

1. Chiba S, Hisamatsu T, Suzuki H, Mori K, Kitazume MT, Shimamura K, Mizuno S, Nakamoto N, Matsuoka K, Naganuma M, [Kanai T](#). Glycolysis regulates LPS-induced cytokine production in M2 polarized human macrophages. *Immunol Lett* 2017;183:17-23.
2. Chu PS, Nakamoto N, Taniki N, Ojio K, Amiya T, Makita Y, Murata H, Yamaguchi A, Shiba S, Miyake R, Katayama T, Ugamura A, Ikura A, Takeda K, Ebinuma H, Saito H, [Kanai T](#). On-treatment decrease of NKG2D correlates to early emergence of clinically evident hepatocellular carcinoma after interferon-free therapy for chronic hepatitis C. *PLoS One* 2017;12:e0179096.
3. Fukuda T, Naganuma M, Sugimoto S, Nanki K, Mizuno S, Mutaguchi M, Nakazato Y, Inoue N, Ogata H, Iwao Y, [Kanai T](#). The risk factor of clinical relapse in ulcerative colitis patients with low dose 5-aminosalicylic acid as maintenance therapy: A report from the IBD registry. *PLoS One* 2017;12:e0187737.
4. Fukuhara S, Masaoka T, Nishimura S, Nakamura M, Matsuzaki J, Tsugawa H, Miyoshi S, Mori H, Kawase S, Shibata S, Okano H, [Kanai T](#), Suzuki H. Enteric Glial Dysfunction Evoked by Apolipoprotein E Deficiency Contributes to Delayed Gastric Emptying. *Dig Dis Sci* 2017;62:3359-3369.
5. Hamamoto Y, Nojima M, Aoki Y, Suzuki T, Kawasaki K, Hirata K, Sukawa Y, Kasuga A, Kawakubo H, Takeuchi H, Murakami K, Takaishi H, [Kanai T](#), Kitagawa Y. Inter-evaluator heterogeneity of clinical diagnosis for locally advanced esophageal squamous cell carcinoma. *Esophagus* 2017;14:324-332.
6. Hayashi A, Mikami Y, Miyamoto K, Kamada N, Sato T, Mizuno S, Naganuma M, Teratani T, Aoki R, Fukuda S, Suda W, Hattori M, Amagai M, Ohyama M, [Kanai T](#). Intestinal Dysbiosis and Biotin Deprivation Induce Alopecia through Overgrowth of *Lactobacillus murinus* in Mice. *Cell Rep* 2017;20:1513-1524.
7. Hirata K, Yokoyama A, Nakamura R, Omori T, Kawakubo H, Mizukami T, Maruyama K, [Kanai T](#), Yokoyama T. Soft palatal melanosis, a simple predictor for neoplasia in the upper aerodigestive tract in Japanese alcoholic men. *Cancer Sci* 2017;108:1058-1064.
8. Horibe M, Sasaki M, Sanui M, Sugiyama D, Iwasaki E, Yamagishi Y, Sawano H, Goto T, Ikeura T, Hamada T, Oda T, Yasuda H, Shinomiya W, Miyazaki D, Hirose K, Kitamura K, Chiba N, Ozaki T, Yamashita T, Koinuma T, Oshima T, Yamamoto T, Hirota M, Moriya T, Shirai K, Mayumi T, [Kanai T](#). Continuous Regional Arterial Infusion of Protease Inhibitors Has No Efficacy in the Treatment of Severe Acute Pancreatitis: A Retrospective Multicenter Cohort Study. *Pancreas* 2017;46:510-517.
9. Hosoe N, Ohmiya N, Hirai F, Umeno J, Esaki M, Yamagami H, Onodera K, Bamba S, Imaeda H, Yanai S, Hisamatsu T, Ogata H, Matsumoto T. Chronic Enteropathy Associated With SLCO2A1 Gene [CEAS]-Characterisation of an Enteric Disorder to be Considered in the Differential Diagnosis of Crohn's Disease. *J Crohns Colitis* 2017;11:1277-1281.
