

血液内科学

○主な研究内容

- 1 再生不良性貧血及び骨髄異形成症候群における病態解析
- 2 造血幹細胞移植における予後因子の探索
- 3 多発性骨髄腫に対する新規治療法の開発
- 4 赤白血病に対する新規治療法の開発
- 5 骨髄異形成症候群及び急性骨髄性白血病の発症因子の探索
- 6 難治性悪性リンパ腫に対する新規治療法の開発

○Pub Med 掲載論文 (2018 年)

1. Six-transmembrane epithelial antigen of the prostate 1 protects against increased oxidative stress via a nuclear erythroid 2-related factor pathway in colorectal cancer.

Nakamura H, Takada K, Arihara Y, Hayasaka N, Murase K, Iyama S, Kobune M, Miyanishi K, Kato J.

Cancer Gene Ther. 2018 Nov 7. doi: 10.1038/s41417-018-0056-8. [Epub ahead of print]
PMID: 30401882

2. An intronic single nucleotide polymorphism in the MUTYH gene is associated with increased risk for HCV-induced hepatocellular carcinoma.

Sakurada A, Miyanishi K, Tanaka S, Sato M, Sakamoto H, Kawano Y, Takada K, Nakabeppu Y, Kobune M, Kato J.

Free Radic Biol Med. 2018 Dec;129:88-96. doi: 10.1016/j.freeradbiomed.2018.09.010. Epub 2018 Sep 13.
PMID: 30218772

3. Increased Duodenal Iron Absorption through Upregulation of Ferroportin 1 due to the Decrement in Serum Hcpidin in Patients with Chronic Hepatitis C.

Sato M, Miyanishi K, Tanaka S, Sakurada A, Sakamoto H, Kawano Y, Takada K, Kobune M, Kato J.

Can J Gastroenterol Hepatol. 2018 Aug 14;2018:2154361. doi: 10.1155/2018/2154361. eCollection 2018.
PMID: 30186818 Free PMC Article

4. 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, Miyanishi K, Sagawa T, Fujikawa K, Ohi M, Okagawa Y, Tsuji Y, Hirayama M, Ito T, Nobuoka T, Takemasa I, Kobune M, Kato J.

Cancer Sci. 2018 Nov;109(11):3554-3563. doi: 10.1111/cas.13772. Epub 2018 Sep 25.
PMID: 30137686 Free PMC Article

5. High expression of nucleoporin 133 mRNA in bone marrow CD138+ cells is a poor prognostic

factor in multiple myeloma.

Ibata S, Kobune M, Kikuchi S, Yoshida M, Miura S, Horiguchi H, Murase K, Iyama S, Takada K, Miyanishi K, Kato J.

Oncotarget. 2018 May 18;9(38):25127–25135. doi: 10.18632/oncotarget.25350. eCollection 2018 May 18.

PMID: 29861858 Free PMC Article

6. [Significance of upper and lower gastrointestinal endoscopy for screening small intestinal lesions in non-Hodgkin's lymphoma].

Miura S, Kuroda H, Sato K, Yamada M, Itou R, Ono M, Abe T, Fujii S, Maeda M, Yoshida M, Jomen W, Kobune M, Kato J, Fujita M.

Rinsho Ketsueki. 2018;59(1):27–32. doi: 10.11406/rinketsu.59.27. Japanese.

PMID: 29415933

7. Long-term prognosis of human herpesvirus 6 reactivation following allogeneic hematopoietic stem cell transplantation.

Iesato K, Hori T, Yoto Y, Yamamoto M, Inazawa N, Kamo K, Ikeda H, Iyama S, Hatakeyama N, Iguchi A, Sugita J, Kobayashi R, Suzuki N, Tsutsumi H.

Pediatr Int. 2018 Jun;60(6):547–552. doi: 10.1111/ped.13551.

PMID: 29542206

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- 6 難治性悪性リンパ腫に対する新規治療法の開発

○Pub Med 掲載論文 (2017 年)

1. Small molecule CP-31398 induces reactive oxygen species-dependent apoptosis in human multiple myeloma.

Arihara Y, Takada K, Kamihara Y, Hayasaka N, Nakamura H, Murase K, Ikeda H, Iyama S, Sato T, Miyanishi K, Kobune M, Kato J.

