

1. Abe R, Mori T, Tanigawa T, Koda Y, Hosoe N, Sakurai M, Kikuchi T, Kato J, Shimizu T, Ogata H, Kanai T, Sasaki A, Kameyama K and Okamoto S. Clinical characteristics and outcomes of duodenal-type follicular lymphoma. *Leuk Lymphoma*. 2020;61:3266-3268.
2. Fukuda T, Naganuma M, Takabayashi K, Hagihara Y, Tanemoto S, Nomura E, Yoshimatsu Y, Sugimoto S, Nanki K, Mizuno S, Mikami Y, Fukuhara K, Sujino T, Mutaguchi M, Inoue N, Ogata H, Iwao Y, Abe T and Kanai T. Mucosal concentrations of N-acetyl-5-aminosalicylic acid related to endoscopic activity in ulcerative colitis patients with mesalamine. *J Gastroenterol Hepatol*. 2020;35:1878-1885.
3. Fukuhara S, Kato M, Iwasaki E, Machida Y, Tamagawa H, Kawasaki S, Sasaki M, Kiguchi Y, Takatori Y, Matsuura N, Nakayama A, Ogata H, Kanai T and Yahagi N. External drainage of bile and pancreatic juice after endoscopic submucosal dissection for duodenal neoplasm: Feasibility study (with video). *Dig Endosc*. 2020.
4. Fukuhara S, Kato M, Iwasaki E, Sasaki M, Tsutsumi K, Kiguchi Y, Akimoto T, Takatori Y, Nakayama A, Maehata T, Minami K, Ogata H, Kanai T and Yahagi N. Management of perforation related to endoscopic submucosal dissection for superficial duodenal epithelial tumors. *Gastrointest Endosc*. 2020;91:1129-1137.
5. Hayashi Y, Hosoe N, Takabayashi K, Kamiya KJL, Mutaguchi M, Miyanaga R, Hirata K, Fukuhara S, Mikami Y, Sujino T, Masugi Y, Naganuma M, Ogata H and Kanai T. Clinical and Endoscopic Characteristics of Pyogenic Granuloma in the Small Intestine: A Case Series with Literature Review. *Intern Med*. 2020;59:501-505.
6. Hayashi Y, Hosoe N, Takabayashi K, Limpas Kamiya KJL, Tsugaru K, Shimozaki K, Hirata K, Fukuhara K, Fukuhara S, Mutaguchi M, Sujino T, Sukawa Y, Hamamoto Y, Naganuma M, Takaishi H, Shimoda M, Ogata H and Kanai T. Clinical, Endoscopic, and Pathological Characteristics of Immune Checkpoint Inhibitor-Induced Gastroenterocolitis. *Dig Dis Sci*. 2020.
7. Hiraide T, Teratani T, Uemura S, Yoshimatsu Y, Naganuma M, Shinya Y, Momoi M, Kobayashi E, Hakamata Y, Fukuda K, Kanai T and Kataoka M. Pulmonary Arterial Hypertension Caused by AhR Signal Activation Protecting Against Colitis. *Am J Respir Crit Care Med*. 2020.
8. Horibe M, Iwasaki E, Bazerbachi F, Kaneko T, Matsuzaki J, Minami K, Masaoka T, Hosoe N,

Ogura Y, Namiki S, Hosoda Y, Ogata H, Chan AT and Kanai T. Horibe GI bleeding prediction score: a simple score for triage decision-making in patients with suspected upper GI bleeding. *Gastrointest Endosc.* 2020;92:578-588.e4.

9. Horibe M, Iwasaki E, Nakagawa A, Matsuzaki J, Minami K, Machida Y, Tamagawa H, Takimoto Y, Ueda M, Katayama T, Kawasaki S, Matsushita M, Seino T, Fukuhara S and Kanai T. Efficacy and safety of immediate oral intake in patients with mild acute pancreatitis: A randomized controlled trial. *Nutrition.* 2020;74:110724.

10. Hosoe N, Limpas Kamiya KJL, Hayashi Y, Sujino T, Ogata H and Kanai T. Current status of colon capsule endoscopy. *Dig Endosc.* 2020.