10. Ikeura T, Horibe M, Sanui M, Sasaki M, Kuwagata Y, Nishi K, Kariya S, Sawano H, Goto T, Hamada T, Oda T, Yasuda H, Ogura Y, Miyazaki D, Hirose K, Kitamura K, Chiba N, Ozaki T, Yamashita T, Koinuma T, Oshima T, Yamamoto T, Hirota M, Yamamoto S, Oe K, Ito T, Iwasaki E, [Kanai T](#), Okazaki K, Mayumi T. Validation of the efficacy of the prognostic factor

- score in the Japanese severity criteria for severe acute pancreatitis: A large multicenter study. *United European Gastroenterol J* 2017;5:389-397.
11. Kashiwagi K, Inoue N, Yoshida T, Bessho R, Yoneno K, Imaeda H, Ogata H, Kanai T, Sugino Y, Iwao Y. The impact of visceral adipose tissue as best predictor for difficult colonoscopy and the clinical utility of a long small-caliber scope as rescue. *PLoS One* 2017;12:e0189817.
 12. Kashiwagi K, Inoue N, Yoshida T, Bessyo R, Yoneno K, Imaeda H, Ogata H, Kanai T, Sugino Y, Iwao Y. Polyp detection rate in transverse and sigmoid colon significantly increases with longer withdrawal time during screening colonoscopy. *PLoS One* 2017;12:e0174155.
 13. Kashiwagi K, Nakazato Y, Arai M, Iwasaki E, Naganuma M, Inoue N, Iwao Y, Ogata H, Murakami K, Kanai T. Limited Identification of Dual-time-point Positron Emission Tomography/Computed Tomography in Advanced Colorectal Neoplasms. *Intern Med* 2017;56:1287-1292.
 14. Kasuga A, Hamamoto Y, Takeuchi A, Kawasaki K, Suzuki T, Hirata K, Sukawa Y, Takaishi H, Kanai T. Positive relationship between subsequent chemotherapy and overall survival in pancreatic cancer: meta-analysis of postprogression survival for first-line chemotherapy. *Cancer Chemother Pharmacol* 2017;79:595-602.
 15. Kawasaki K, Hamamoto Y, Horibe M, Shimura K, Nakamura A, Kanai T, Takaishi H. Curative resectability of gastrointestinal cancer identified from iron deficiency anemia. *Oncol Lett* 2017;14:4301-4304.
 16. Kawasaki K, Hamamoto Y, Suzuki T, Hirata K, Sukawa Y, Kasuga A, Hayashi Y, Takaishi H, Kameyama K, Kanai T. Benefit of rebiopsy for deciding treatment strategy in rectal cancer: A case report. *Oncol Lett* 2017;14:3697-3700.
 17. Kinoshita S, Nishizawa T, Hisamatsu T, Kanai T, Yahagi N. Polyglycolic acid sheet for closure of esophagobronchial fistula in a patient with Behcet's disease. *Gastrointest Endosc* 2017;85:1094-1096.
 18. Kinoshita S, Nishizawa T, Ochiai Y, Uraoka T, Akimoto T, Fujimoto A, Maehata T, Goto O, Kanai T, Yahagi N. Accuracy of biopsy for the preoperative diagnosis of superficial nonampullary duodenal adenocarcinoma. *Gastrointest Endosc* 2017;86:329-332.
 19. Kishikawa H, Kimura K, Ito A, Arahata K, Takarabe S, Kaida S, Kanai T, Miura S, Nishida J. Correction: Association between Increased Gastric Juice Acidity and Sliding Hiatal Hernia Development in Humans. *PLoS One* 2017;12:e0172375.