Oncotarget. 2017 Jul 22;8(39):65889-65899. doi: 10.18632/oncotarget.19508. eCollection 2017 Sep 12.

PMID: 29029480

2. [A Case of Chronic Myelogenous Leukemia That Developed Fibrous Pericarditis Owing to Nilotinib Use].

Miura S, Murase K, Sakurada A, Takada K, Iyama S, Sato T, Sato Y, Miyanishi K, Kobune M, Muranaka A, Tachibana K, Kato J.

Gan To Kagaku Ryoho. 2017 Jun;44(6):529-531. Japanese.

PMID: 28698448

3. Thrombotic microangiopathy due to malignant hypertension complicated with late-onset bleeding after renal biopsy.

Miura S, Murase K, Sakurada A, Takada K, Iyama S, Sato T, Sato Y, Miyanishi K, Kobune M, Muranaka A, Tachibana K, Kato J.

Gan To Kagaku Ryoho. 2017 Jun;44(6):529-531. Japanese.

PMID: 28698448

4. Hepatitis C virus reactivation due to antiemetic steroid therapy during treatment of hepatocellular carcinoma.

Kawano Y, Miyanishi K, Takahashi S, Kubo T, Ishikawa K, Sugita S, Takada K, Kobune M, Hasegawa T, Kato J.

J Infect Chemother. 2017 May;23(5):323-325. doi: 10.1016/j.jiac.2016.12.008. Epub 2017 Jan 18.

PMID:28109738

5. Iron overload patients with unknown etiology from national survey in Japan.

Ikuta K, Hatayama M, Addo L, Toki Y, Sasaki K, Tatsumi Y, Hattori A, Kato A, Kato K, Hayashi H, Suzuki T, Kobune M, Tsutsui M, Gotoh A, Aota Y, Matsuura M, Hamada Y, Tokuda T, Komatsu N, Kohgo Y.
Int J Hematol. 2017 Mar;105(3):353-360. doi: 10.1007/s12185-016-2141-9. Epub 2016 Nov 15.
PMID:27848180

6. A Multicenter Retrospective Study of Mogamulizumab Efficacy in Adult T-Cell Leukemia/Lymphoma.

Iyama S, Sato T, Ohnishi H, Kanisawa Y, Ohta S, Kondo T, Mori A, Tsutsumi Y, Kuroda H, Kakinoki Y, Yamamoto S, Takahashi T, Shindo M, Torimoto Y, Sato K, Iwasaki H, Haseyama Y, Kohda K, Nagamachi Y, Hirayama Y, Sakai H, Hirata Y, Fukuhara T, Ikeda H, Kobune M, Kato J, Kurosawa M.
Clin Lymphoma Myeloma Leuk. 2017 Jan;17(1):23-30. e2. doi: 10.1016/j.clml.2016.09.009.
Epub 2016 Sep 17.
PMID:27727135

7. A nationwide survey of hypoplastic myelodysplastic syndrome (a multicenter retrospective study).

Kobayashi T, Nannya Y, Ichikawa M, Oritani K, Kanakura Y, Tomita A, Kiyoi H, Kobune M, Kato J, Kawabata H, Shindo M, Torimoto Y, Yonemura Y, Hanaoka N, Nakakuma H, Hasegawa D, Manabe A, Fujishima N, Fujii N, Tanimoto M, Morita Y, Matsuda A, Fujieda A, Katayama N, Ohashi H, Nagai H, Terada Y, Hino M, Sato K, Obara N, Chiba S, Usuki K, Ohta M, Imataki O, Uemura M, Takaku T, Komatsu N, Kitanaka A, Shimoda K, Watanabe K, Tohyama K, Takaori-Kondo A, Harigae H, Arai S, Miyazaki Y, Ozawa K, Kurokawa M.
Am J Hematol. 2017 Dec;92(12):1324-1332. doi: 10.1002/ajh.24905.
Epub 2017 Sep 28.
PMID: 28891083

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○Pub Med 掲載論文 (2016 年)

1. A phase II trial of small-dose bortezomib, lenalidomide and dexamethasone (sVRD) as consolidation/maintenance therapy in patients with multiple myeloma.