11. Ikura A, Chu PS, Nakamoto N, Ojiro K, Taniki N, Yoshida A, Shinoda M, Morikawa R, Yamataka K, Noguchi F, Hoshi H, Usui S, Ebinuma H, Kitagawa Y, Saito H and Kanai T. CLIF-C Organ Failure Score and Liver Volume Predict Prognosis in Steroid-Treated Severe Acute Autoimmune Hepatitis. *Hepatol Commun.* 2020;4:1019-1033.

12. Inuki S, Hirata N, Kashiwabara E, Kishi J, Aiba T, Teratani T, Nakamura W, Kojima Y, Maruyama T, Kanai T and Fujimoto Y. Polar functional group-containing glycolipid CD1d ligands modulate cytokine-biasing responses and prevent experimental colitis. *Sci Rep.* 2020;10:15766.

13. Iwasaki E, Minami K, Itoi T, Yamamoto K, Tsuji S, Sofuni A, Tsuchiya T, Tanaka R, Tonozuka R, Machida Y, Takimoto Y, Tamagawa H, Katayama T, Kawasaki S, Seino T, Horibe M, Fukuhara S, Kitago M, Ogata H and Kanai T. Impact of electrical pulse cut mode during endoscopic papillectomy: Pilot randomized clinical trial. *Dig Endosc.* 2020;32:127-135.

14. Kashiwagi K, Seino T, Makino K, Shimizu-Hirota R, Takayama M, Yoshida T, Iwasaki E, Sugino Y, Inoue N, Iwao Y and Kanai T. Negative effect of fatty liver on visualization of pancreatic cystic lesions at screening transabdominal ultrasonography. *J Eval Clin Pract.* 2020;26:256-261.

15. Kashiwagi K, Takayama M, Fukuhara K, Shimizu-Hirota R, Chu PS, Nakamoto N, Inoue N, Iwao Y and Kanai T. A significant association of non-obese non-alcoholic fatty liver disease with sarcopenic obesity. *Clin Nutr ESPEN.* 2020;38:86-93.

16. Kashiwagi K, Yamaguchi A, Shiba S, Taniki N, Inoue N, Takaishi H, Iwao Y and Kanai T. Moderate alcohol consumption is not associated with subclinical cardiovascular damage but with hepatic fibrosis in non-alcoholic fatty liver disease. *Alcohol*. 2020;89:1-7.
17. Kasuga A, Semba T, Sato R, Nobusue H, Sugihara E, Takaishi H, Kanai T, Saya H and Arima Y. Oncogenic KRAS-expressing organoids with biliary epithelial stem cell properties give rise to biliary tract cancer in mice. *Cancer Sci*. 2020.
18. Kato M, Takatori Y, Sasaki M, Mizutani M, Tsutsumi K, Kiguchi Y, Akimoto T, Mutaguchi M, Nakayama A, Takabayashi K, Maehata T, Kanai T and Yahagi N. Water pressure method for duodenal endoscopic submucosal dissection (with video). *Gastrointest Endosc*. 2020.
19. Kawasaki K, Fujii M, Sugimoto S, Ishikawa K, Matano M, Ohta Y, Toshimitsu K, Takahashi S, Hosoe N, Sekine S, Kanai T and Sato T. Chromosome Engineering of Human Colon-Derived Organoids to Develop a Model of Traditional Serrated Adenoma. *Gastroenterology*. 2020;158:638-651.e8.
20. Kawasaki K, Toshimitsu K, Matano M, Fujita M, Fujii M, Togasaki K, Ebisudani T, Shimokawa M, Takano A, Takahashi S, Ohta Y, Nanki K, Igarashi R, Ishimaru K, Ishida H, Sukawa Y, Sugimoto S, Saito Y, Maejima K, Sasagawa S, Lee H, Kim HG, Ha K, Hamamoto J, Fukunaga K, Maekawa A, Tanabe M, Ishihara S, Hamamoto Y, Yasuda H, Sekine S, Kudo A, Kitagawa Y, Kanai T, Nakagawa H and Sato T. An Organoid Biobank of Neuroendocrine Neoplasms Enables Genotype-Phenotype Mapping. *Cell*. 2020;183:1420-1435.e21.
21. Kayashima A, Shimozaki K, Hirata K, Mutaguchi M, Takabayashi K, Hayashi Y, Hosoe N, Ogata H, Sujino T and Kanai T. Ulcerative colitis exacerbation after the onset of immune checkpoint inhibitor related colitis. *Clin J Gastroenterol*. 2020.
22. Kiguchi Y, Kato M, Nakayama A, Sasaki M, Mizutani M, Tsutsumi K, Akimoto T, Takatori Y, Mutaguchi M, Takabayashi K, Ochiai Y, Maehata T, Kanai T and Yahagi N. Feasibility study comparing underwater endoscopic mucosal resection and conventional endoscopic mucosal resection for superficial non-ampullary duodenal epithelial tumor < 20 mm. *Dig Endosc*. 2020;32:753-760.
23. Kishikawa H, Ojio K, Nakamura K, Katayama T, Arahata K, Takarabe S, Miura S, Kanai T and Nishida J. Previous Helicobacter pylori infection-induced atrophic gastritis: A distinct disease entity in an