 20. Kishikawa H, Kimura K, Ito A, Arahata K, Takarabe S, Kaida S, Kanai T, Miura S, Nishida J. Association between Increased Gastric Juice Acidity and Sliding Hiatal Hernia Development in Humans. *PLoS One* 2017;12:e0170416.
 21. Kishikawa H, Kimura K, Ito A, Arahata K, Takarabe S, Kaida S, Miyauchi J, Miura S, Kanai T, Nishida J. Cutoff Pepsinogen Level for Predicting Unintendedly Eradicated Cases of *Helicobacter pylori* Infection in Subjects with Seemingly Normal Pepsinogen Levels. *Digestion* 2017;95:229-236.
 22. Kitamura K, Horibe M, Sanui M, Sasaki M, Yamamiya A, Ishii Y, Yoshida H, Sawano H, Goto T, Ikeura T, Hamada T, Oda T, Yasuda H, Ogura Y, Miyazaki D, Hirose K, Chiba N, Ozaki T, Yamashita T, Koinuma T, Oshima T, Yamamoto T, Hirota M, Azumi Y, Nagata K, Saito N, Sato M, Miyamoto K,

- Iwasaki E, Kanai T, Mayumi T. The Prognosis of Severe Acute Pancreatitis Varies According to the Segment Presenting With Low Enhanced Pancreatic Parenchyma on Early Contrast-Enhanced Computed Tomography: A Multicenter Cohort Study. *Pancreas* 2017;46:867-873.
23. Matsushita M, Nakatake Y, Arai I, Ibata K, Kohda K, Goparaju SK, Murakami M, Sakota M, Chikazawa-Nohtomi N, Ko SBH, Kanai T, Yuzaki M, Ko MSH. Neural differentiation of human embryonic stem cells induced by the transgene-mediated overexpression of single transcription factors. *Biochem Biophys Res Commun* 2017;490:296-301.
 24. Minami K, Iwasaki E, Itoi T, Hibi T, Kanai T. Successful EUS-guided nondilated pancreatic duct stent placement in patient with refractory pancreatic fistula after pancreaticoduodenectomy. *VideoGIE* 2017;2:315-316.
 25. Miyamoto K, Horibe M, Sanui M, Sasaki M, Sugiyama D, Kato S, Yamashita T, Goto T, Iwasaki E, Shirai K, Oe K, Sawano H, Oda T, Yasuda H, Ogura Y, Hirose K, Kitamura K, Chiba N, Ozaki T, Oshima T, Yamamoto T, Nagata K, Mine T, Saito K, Sekino M, Furuya T, Matsuda N, Hayakawa M, Kanai T, Mayumi T. Plasmapheresis therapy has no triglyceride-lowering effect in patients with hypertriglyceridemic pancreatitis. *Intensive Care Med* 2017;43:949-951.
 26. Mizukami T, Sugimoto S, Masaoka T, Suzuki H, Kanai T. Colonic dysmotility and morphological abnormality frequently detected in Japanese patients with irritable bowel syndrome. *Intest Res* 2017;15:236-243.
 27. Mizuki A, Tatemichi M, Nakazawa A, Tsukada N, Nagata H, Kanai T. Changes in the Clinical Features and Long-term Outcomes of Colonic Diverticulitis in Japanese Patients. *Intern Med* 2017;56:2971-2977.
 28. Mizuno S, Kanai T. Fecal microbiota transplantation. *Nihon Rinsho* 2017;75:492-497.
 29. Mizuno S, Masaoka T, Naganuma M, Kishimoto T, Kitazawa M, Kurokawa S, Nakashima M, Takeshita K, Suda W, Mimura M, Hattori M, Kanai T. Bifidobacterium-Rich Fecal Donor May Be a Positive Predictor for Successful Fecal Microbiota Transplantation in Patients with Irritable Bowel Syndrome. *Digestion* 2017;96:29-38.