Ibata S, Sato T, Kuroda H, Nagamachi Y, Iyama S, Fujimi A, Kamihara Y, Konuma Y, Yoshida M, Tatekoshi A, Hashimoto A, Horiguchi H, Ono K, Murase K, Takada K, Miyanishi K, Kobune M, Hirayama Y, Kato J.

Cancer Chemother Pharmacol. 2016 Nov;78(5):1041-1049.

PMID: 27738809

2. Targeting Notch-1 positive acute leukemia cells by novel fucose-bound liposomes carrying daunorubicin.

Ono M, Takimoto R, Osuga T, Okagawa Y, Hirakawa M, Yoshida M, Arihara Y, Uemura N, Hayasaka N, Miura S, Matsuno T, Tamura F, Sato Y, Sato T, Iyama S, Miyanishi K, Takada K, Kobune M, Kato J.

Oncotarget. 2016 Jun 21;7(25):38586-38597. doi: 10.18632/oncotarget.9558.

PMID: 27233074 Free Article

3. A Multicenter Retrospective Study of Mogamulizumab Efficacy in Adult T-Cell Leukemia/Lymphoma.

Iyama S, Sato T, Ohnishi H, Kanisawa Y, Ohta S, Kondo T, Mori A, Tsutsumi Y, Kuroda H, Kakinoki Y, Yamamoto S, Takahashi T, Shindo M, Torimoto Y, Sato K, Iwasaki H, Haseyama Y, Kohda K, Nagamachi Y, Hirayama Y, Sakai H, Hirata Y, Fukuhara T, Ikeda H, Kobune M, Kato J, Kurosawa M.

Clin Lymphoma Myeloma Leuk. 2016 Sep 17. pii: S2152-2650(16)30565-1. doi: 10.1016/j.clml.2016.09.009. [Epub ahead of print]

PMID: 27727135

4. The iron chelator deferasirox induces apoptosis by targeting oncogenic Pyk2/ β -catenin signaling in human multiple myeloma.

Kamihara Y, Takada K, Sato T, Kawano Y, Murase K, Arihara Y, Kikuchi S, Hayasaka N, Usami M, Iyama S, Miyanishi K, Sato Y, Kobune M, Kato J.

Oncotarget. 2016 Sep 2. doi: 10.18632/oncotarget.11830. [Epub ahead of print]

PMID: 27602957 Free Article

5. Isoform D of vascular endothelial growth factor in systemic capillary leak syndrome: a case report.

Ibata S, Sato T, Takada K, Tatekoshi A, Hashimoto A, Kamihara Y, Jomen W, Horiguchi H, Ono K,

Murase K, Iyama S, Miyanishi K, Sato Y, Takimoto R, Kobune M, Kato J.
J Med Case Rep. 2016 May 24;10:125. doi: 10.1186/s13256-016-0894-7.
PMID: 27386947 Free PMC Article

6. Narrow-Band Ultraviolet B Phototherapy Ameliorates Acute Graft-Versus-Host Disease of the Intestine by Expansion of Regulatory T Cells.

Hashimoto A, Sato T, Iyama S, Yoshida M, Ibata S, Tatekoshi A, Kamihara Y, Horiguchi H, Murase K, Kawano Y, Takada K, Miyanishi K, Kobune M, Ichimiya S, Kato J.

PLoS One. 2016 Mar 31;11(3):e0152823. doi: 10.1371/journal.pone.0152823.

PMID: 27031239 Free PMC Article

7. Extracellular vesicle miR-7977 is involved in hematopoietic dysfunction of mesenchymal stromal cells via poly(rC) binding protein 1 reduction in myeloid neoplasms.

Horiguchi H, Kobune M, Kikuchi S, Yoshida M, Murata M, Murase K, Iyama S, Takada K, Sato T, Ono K, Hashimoto A, Tatekoshi A, Kamihara Y, Kawano Y, Miyanishi K, Sawada N, Kato J.

Haematologica. 2016 Apr;101(4):437-47. doi: 10.3324/haematol.2015.134932.

PMID: 26802051 Free PMC Article