

消化器・総合、乳腺・内分泌外科学講座

○主な研究内容

- 1 肝不全発生機序と人工肝開発
- 2 肝幹細胞移植と肝細胞置換術
- 3 固形癌に対するがんワクチン免疫療法に関する臨床研究
- 4 消化器癌術後特異的免疫能変動に関する基礎的・臨床的研究
- 5 腹腔鏡手術における手術手技および手術器具の研究
- 6 肝再生医学における遺伝子治療の導入
- 7 外科侵襲と胆汁うっ滞、臓器不全に対する基礎的研究
- 8 膵再生現象と分化誘導に関わる分子学的研究
- 9 膵の分化と増殖に関わる分子病理学的研究
- 10 臓器肝移植における再灌流障害発生予防に関する研究
- 11 アシアログリコプテインレセプター解析による肝予備能評価確立に関する研究
- 12 固形癌術後療法とDNAアレイおよびプロテオミクスに関する研究
- 13 過冷却超低温技術による全肝臓器保存法の開発研究
- 14 胃癌、膵・胆道癌の再建外科治療に関する研究
- 15 全胃幽門輸温存膵頭十二指腸切除術後の消化管運動についての基礎的研究
- 16 消化器癌・乳癌の転移・治療に関する分子生物学的研究
- 17 胃癌の転移形式の差に関わる分子機構に関する研究
- 18 大腸癌再発危険因子の基礎的・臨床的研究
- 19 膵・胆道癌における癌発生・浸潤形式の分子生物学的研究
- 20 乳管内微小病変の診断と治療に関する研究

○Pub Med 掲載論文 (2018 年)

1. A dose-escalation study of docetaxel, oxaliplatin, and S-1 (DOS) as a first-line therapy for patients with unresectable metastatic gastric cancer.

Sato Y, Sagawa T, Ohnuma H, Hirakawa M, Takahashi Y, Hamaguchi K, Fujikawa K, Nobuoka T, Okamoto K, Miyamoto H, Muguruma N, Takemasa I, Takayama T.
Cancer Chemother Pharmacol. 2018 Nov 7. doi: 10.1007/s00280-018-3719-0. [Epub ahead of print]
PMID: 30406285

2. Current status of projects for developing cancer-related clinical practice guidelines in Japan and recommendations for the future.

Imamura M, Hirata K, Unno M, Kamiya K, Gotoh M, Konno H, Shibata A, Sugihara K, Takahashi A, Nishiyama M, Hakamada K, Fukui T, Furukawa T, Mizushima T, Mizuma M, Miyata H, Mori M, Takemasa I, Mizuguchi T, Fujiwara T.
Int J Clin Oncol. 2018 Aug 24. doi: 10.1007/s10147-018-1340-1. [Epub ahead of print]
PMID: 30143906

3. Neoadjuvant chemotherapy with docetaxel, nedaplatin, and fluorouracil for resectable esophageal cancer: A phase II study.

Ohnuma H, Sato Y, Hayasaka N, Matsuno T, Fujita C, Sato M, Osuga T, Hirakawa M, Miyaniishi

K, Sagawa T, Fujikawa K, Ohi M, Okagawa Y, Tsuji Y, Hirayama M, Ito T, Nobuoka T, Takemasa I, Kobune M, Kato J.
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4. Case report: Long-term survival of a pancreatic cancer patient immunized with an SVN-2B peptide vaccine.

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5. MicroRNA-31 reflects IL-6 expression in cancer tissue and is related with poor prognosis in bile duct cancer.

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6. International validation of the consensus Immunoscore for the classification of colon cancer: a prognostic and accuracy study.