 30. Mizuno S, Nanki K, Matsuoka K, Saigusa K, Ono K, Arai M, Sugimoto S, Kiyohara H, Nakashima M, Takeshita K, Naganuma M, Suda W, Hattori M, Kanai T. Single fecal microbiota transplantation failed to change intestinal microbiota and had limited effectiveness against ulcerative colitis in Japanese patients. *Intest Res* 2017;15:68-74.
 31. Mizuno S, Wakui M, Machida Y, Hosoe N, Hisamatsu T, Ishida T, Kameyama K, Naganuma M, Kanai T. Increased levels of prostaglandin E-major urinary metabolite (PGE-MUM) in active mesenteric panniculitis patients: A case report. *Medicine (Baltimore)* 2017;96:e9237.
 32. Mori H, Suzuki H, Matsuzaki J, Masaoka T, Kanai T. Antibiotic resistance and gyrA mutation affect the efficacy of 10-day sitafloxacin-metronidazole-esomeprazole therapy for Helicobacter pylori in penicillin allergic patients. *United European Gastroenterol J* 2017;5:796-804.
 33. Mori H, Suzuki H, Matsuzaki J, Taniguchi K, Shimizu T, Yamane T, Masaoka T, Kanai T. Gender Difference of Gastric Emptying in Healthy Volunteers and Patients with Functional Dyspepsia. *Digestion*

- 2017;95:72-78.
34. Naganuma M, Hosoe N, Nakazato Y, Ogata H, Kanai T. Reply to Gheorghie et al. *Endoscopy* 2017;49:1286.
 35. Naganuma M, Kanai T. Endoscopy for inflammatory bowel disease. *Nihon Rinsho* 2017;75:380-385.
 36. Naganuma M, Okuda S, Hisamatsu T, Matsuoka K, Mori K, Hosoe N, Nakazato Y, Ogata H, Kanai T. Findings of ulceration and severe stricture on MRE can predict prognosis of Crohn's disease in patients treated with anti-TNF treatment. *Abdom Radiol (NY)* 2017;42:141-151.
 37. Naganuma M, Yahagi N, Bessho R, Ohno K, Arai M, Mutaguchi M, Mizuno S, Fujimoto A, Uraoka T, Shimoda M, Hosoe N, Ogata H, Kanai T. Evaluation of the severity of ulcerative colitis using endoscopic dual red imaging targeting deep vessels. *Endosc Int Open* 2017;5:E76-e82.
 38. Nakamoto N, Amiya T, Aoki R, Taniki N, Koda Y, Miyamoto K, Teratani T, Suzuki T, Chiba S, Chu PS, Hayashi A, Yamaguchi A, Shiba S, Miyake R, Katayama T, Suda W, Mikami Y, Kamada N, Ebinuma H, Saito H, Hattori M, Kanai T. Commensal *Lactobacillus* Controls Immune Tolerance during Acute Liver Injury in Mice. *Cell Rep* 2017;21:1215-1226.
 39. Nakase H, Motoya S, Matsumoto T, Watanabe K, Hisamatsu T, Yoshimura N, Ishida T, Kato S, Nakagawa T, Esaki M, Nagahori M, Matsui T, Naito Y, Kanai T, Suzuki Y, Nojima M, Watanabe M, Hibi T. Significance of measurement of serum trough level and anti-drug antibody of adalimumab as personalised pharmacokinetics in patients with Crohn's disease: a subanalysis of the DIAMOND trial. *Aliment Pharmacol Ther* 2017;46:873-882.
 40. Nakazato Y, Naganuma M, Sugimoto S, Bessho R, Arai M, Kiyohara H, Ono K, Nanki K, Mutaguchi M, Mizuno S, Kobayashi T, Hosoe N, Shimoda M, Abe T, Inoue N, Ogata H, Iwao Y, Kanai T. Endocytoscopy can be used to assess histological healing in ulcerative colitis. *Endoscopy* 2017;49:560-563.