understudied population without a history of eradication. *Helicobacter*. 2020;25:e12669.

24. Kita T, Ashizuka S, Ohmiya N, Yamamoto T, Kanai T, Motoya S, Hirai F, Nakase H, Moriyama T, Nakamura M, Suzuki Y, Kanmura S, Kobayashi T, Ohi H, Nozaki R, Mitsuyama K, Yamamoto S, Inatsu H, Watanabe K, Hibi T and Kitamura K. Adrenomedullin for steroid-resistant ulcerative colitis: a randomized, double-blind, placebo-controlled phase-2a clinical trial. *J Gastroenterol*. 2020.

25. Limpas Kamiya KJ, Hosoe N, Takabayashi K, Hayashi Y, Sun X, Miyanaga R, Fukuhara K, Fukuhara S, Naganuma M, Nakayama A, Kato M, Maehata T, Nakamura R, Ueno K, Sasaki J, Kitagawa Y, Yahagi N, Ogata H and Kanai T. Endoscopic removal of foreign bodies: A retrospective study in Japan. *World J Gastrointest Endosc*. 2020;12:33-41.

26. Minami K, Horibe M, Sanui M, Sasaki M, Iwasaki E, Sawano H, Goto T, Ikeura T, Takeda T, Oda T, Yasuda H, Ogura Y, Miyazaki D, Kitamura K, Chiba N, Ozaki T, Yamashita T, Koinuma T, Oshima T, Yamamoto T, Hirota M, Tokuhira N, Azumi Y, Nagata K, Takeda K, Furuya T, Lefor AK, Mayumi T and Kanai T. The Effect of an Invasive Strategy for Treating Pancreatic Necrosis on Mortality: a Retrospective Multicenter Cohort Study. *J Gastrointest Surg*. 2020;24:2037-2045.

27. Mizuno S, Ono K, Mikami Y, Naganuma M, Fukuda T, Minami K, Masaoka T, Terada S, Yoshida T, Saigusa K, Hirahara N, Miyata H, Suda W, Hattori M and Kanai T. 5-Aminosalicylic acid intolerance is associated with a risk of adverse clinical outcomes and dysbiosis in patients with ulcerative colitis. *Intest Res*. 2020;18:69-78.

28. Mori H, Suzuki H, Matsuzaki J, Masaoka T and Kanai T. 10-Year Trends in Helicobacter pylori Eradication Rates by Sitafloxacin-Based Third-Line Rescue Therapy. *Digestion*. 2020;101:644-650.

29. Morikawa R, Nakamoto N, Amiya T, Chu PS, Koda Y, Teratani T, Suzuki T, Kurebayashi Y, Ueno A, Taniki N, Miyamoto K, Yamaguchi A, Shiba S, Katayama T, Yoshida K, Takada Y, Ishihara R, Ebinuma H, Sakamoto M and Kanai T. Role of CC chemokine receptor 9 in the progression of murine and human non-alcoholic steatohepatitis. *J Hepatol*. 2020.