Pagès F, Mlecnik B, Marliot F, Bindea G, Ou FS, Bifulco C, Lugli A, Zlobec I, Rau TT, Berger MD, Nagtegaal ID, Vink-Börger E, Hartmann A, Geppert C, Kolwelter J, Merkel S, Grützmann R, Van den Eynde M, Jouret-Mourin A, Kartheuser A, Léonard D, Remue C, Wang JY, Bavi P, Roehrl MHA, Ohashi PS, Nguyen LT, Han S, MacGregor HL, Hafezi-Bakhtiari S, Wouters BG, Masucci GV, Andersson EK, Zavadova E, Vocka M, Spacek J, Petruzelka L, Konopasek B, Dunder P, Skalova H, Nemejcova K, Botti G, Tatangelo F, Delrio P, Ciliberto G, Maio M, Laghi L, Grizzi F, Fredriksen T, Buttard B, Angelova M, Vasaturo A, Maby P, Church SE, Angell HK, Lafontaine L, Bruni D, El Sissy C, Haicheur N, Kirilovsky A, Berger A, Lagorce C, Meyers JP, Paustian C, Feng Z, Ballesteros-Merino C, Dijkstra J, van de Water C, van Lent-van Vliet S, Knijn N, Muşină AM, Scripcariu DV, Popivanova B, Xu M, Fujita T, Hazama S, Suzuki N, Nagano H, Okuno K, Torigoe T, Sato N, Furuhashi T, Takemasa I, Itoh K, Patel PS, Vora HH, Shah B, Patel JB, Rajvik KN, Pandya SJ, Shukla SN, Wang Y, Zhang G, Kawakami Y, Marincola FM, Ascierto PA, Sargent DJ, Fox BA, Galon J.
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Maeda H, Kutomi G, Satomi F, Shima H, Mori M, Takemasa I.
Mol Clin Oncol. 2018 Apr;8(4):557–560. doi: 10.3892/mco.2018.1569. Epub 2018 Feb 7.
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8. Laparoscopic surgery using a Gigli wire saw for locally recurrent rectal cancer with concomitant intraperitoneal sacrectomy.

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Asian J Endosc Surg. 2018 Feb;11(1):83–86. doi: 10.1111/ases.12407.

PMID: 29485249

9. Validation of the Japanese Version of the Low Anterior Resection Syndrome Score.

Akizuki E, Matsuno H, Satoyoshi T, Ishii M, Usui A, Ueki T, Nishidate T, Okita K, Mizushima T, Mori M, Takemasa I.

World J Surg. 2018 Aug;42(8):2660–2667. doi: 10.1007/s00268–018–4519–8.

PMID: 29450698 Free PMC Article

10. Docetaxel, cisplatin and S-1 (DCS) combination chemotherapy for gastric cancer patients with peritoneal metastasis: a retrospective study.

Ohnuma H, Sato Y, Hirakawa M, Kikuchi S, Miyanishi K, Sagawa T, Takahashi Y, Nobuoka T, Okamoto K, Miyamoto H, Takemasa I, Takayama T, Kato J.

Cancer Chemother Pharmacol. 2018 Mar;81(3):539–548. doi: 10.1007/s00280–018–3523–x. Epub 2018 Jan 30.

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11. The Antigen ASB4 on Cancer Stem Cells Serves as a Target for CTL Immunotherapy of Colorectal Cancer.

Miyamoto S, Kochin V, Kanaseki T, Hongo A, Tokita S, Kikuchi Y, Takaya A, Hirohashi Y, Tsukahara T, Terui T, Ishitani K, Hata F, Takemasa I, Miyazaki A, Hiratsuka H, Sato N, Torigoe T.

Cancer Immunol Res. 2018 Jan 25. doi: 10.1158/2326–6066.CIR–17–0518. [Epub ahead of print]

PMID: 29371260

12. Clinical benefits of single-incision laparoscopic surgery for postoperative delirium in elderly colon cancer patients.

Nishizawa Y, Hata T, Takemasa I, Yamasaki M, Akasaka H, Sugimoto K, Tamai K, Takahashi H, Haraguchi N, Nishimura J, Matsuda C, Mizushima T, Ikenaga M, Yamamoto H, Murata K, Rakugi H, Doki Y, Mori M.

Surg Endosc. 2018 Mar;32(3):1434–1440. doi: 10.1007/s00464–017–5827–z. Epub 2017 Oct 26.

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13. A genome-wide association study identifies three novel genetic markers for response to tamoxifen: A prospective multicenter study.