 41. Nishizawa T, Ochiai Y, Uraoka T, Akimoto T, Mitsunaga Y, Goto O, Fujimoto A, Maehata T, Kanai T, Yahagi N. Endoscopic slip-knot clip suturing method: prospective pilot study (with video). *Gastrointest Endosc* 2017;85:433-437.
 42. Nishizawa T, Suzuki H, Fujimoto A, Kinoshita H, Yoshida S, Isomura Y, Toyoshima A, Kanai T, Yahagi N, Toyoshima O. Effects of patient age and choice of antisecretory agent on success of eradication therapy for *Helicobacter pylori* infection. *J Clin Biochem Nutr* 2017;60:208-210.
 43. Nishizawa T, Suzuki H, Goto O, Ogata H, Kanai T, Yahagi N. Effect of prophylactic clipping in colorectal endoscopic resection: A meta-analysis of randomized controlled studies. *United European Gastroenterol J* 2017;5:859-867.
 44. Nishizawa T, Suzuki H, Hosoe N, Ogata H, Kanai T, Yahagi N. Dexmedetomidine vs propofol for gastrointestinal endoscopy: A meta-analysis. *United European Gastroenterol J* 2017;5:1037-1045.
 45. Nishizawa T, Suzuki H, Sakitani K, Yamashita H, Yoshida S, Hata K, Kanazawa T, Fujiwara N, Kanai T, Yahagi N, Toyoshima O. Family history is an independent risk factor for the progression of gastric atrophy among patients with *Helicobacter pylori* infection. *United European Gastroenterol J* 2017;5:32-36.

46. Shimokawa M, Ohta Y, Nishikori S, Matano M, Takano A, Fujii M, Date S, Sugimoto S, Kanai T, Sato T. Visualization and targeting of LGR5(+) human colon cancer stem cells. *Nature* 2017;545:187-192.
47. Shinzaki S, Matsuoka K, Iijima H, Mizuno S, Serada S, Fujimoto M, Arai N, Koyama N, Morii E, Watanabe M, Hibi T, Kanai T, Takehara T, Naka T. Leucine-rich Alpha-2 Glycoprotein is a Serum Biomarker of Mucosal Healing in Ulcerative Colitis. *J Crohns Colitis* 2017;11:84-91.
48. Sugimoto S, Naganuma M, Iwao Y, Matsuoka K, Shimoda M, Mikami S, Mizuno S, Nakazato Y, Nanki K, Inoue N, Ogata H, Kanai T. Endoscopic morphologic features of ulcerative colitis-associated dysplasia classified according to the SCENIC consensus statement. *Gastrointest Endosc* 2017;85:639-646.e2.
49. Tanemoto S, Sujino T, Kanai T. [Intestinal immune response is regulated by gut microbe]. *Nihon Rinsho Meneki Gakkai Kaishi* 2017;40:408-415.
50. Teratani T, Tomita K, Suzuki T, Furuhashi H, Irie R, Hida S, Okada Y, Kurihara C, Ebinuma H, Nakamoto N, Saito H, Hibi T, Miura S, Hokari R, Kanai T. Free cholesterol accumulation in liver sinusoidal endothelial cells exacerbates acetaminophen hepatotoxicity via TLR9 signaling. *J Hepatol* 2017;67:780-790.
51. Usui S, Ebinuma H, Chu PS, Nakamoto N, Yamagishi Y, Saito H, Kanai T. Detection of bacterial DNA by in situ hybridization in patients with decompensated liver cirrhosis. *BMC Gastroenterol* 2017;17:106.
52. Yamada S, Kamada N, Amiya T, Nakamoto N, Nakaoka T, Kimura M, Saito Y, Ejima C, Kanai T, Saito H. Gut microbiota-mediated generation of saturated fatty acids elicits inflammation in the liver in murine high-fat diet-induced steatohepatitis. *BMC Gastroenterol* 2017;17:136.