30. Naganuma M, Kobayashi T, Nasuno M, Motoya S, Kato S, Matsuoka K, Hokari R, Watanabe C, Sakamoto H, Yamamoto H, Sasaki M, Watanabe K, Iijima H, Endo Y, Ichikawa H, Ozeki K, Tanida S, Ueno N, Fujiya M, Sako M, Takeuchi K, Sugimoto S, Abe T, Hibi T, Suzuki Y and Kanai T. Significance of

Conducting 2 Types of Fecal Tests in Patients With Ulcerative Colitis. *Clin Gastroenterol Hepatol.* 2020;18:1102-1111.e5.

31. Naganuma M, Sugimoto S, Fukuda T, Mitsuyama K, Kobayashi T, Yoshimura N, Ohi H, Tanaka S, Andoh A, Ohmiya N, Saigusa K, Yamamoto T, Morohoshi Y, Ichikawa H, Matsuoka K, Hisamatsu T, Watanabe K, Mizuno S, Abe T, Suzuki Y and Kanai T. Indigo naturalis is effective even in treatment-refractory patients with ulcerative colitis: a post hoc analysis from the INDIGO study. *J Gastroenterol.* 2020;55:169-180.

32. Naganuma M, Yokoyama Y, Motoya S, Watanabe K, Sawada K, Hirai F, Yamamoto T, Hanai H, Omori T, Kanai T and Hibi T. Efficacy of apheresis as maintenance therapy for patients with ulcerative colitis in an open-label prospective multicenter randomised controlled trial. *J Gastroenterol.* 2020;55:390-400.

33. Nakayama A, Kato M, Takatori Y, Shimoda M, Mizutani M, Tsutsumi K, Kiguchi Y, Akimoto T, Sasaki M, Mutaguchi M, Takabayashi K, Maehata T, Ochiai Y, Kanai T and Yahagi N. How I do it: Endoscopic diagnosis for superficial non-ampullary duodenal epithelial tumors. *Dig Endosc.* 2020;32:417-424.

34. Nanki K, Fujii M, Shimokawa M, Matano M, Nishikori S, Date S, Takano A, Toshimitsu K, Ohta Y, Takahashi S, Sugimoto S, Ishimaru K, Kawasaki K, Nagai Y, Ishii R, Yoshida K, Sasaki N, Hibi T, Ishihara S, Kanai T and Sato T. Somatic inflammatory gene mutations in human ulcerative colitis epithelium. *Nature.* 2020;577:254-259.

35. Nishizawa T, Sakitani K, Suzuki H, Yoshida S, Kataoka Y, Nakai Y, Ebinuma H, Kanai T, Toyoshima O and Koike K. Clinical features of cardiac nodularity-like appearance induced by Helicobacter pylori infection. *World J Gastroenterol.* 2020;26:5354-5361.

36. Noguchi F, Chu PS, Taniki N, Yoshida A, Morikawa R, Yamaguchi A, Ikura A, Yamataka K, Hoshi H, Usui S, Ebinuma H, Saito H, Kanai T and Nakamoto N. Long-term Observation of Cyclosporine as Second-line Therapy in Adults of Severe Acute Autoimmune Hepatitis. *Hepatology.* 2020.

37. Nomura E, Sujino T, Hosoe N, Yoshimatsu Y, Tanemoto S, Takabayashi K, Mutaguchi M, Shimoda M, Naganuma M, Ogata H and Kanai T. Characteristics of the Mucosal Surface on Scanning

Electron Microscopy in Patients with Remitting Ulcerative Colitis. *Dig Dis Sci*. 2020.