Onishi H, Udagawa C, Kubo M, Nakamura S, Akashi-Tanaka S, Kuwayama T, Watanabe C, Takamaru T, Takei H, Ishikawa T, Miyahara K, Matsumoto H, Hasegawa Y, Momozawa Y, Low SK, Kutomi G, Shima H, Satomi F, Okazaki M, Zaha H, Onomura M, Matsukata A, Sagara Y, Baba S, Yamada A, Shimada K, Shimizu D, Tsugawa K, Shimo A, Hartman M, Chan CW, Lee SC, Endo I, Zembutsu H. PLoS One. 2018 Aug 30;13(8):e0201606. doi: 10.1371/journal.pone.0201606. eCollection 2018. PMID: 30161160 Free PMC Article

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PMID: 29131458

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Shibuya H, Hijioka S, Sakamoto Y, Ito T, Ueda K, Komoto I, Kobayashi N, Kudo A, Yasuda H, Miyake H, Arita J, Kiritani S, Ikeda M, Imaoka H, Ueno M, Kobayashi S, Furuta M, Nagashio Y, Murohisa G, Aoki T, Matsumoto S, Motoya M, Azemoto N, Itakura J, Horiguchi S, Yogi T, Kawagoe T, Miyaoka Y, Imamura F, Senju M, Arioka H, Hara K, Imamura M, Okusaka T.

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Ota S, Matsukawa T, Yamamoto S, Ito S, Shindo M, Sato K, Kondo T, Kohda K, Sakai H, Mori A, Takahashi T, Ikeda H, Kuroda H, Haseyama Y, Yamamoto M, Sarashina T, Yoshida M, Kobayashi R, Nishio M, Ishihara T, Hirayama Y, Kakinoki Y, Kobayashi H, Fukuhara T, Imamura M, Kurosawa M.

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Takahashi M, Niitsu H, Sakamoto K, Hinoi T, Hattori M, Goto M, Bando H, Hazama S, Maeda K, Okita K, Horie H, Watanabe M; Japan Society of Laparoscopic Colorectal Surgery.

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18. Clinical features of chronic enteropathy associated with SLC02A1 gene: a new entity clinically distinct from Crohn's disease.

Umeno J, Esaki M, Hirano A, Fuyuno Y, Ohmiya N, Yasukawa S, Hirai F, Kochi S, Kurahara K, Yanai S, Uchida K, Hosomi S, Watanabe K, Hosoe N, Ogata H, Hisamatsu T, Nagayama M, Yamamoto H, Abukawa D, Kakuta F, Onodera K, Matsui T, Hibi T, Yao T, Kitazono T, Matsumoto T; CEAS study group.

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1. Clinical benefits of single-incision laparoscopic surgery for postoperative delirium in elderly colon cancer patients.

Nishizawa Y, Hata T, Takemasa I, Yamasaki M, Akasaka H, Sugimoto K, Tamai K, Takahashi H, Haraguchi N, Nishimura J, Matsuda C, Mizushima T, Ikenaga M, Yamamoto H, Murata K, Rakugi H, Doki Y, Mori M.

Surg Endosc. 2017 Oct 26. doi: 10.1007/s00464-017-5827-z. [Epub ahead of print]

PMID: 29075972

2. A triplet combination with capecitabine/oxaliplatin/irinotecan (XELOXIRI) plus cetuximab as first-line therapy for patients with metastatic colorectal cancer: a dose escalation study.

Sato Y, Hirakawa M, Ohnuma H, Takahashi M, Okamoto T, Okamoto K, Miyamoto H, Muguruma N, Furuhashi T, Takemasa I, Kato J, Takayama T.

Cancer Chemother Pharmacol. 2017 Oct 16. doi: 10.1007/s00280-017-3458-7. [Epub ahead of print]

PMID: 29038850

3. Inspection of Perirectal Lymph Nodes by One-Step Nucleic Acid Amplification Predicts Lateral Lymph Node Metastasis in Advanced Rectal Cancer.

