest Surg* 2010;14:289-94.
76. Aoki M, Saka M, Morita S, **Fukagawa T**, Katai H. Afferent loop obstruction after distal gastrectomy with Roux-en-Y reconstruction. *World J Surg* 2010;34:2389-92.
77. Yokobori T, Mimori K, Iwatsuki M, Ishii H, Onoyama I, **Fukagawa T**, Kuwano H, Nakayama KI, Mori M. p53-Altered FBXW7 expression determines poor prognosis in gastric cancer cases. *Cancer Res* 2009;69:3788-94. Kita Y, **Fukagawa T**, Mimori K, Kosaka Y, Ishikawa K, Aikou T, Natsugoe S, Sasako M, Mori M. Expression of uPAR mRNA in peripheral blood is a favourite marker for metastasis in gastric cancer cases. *Br J Cancer* 2009;100:153-9.
78. Iwatsuki M, **Fukagawa T**, Mimori K, Nakanishi H, Ito S, Ishii H, Yokobori T, Sasako M, Baba H, Mori M. Bone marrow and peripheral blood expression of ID1 in human gastric carcinoma patients is a bona fide indicator of lymph node and peritoneal metastasis. *Br J Cancer* 2009;100:1937-42.
79. **Fukagawa T**, Katai H, Sasako M. Isolated tumor cells in lymph nodes of patients with gastric cancer. *Ann Surg Oncol*. 2010 Oct.10 Epub.
80. **Fukagawa T**, Sasako M, Shimoda T, Sano T, Katai H, Saka M, Mann GB, Karpeh M, Coit DG, Brennan MF. The prognostic impact of isolated tumor cells in lymph nodes of T2N0 gastric cancer: comparison of American and Japanese gastric cancer patients. *Ann Surg Oncol* 2009;16:609-13.
81. **Fukagawa T**, Katai H, Saka M, Morita S, Sano T, Sasako M. Gallstone formation after gastric cancer surgery. *J Gastrointest Surg* 2009;13:886-9.
82. Yamada Y, Arao T, Gotoda T, Taniguchi H, Oda I, Shirao K, Shimada Y, Hamaguchi T, Kato K, Hamano T, Koizumi F, Tamura T, Saito D, Shimoda T, Saka M, **Fukagawa T**, Katai H, Sano T, Sasako M, Nishio K.

Identification of prognostic biomarkers in gastric cancer using endoscopic biopsy samples. *Cancer Sci* 2008;99:2193-9.

83. Saka M, Katai H, **Fukagawa T**, Nijjar R, Sano T. Recurrence in early gastric cancer with lymph node metastasis. *Gastric Cancer* 2008;11:214-8.
84. Oda I, Gotoda T, Sasako M, Sano T, Katai H, **Fukagawa T**, Shimoda T, Emura F, Saito D. Treatment strategy after non-curative endoscopic resection of early gastric cancer. *Br J Surg* 2008;95:1495-500.
85. Morita S, Katai H, Saka M, **Fukagawa T**, Sano T, Sasako M. Outcome of pylorus-preserving gastrectomy for early gastric cancer. *Br J Surg* 2008;95:1131-5.
86. Mimori K, **Fukagawa T**, Kosaka Y, Kita Y, Ishikawa K, Etoh T, Iinuma H, Sasako M, Mori M. Hematogenous metastasis in gastric cancer requires isolated tumor cells and expression of vascular endothelial growth factor receptor-1. *Clin Cancer Res* 2008;14:2609-16.
87. Mimori K, **Fukagawa T**, Kosaka Y, Ishikawa K, Iwatsuki M, Yokobori T, Hirasaki S, Takatsuno Y, Sakashita H, Ishii H, Sasako M, Mori M. A large-scale study of MT1-MMP as a marker for isolated tumor cells in peripheral blood and bone marrow in gastric cancer cases. *Ann Surg Oncol* 2008;15:2934-42.
88. Sasako M, Saka M, **Fukagawa T**, Katai H, Sano T. Surgical treatment of advanced gastric cancer: Japanese perspective. *Dig Surg* 2007;24:101-7.
89. Sakamoto Y, Sano T, Shimada K, Esaki M, Saka M, **Fukagawa T**, Katai H, Kosuge T, Sasako M. Favorable indications for hepatectomy in patients with liver metastasis from gastric cancer. *J Surg Oncol* 2007;95:534-9.
90. Ohashi M, Katai H, **Fukagawa T**, Gotoda T, Sano T, Sasako M. Cancer of the gastric stump following distal gastrectomy for cancer. *Br J Surg* 2007;94:92-5.
91. Nunobe S, Sasako M, Saka M, **Fukagawa T**, Katai H, Sano T. Symptom evaluation of long-term postoperative outcomes after pylorus-preserving gastrectomy for early gastric cancer. *Gastric Cancer* 2007;10:167-72.
92. Nunobe S, Okaro A, Sasako M, Saka M, **Fukagawa T**, Katai H, Sano T. Billroth 1 versus Roux-en-Y reconstructions: a quality-of-life survey at 5 years. *Int J Clin Oncol* 2007;12:433-9.
93. Kosaka Y, Mimori K, **Fukagawa T**, Ishikawa K, Etoh T, Katai H, Sano T, Watanabe M, Sasako M, Mori M. Identification of the high-risk group for metastasis of gastric cancer cases by vascular endothelial growth factor receptor-1 overexpression in peripheral blood. *Br J Cancer* 2007;96:1723-8.
94. Whiting J, Sano T, Saka M, **Fukagawa T**, Katai H, Sasako M. Follow-up of gastric cancer: a review. *Gastric Cancer* 2006;9:74-81.
95. Sasako M, Saka M, **Fukagawa T**, Katai H, Sano T. Modern surgery for gastric cancer--Japanese perspective. *Scand J Surg* 2006;95:232-5.
96. Kubo M, Sano T, **Fukagawa T**, Katai H, Sasako M. Increasing body mass index in Japanese patients with gastric cancer. *Gastric Cancer* 2005;8:39-41.
97. Katai H, Yoshimura K, **Fukagawa T**, Sano T, Sasako M. Risk factors for pancreas-related abscess after total gastrectomy. *Gastric Cancer* 2005;8:137-41.
98. Etoh T, Katai H, **Fukagawa T**, Sano T, Oda I, Gotoda T, Yoshimura K, Sasako M. Treatment of early gastric

- cancer in the elderly patient: results of EMR and gastrectomy at a national referral center in Japan. Gastrointest Endosc 2005;62:868-71.
99. Sayegh ME, Sano T, Dexter S, Katai H, **Fukagawa T**, Sasako M. TNM and Japanese staging systems for gastric cancer: how do they coexist? Gastric Cancer 2004;7:140-8.
  100. Katai H, Sasako M, Sano T, **Fukagawa T**. Gastric cancer surgery in the elderly without operative mortality. Surg Oncol 2004;13:235-8.
  101. Katai H, Sano T, Sasako M, **Fukagawa T**, Saka M. Update on surgery of gastric cancer: new procedures versus standard technique. Dig Dis 2004;22:338-44.
  102. Katai H, Sano T, **Fukagawa T**, Shinohara H, Sasako M. Prospective study of proximal gastrectomy for early gastric cancer in the upper third of the stomach. Br J Surg 2003;90:850-3.
  103. **Fukagawa T**, Sasako M, Mann GB, Sano T, Katai H, Maruyama K, Nakanishi Y, Shimoda T. Immunohistochemically detected micrometastases of the lymph nodes in patients with gastric carcinoma. Cancer 2001;92:753-60.