38. Saito Y, Koya J, Araki M, Kogure Y, Shingaki S, Tabata M, McClure MB, Yoshifuji K, Matsumoto S, Isaka Y, Tanaka H, Kanai T, Miyano S, Shiraishi Y, Okuno Y and Kataoka K. Landscape and function of multiple mutations within individual oncogenes. *Nature*. 2020;582:95-99.
39. Saruta M, Park DI, Kim YH, Yang SK, Jang BI, Cheon JH, Im JP, Kanai T, Katsuno T, Ishiguro Y, Nagaoka M, Isogawa N, Li Y, Banerjee A, Ahmad A, Hassan-Zahraee M, Clare R, Gorelick KJ, Cataldi F, Watanabe M and Hibi T. Anti-MAdCAM-1 antibody (PF-00547659) for active refractory Crohn's disease in Japanese and Korean patients: the OPERA study. *Intest Res*. 2020;18:45-55.
40. Sasaki N, Miyamoto K, Maslowski KM, Ohno H, Kanai T and Sato T. Development of a Scalable Coculture System for Gut Anaerobes and Human Colon Epithelium. *Gastroenterology*. 2020;159:388-390.e5.
41. Shiba S, Chu PS, Nakamoto N, Yamataka K, Taniki N, Ojiro K, Yamaguchi A, Morikawa R, Yoshida A, Ikura A, Ebinuma H, Saito H and Kanai T. Clinical implications with tolvaptan on monitored bioimpedance-defined fluid status in patients with cirrhotic ascites: an observational study. *BMC Gastroenterol*. 2020;20:53.
42. Shimozaki K, Sukawa Y, Beppu N, Kurihara I, Suzuki S, Mizuno R, Funakoshi T, Ikemura S, Tsugaru K, Togasaki K, Kawasaki K, Hirata K, Hayashi H, Hamamoto Y, Takaishi H and Kanai T. Multiple Immune-Related Adverse Events and Anti-Tumor Efficacy: Real-World Data on Various Solid Tumors. *Cancer Manag Res*. 2020;12:4585-4593.
43. Sukezaki A, Chu PS, Shinoda M, Hibi T, Taniki N, Yoshida A, Kawaida M, Hori S, Morikawa R, Kurokouchi A, Wakino S, Kameyama K, Obara H, Kitagawa Y, Saito H, Kanai T and Nakamoto N. Late-onset acute liver failure due to Wilson's disease managed by plasmapheresis and hemodiafiltration successfully serving as a bridge for deceased donor liver transplantation: a case report and literature review. *Clin J Gastroenterol*. 2020;13:1239-1246.
44. Suzuki T, Sukawa Y, Imamura CK, Masuishi T, Satake H, Kumekawa Y, Funakoshi S, Kotaka M, Horie Y, Kawai S, Okuda H, Terazawa T, Kondoh C, Kato K, Yoshimura K, Ishikawa H, Hamamoto Y, Boku N, Takaishi H and Kanai T. A Phase II Study of Regorafenib With a Lower Starting Dose in Patients With

Metastatic Colorectal Cancer: Exposure-Toxicity Analysis of Unbound Regorafenib and Its Active Metabolites (RESET Trial). *Clin Colorectal Cancer*. 2020;19:13-21.e3.

45. Takabayashi K, Hosoe N, Kato M, Hayashi Y, Miyanaga R, Nanki K, Fukuhara K, Mikami Y, Mizuno S, Sujino T, Mutaguchi M, Naganuma M, Yahagi N, Ogata H and Kanai T. Efficacy of Novel Ultrathin Single-Balloon Enteroscopy for Crohn's Disease: A Propensity Score-Matched Study. *Gut Liver*. 2020;14:619-625.

46. Takabayashi K, Hosoe N, Kato M, Hayashi Y, Nanki K, Fukuhara K, Mikami Y, Mizuno S, Sujino T, Mutaguchi M, Naganuma M, Yahagi N, Ogata H and Kanai T. Significance of endoscopic deep small bowel evaluation using balloon-assisted enteroscopy for Crohn's disease in clinical remission. *J Gastroenterol*. 2020.

47. Takabayashi K, Hosoe N, Ogata H and Kanai T. Giant Mesocaval Shunt Formed by Recurrent Ileal Intussusception. *Intern Med*. 2020;59:747-748.