Miyake Y, Mizushima T, Hata T, Takahashi H, Hanada H, Shoji H, Nomura M, Haraguchi N, Nishimura J, Matsuda C, Takemasa I, Doki Y, Maeda I, Mori M, Yamamoto H.
Ann Surg Oncol. 2017 Sep 18. doi: 10.1245/s10434-017-6069-y. [Epub ahead of print]
PMID: 28924845

4. Safety and Feasibility of Umbilical Diverting Loop Ileostomy for Patients with Rectal Tumor.

Miyo M, Takemasa I, Hata T, Mizushima T, Doki Y, Mori M.
World J Surg. 2017 Jul 26. doi: 10.1007/s00268-017-4128-y. [Epub ahead of print]
PMID: 28748422

5. Downregulation of serum metabolite GTA-446 as a novel potential marker for early detection of colorectal cancer.

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Br J Cancer. 2017 Jul 11;117(2):227-232. doi: 10.1038/bjc.2017.163. Epub 2017 Jun 20.
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Miyo M, Takemasa I, Ishihara H, Hata T, Mizushima T, Ohno Y, Doki Y, Mori M.
Dis Colon Rectum. 2017 Jul;60(7):664-673. doi: 10.1097/DCR.0000000000000810.
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7. Neoadjuvant CapeOx therapy followed by sphincter-preserving surgery for lower rectal cancer.

Hata T, Takahashi H, Sakai D, Haraguchi N, Nishimura J, Kudo T, Chu M, Takemasa I, Taroh S, Mizushima T, Doki Y, Mori M.
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8. Mismatch Repair Protein Deficiency Is a Risk Factor for Aberrant Expression of HLA Class I Molecules: A Putative "Adaptive Immune Escape" Phenomenon.

Kubo T, Hirohashi Y, Matsuo K, Sonoda T, Sakamoto H, Furumura K, Tsukahara T, Kanaseki T, Nakatsugawa M, Hirano H, Furuhashi T, Takemasa I, Hasegawa T, Torigoe T.
Anticancer Res. 2017 Mar;37(3):1289-1295.
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Surg Today. 2017 Aug;47(8):940-950. doi: 10.1007/s00595-017-1481-2. Epub 2017 Mar 9.
PMID: 28280983

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Wang L, Hirohashi Y, Ogawa T, Shen M, Takeda R, Murai A, Yamamoto E, Kubo T, Nakatsugawa M, Kanaseki T, Tsukahara T, Nishidate T, Okita K, Kutomi G, Sato N, Takemasa I, Torigoe T.

Biochem Biophys Res Commun. 2017 Apr 29;486(2):232–238. doi: 10.1016/j.bbrc.2017.02.112. Epub 2017 Feb 24.

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Takeda R, Hirohashi Y, Shen M, Wang L, Ogawa T, Murai A, Yamamoto E, Kubo T, Nakatsugawa M, Kanaseki T, Tsukahara T, Nishidate T, Okita K, Kutomi G, Sato N, Takemasa I, Torigoe T.

Biochem Biophys Res Commun. 2017 Apr 8;485(3):651–657. doi: 10.1016/j.bbrc.2017.02.081. Epub 2017 Feb 20.

PMID: 28219643

12. Role of pulmonary metastasectomy in colorectal cancer in the era of modern multidisciplinary therapy.

Kanzaki R, Inoue M, Kimura T, Kawamura T, Funaki S, Shintani Y, Minami M, Takemasa I, Mizushima T, Mori M, Okumura M.

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13. MicroRNA-196b is an independent prognostic biomarker in patients with pancreatic cancer.

Kanno S, Noshō K, Ishigami K, Yamamoto I, Koide H, Kurihara H, Mitsuhashi K, Shitani M, Motoya M, Sasaki S, Tanuma T, Maguchi H, Hasegawa T, Kimura Y, Takemasa I, Shinomura Y, Nakase H. Carcinogenesis. 2017 Apr 1;38(4):425–431. doi: 10.1093/carcin/bgx013.

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Oncotarget. 2017 Mar 14;8(11):17810–17818. doi: 10.18632/oncotarget.14863.

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Yasui M, Takemasa I, Miyake Y, Hata T, Ikeda M, Miyake Y, Hasegawa J, Ota H, Matsuda C, Mizushima T, Doki Y, Mori M; Clinical Study Group of Osaka University (CSGO), Colorectal Group.

Surg Laparosc Endosc Percutan Tech. 2017 Apr;27(2):98-103.
doi: 10.1097/SLE.0000000000000377.
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16. The single-center experience with the standardization of single-site laparoscopic colectomy for right-sided colon cancer.

Takahashi H, Takemasa I, Haraguchi N, Nishimura J, Hata T, Yamamoto H, Matsuda C, Mizushima T, Doki Y, Mori M.
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Ota H, Ikenaga M, Hasegawa J, Murata K, Miyake Y, Mizushima T, Hata T, Takemasa I, Yamamoto H, Sekimoto M, Nezu R, Doki Y, Mori M.
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PMID: 27688031

19. Erratum to: Conversion therapy for inoperable advanced gastric cancer patients by docetaxel, cisplatin, and S-1 (DCS) chemotherapy: a multi-institutional retrospective study.

Sato Y, Ohnuma H, Nobuoka T, Hirakawa M, Sagawa T, Fujikawa K, Takahashi Y, Shinya M, Katsuki S, Takahashi M, Maeda M, Okagawa Y, Naoki U, Kikuch S, Okamoto K, Miyamoto H, Shimada M, Takemasa I, Kato J, Takayama T.
Gastric Cancer. 2017 May;20(3):527. doi: 10.1007/s10120-016-0643-z. No abstract available.
PMID: 27629880

20. Conversion therapy for inoperable advanced gastric cancer patients by docetaxel, cisplatin, and S-1 (DCS) chemotherapy: a multi-institutional retrospective study.

Sato Y, Ohnuma H, Nobuoka T, Hirakawa M, Sagawa T, Fujikawa K, Takahashi Y, Shinya M, Katsuki S, Takahashi M, Maeda M, Okagawa Y, Naoki U, Kikuch S, Okamoto K, Miyamoto H, Shimada M, Takemasa I, Kato J, Takayama T.
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Hata T, Mizushima T, Osawa H, Takahashi H, Haraguchi N, Nishimura J, Hata T, Takemasa I, Ikenaga M, Nakajima K, Yamamoto H, Murata K, Doki Y, Mori M.
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PMID:28454281

23. Image analysis is an excellent tool for quantifying Ki-67 to predict the prognosis of gastrointestinal stromal tumor patients.

Sugita S, Hirano H, Hatanaka Y, Fujita H, Kubo T, Kikuchi N, Ito Y, Sugawara T, Segawa K, Hisai H, Yamashita K, Nobuoka T, Matsuno Y, Hasegawa T.
Pathol Int. 2017 Nov 13. doi: 10.1111/pin.12611. [Epub ahead of print]
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消化器・総合、乳腺・内分泌外科学講座

○主な研究内容

- 1 肝不全発生機序と人工肝開発
- 2 肝幹細胞移植と肝細胞置換術
- 3 固形癌に対するがんワクチン免疫療法に関する臨床研究
- 4 消化器癌術後特異的免疫能変動に関する基礎的・臨床的研究
- 5 腹腔鏡手術における手術手技および手術器具の研究
- 6 肝再生医学における遺伝子治療の導入
- 7 外科侵襲と胆汁うっ滞、臓器不全に対する基礎的研究
- 8 膵再生現象と分化誘導に関わる分子学的研究
- 9 膵の分化と増殖に関わる分子病理学的研究
- 10 臓器肝移植における再灌流障害発生予防に関する研究
- 11 アシアログリコプテインレセプター解析による肝予備能評価確立に関する研究
- 12 固形癌術後療法とDNAアレイおよびプロテオミクスに関する研究
- 13 過冷却超低温技術による全肝臓器保存法の開発研究
- 14 胃癌、膵・胆道癌の再建外科治療に関する研究
- 15 全胃幽門輸温存膵頭十二指腸切除術後の消化管運動についての基礎的研究
- 16 消化器癌・乳癌の転移・治療に関する分子生物学的研究
- 17 胃癌の転移形式の差に関わる分子機構に関する研究
- 18 大腸癌再発危険因子の基礎的・臨床的研究
- 19 膵・胆道癌における癌発生・浸潤形式の分子生物学的研究
- 20 乳管内微小病変の診断と治療に関する研究

○Pub Med 掲載論文 (2016 年)

1. The short-term outcomes of laparoscopic multivisceral resection for locally advanced colorectal cancer: our experience of 39 cases.

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2 4 . Olfactory Receptor Family 7 Subfamily C Member 1 Is a Novel Marker of Colon Cancer-Initiating Cells and Is a Potent Target of Immunotherapy.