48. Teratani T, Mikami Y, Nakamoto N, Suzuki T, Harada Y, Okabayashi K, Hagihara Y, Taniki N, Kohno K, Shibata S, Miyamoto K, Ishigame H, Chu PS, Sujino T, Suda W, Hattori M, Matsui M, Okada T, Okano H, Inoue M, Yada T, Kitagawa Y, Yoshimura A, Tanida M, Tsuda M, Iwasaki Y and Kanai T. The liver-brain-gut neural arc maintains the T(reg) cell niche in the gut. *Nature*. 2020;585:591-596.

49. Teratani T, Tomita K, Toma-Fukai S, Nakamura Y, Itoh T, Shimizu H, Shiraishi Y, Sugihara N, Higashiyama M, Shimizu T, Inoue I, Takenaka Y, Hokari R, Adachi T, Shimizu T, Miura S and Kanai T. Redox-dependent PPAR γ /Tnpo1 complex formation enhances PPAR γ nuclear localization and signaling. *Free Radic Biol Med*. 2020;156:45-56.

50. Teratani T, Tomita K, Wada A, Sugihara N, Higashiyama M, Inaba K, Horiuchi K, Hanawa Y, Nishii S, Mizoguchi A, Tanemoto R, Ito S, Okada Y, Kurihara C, Akita Y, Narimatsu K, Watanabe C, Komoto S, Oike Y, Miura S, Hokari R and Kanai T. Angiopoietin-like protein 4 deficiency augments liver fibrosis in liver diseases such as nonalcoholic steatohepatitis in mice through enhanced free cholesterol accumulation in hepatic stellate cells. *Hepatol Res*. 2020.

51. Togasaki K, Sugimoto S, Ohta Y, Nanki K, Matano M, Takahashi S, Fujii M, Kanai T and Sato T. Wnt Signaling Shapes the Histologic Variation in Diffuse Gastric Cancer. *Gastroenterology*. 2020.

52. Watanabe K, Motoya S, Ogata H, Kanai T, Matsui T, Suzuki Y, Shikamura M, Sugiura K, Oda K, Hori T, Araki T, Watanabe M and Hibi T. Effects of vedolizumab in Japanese patients with Crohn's disease: a prospective, multicenter, randomized, placebo-controlled Phase 3 trial with exploratory analyses. *J Gastroenterol.* 2020;55:291-306.
53. Yamaoka M, Imaeda H, Hosoe N, Yoneno K, Kanno R, Mitsufuji T, Sasaki T, Akiyama Y, Ohgo H, Morohoshi Y, Kanai T, Yamamoto T, Mimura T, Ogata H, Araki N, Yamamoto K and Nakamoto H. Small-Bowel Lesions in Patients Taking Direct Oral Anticoagulants Detected Using Capsule Endoscopy. *Gastroenterol Res Pract.* 2020;2020:7125642.
54. Yasuda H, Horibe M, Sanui M, Sasaki M, Suzuki N, Sawano H, Goto T, Ikeura T, Takeda T, Oda T, Ogura Y, Miyazaki D, Kitamura K, Chiba N, Ozaki T, Yamashita T, Koinuma T, Oshima T, Yamamoto T, Hirota M, Sato M, Miyamoto K, Mine T, Misumi T, Takeda Y, Iwasaki E, Kanai T and Mayumi T. Etiology and mortality in severe acute pancreatitis: A multicenter study in Japan. *Pancreatology.* 2020;20:307-317.
55. Yoshimatsu Y, Naganuma M, Sugimoto S, Tanemoto S, Umeda S, Fukuda T, Nomura E, Yoshida K, Ono K, Mutaguchi M, Nanki K, Mizuno S, Mikami Y, Fukuhara K, Sujino T, Takabayashi K, Ogata H, Iwao Y and Kanai T. Development of an Indigo Naturalis Suppository for Topical Induction Therapy in Patients with Ulcerative Colitis. *Digestion.* 2020;101:492-498.
56. Naganuma M and Kanai T. Reply. *Clin Gastroenterol Hepatol.* 2021;19:209-210.