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○その他論文 (2016年)

1. Down-Regulation of microRNA-132 is Associated with Poor Prognosis of Colorectal Cancer

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3. Characteristics of carbonic anhydrase 9 expressing cells in human intestinal crypt base

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5. The relationship between EZH2 expression and microRNA-31 in colorectal cancer and the role in evolution of the serrated pathway

Kurihara H, Maruyama R, Ishiguro K, Kanno S, Yamamoto I, Ishigami K, Mitsuhashi K, Igarashi H, Ito M, Tanuma T, Sukawa Y, Okita K, Hasegawa T, Imai K, Yamamoto H, Shinomura Y, Noshō K
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消化器・総合、乳腺・内分泌外科学講座

○主な研究内容

- 1 肝不全発生機序と人工肝開発
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- 3 固形癌に対するがんワクチン免疫療法に関する臨床研究
- 4 消化器癌術後特異的免疫能変動に関する基礎的・臨床的研究
- 5 腹腔鏡手術における手術手技および手術器具の研究
- 6 肝再生医学における遺伝子治療の導入
- 7 外科侵襲と胆汁うっ滞、臓器不全に対する基礎的研究
- 8 膵再生現象と分化誘導に関わる分子学的研究
- 9 膵の分化と増殖に関わる分子病理学的研究
- 10 臓器肝移植における再灌流障害発生予防に関する研究
- 11 アシアログリコプテインレセプター解析による肝予備能評価確立に関する研究
- 12 固形癌術後療法とDNAアレイおよびプロテオミクスに関する研究
- 13 過冷却超低温技術による全肝臓器保存法の開発研究
- 14 胃癌、膵・胆道癌の再建外科治療に関する研究
- 15 全胃幽門輸温存膵頭十二指腸切除術後の消化管運動についての基礎的研究
- 16 消化器癌・乳癌の転移・治療に関する分子生物学的研究
- 17 胃癌の転移形式の差に関わる分子機構に関する研究
- 18 大腸癌再発危険因子の基礎的・臨床的研究
- 19 膵・胆道癌における癌発生・浸潤形式の分子生物学的研究
- 20 乳管内微小病変の診断と治療に関する研究

○Pub Med 掲載論文 (2015 年)

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消化器・総合、乳腺・内分泌外科学講座

○主な研究内容

- 1 肝不全発生機序と人工肝開発
- 2 肝幹細胞移植と肝細胞置換術
- 3 固形癌に対するがんワクチン免疫療法に関する臨床研究
- 4 消化器癌術後特異的免疫能変動に関する基礎的・臨床的研究
- 5 腹腔鏡手術における手術手技および手術器具の研究
- 6 肝再生医学における遺伝子治療の導入
- 7 外科侵襲と胆汁うっ滞、臓器不全に対する基礎的研究
- 8 膵再生現象と分化誘導に関わる分子学的研究
- 9 膵の分化と増殖に関わる分子病理学的研究
- 10 臓器肝移植における再灌流障害発生予防に関する研究
- 11 アシアログリコプテインレセプター解析による肝予備能評価確立に関する研究
- 12 固形癌術後療法とDNAアレイおよびプロテオミクスに関する研究
- 13 過冷却超低温技術による全肝臓器保存法の開発研究
- 14 胃癌、膵・胆道癌の再建外科治療に関する研究
- 15 全胃幽門輪温存膵頭十二指腸切除術後の消化管運動についての基礎的研究
- 16 消化器癌・乳癌の転移・治療に関する分子生物学的研究
- 17 胃癌の転移形式の差に関わる分子機構に関する研究
- 18 大腸癌再発危険因子の基礎的・臨床的研究
- 19 膵・胆道癌における癌発生・浸潤形式の分子生物学的研究
- 20 乳管内微小病変の診断と治療に関する研究

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消化器・総合、乳腺・内分泌外科学講座

○主な研究内容

- 1 肝不全発生機序と人工肝開発
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- 3 固形癌に対するがんワクチン免疫療法に関する臨床研究
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- 5 腹腔鏡手術における手術手技および手術器具の研究
- 6 肝再生医学における遺伝子治療の導入
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