

口腔外科学講座

○主な研究内容

- 1 口腔癌の選択的動注化学放射線療法に関する研究
- 2 口腔癌の免疫療法に関する研究
- 3 口腔癌の分子生物学的研究
- 4 口腔癌の機能温存療法に関する研究
- 5 口腔癌のがん微小環境における抗癌剤耐性獲得機序の解析に関する研究
- 6 顎変形症の形態と機能に関する研究

○Pub Med 掲載論文 (2018 年)

1. Quantitative Evaluation of Cephalometric Radiographs of Patients With Hemifacial Microsomia.

Tokura TA, Miyazaki A, Igarashi T, Dehari H, Kobayashi JI, Miki Y, Ogi K, Sonoda T, Yotsuyanagi T, Hiratsuka H.

Cleft Palate Craniofac J. 2018 Dec 11:1055665618813453. doi: 10.1177/1055665618813453. [Epub ahead of print]

PMID: 30537849

2. Uncommon presentation of desmoplastic fibroblastoma on the tongue of a female patient.

Tokura T, Kobayashi JI, Okamoto JY, Miyazaki A.

BMJ Case Rep. 2018 Oct 27;2018. pii: bcr-2018-226962. doi: 10.1136/bcr-2018-226962.

PMID: 30368477

3. Screening for long noncoding RNAs associated with oral squamous cell carcinoma reveals the potentially oncogenic actions of DLEU1.

Nishiyama K, Maruyama R, Niinuma T, Kai M, Kitajima H, Toyota M, Hatanaka Y, Igarashi T, Kobayashi JI, Ogi K, Dehari H, Miyazaki A, Yoroazu A, Yamamoto E, Idogawa M, Sasaki Y, Sugai T, Tokino T, Hiratsuka H, Suzuki H.

Cell Death Dis. 2018 Aug 1;9(8):826. doi: 10.1038/s41419-018-0893-2.

PMID: 30069008 Free PMC Article

4. Diverticulum of the buccal mucosa: a rare case report and review of the literature.

Miyazaki A, Miyamoto S, Nakai H, Nishiyama K, Tsuchihashi K, Kobayashi JI, Ogi K, Dehari H, Hasegawa T, Hiratsuka H.

BMC Oral Health. 2018 Jun 7;18(1):102. doi: 10.1186/s12903-018-0572-9.

PMID: 29879973 Free PMC Article

5. LpMab-23-recognizing cancer-type podoplanin is a novel predictor for a poor prognosis of early stage tongue cancer.

Miyazaki A, Nakai H, Sonoda T, Hirohashi Y, Kaneko MK, Kato Y, Sawa Y, Hiratsuka H.

Oncotarget. 2018 Apr 20;9(30):21156–21165. doi: 10.18632/oncotarget.24986. eCollection 2018 Apr 20.
PMID: 29765527 Free PMC Article

6. Tumor budding is an independent prognostic marker in early stage oral squamous cell carcinoma: With special reference to the mode of invasion and worst pattern of invasion.

Shimizu S, Miyazaki A, Sonoda T, Koike K, Ogi K, Kobayashi JI, Kaneko T, Igarashi T, Ueda M, Dehari H, Miyakawa A, Hasegawa T, Hiratsuka H.
PLoS One. 2018 Apr 19;13(4):e0195451. doi: 10.1371/journal.pone.0195451. eCollection 2018.
PMID: 29672550 Free PMC Article

7. 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

8. Targeted next-generation sequencing of 50 cancer-related genes in Japanese patients with oral squamous cell carcinoma.

Nakagaki T, Tamura M, Kobashi K, Omori A, Koyama R, Idogawa M, Ogi K, Hiratsuka H, Tokino T, Sasaki Y.
Tumour Biol. 2018 Sep;40(9):1010428318800180. doi: 10.1177/1010428318800180.
PMID: 30226113

○その他の論文 (2018)

1. A case of rheumatoid nodules in the buccal subcutaneous: A novel case report of review and the literature.

Ogi K, Miyazaki A, Shimizu S, Abe M, Genba R, Miyamoto S, Nishiyama K, Hiratsuka H.
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, 2018;30:290–293

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- 6 顎変形症の形態と機能に関する研究

○Pub Med 掲載論文 (2017 年)

1. Profiling cancer-related gene mutations in oral squamous cell carcinoma from Japanese patients by targeted amplicon sequencing.
Nakagaki T, Tamura M, Kobashi K, Koyama R, Fukushima H, Ohashi T, Idogawa M, Ogi K, Hiratsuka H, Tokino T, Sasaki Y.
Oncotarget. 2017 Jul 15;8(35):59113-59122. doi: 10.18632/oncotarget.19262. eCollection 2017 Aug 29.
PMID: 28938622
2. Induction and Analysis of Cytotoxic T-Lymphocytes that Recognize Autologous Oral Squamous Cell Carcinoma.
Okamoto JY, Miyazaki A, Kobayashi JI, Miyamoto S, Sasaki T, Kanaseki T, Hirohashi Y, Torigoe T, Hiratsuka H.
Anticancer Res. 2017 Sep;37(9):4889-4897.
PMID: 28870910
3. Additive effect of radiosensitization by 2-deoxy-D-glucose delays DNA repair kinetics and suppresses cell proliferation in oral squamous cell carcinoma.
Kawata M, Ogi K, Nishiyama K, Miyamoto S, Nakagaki T, Shimanishi M, Miyazaki A, Hiratsuka H.
J Oral Pathol Med. 2017 Jun 22. doi: 10.1111/jop.12606. [Epub ahead of print]
PMID: 28640935
4. Relationship Between Mandibular Ramus Height and Masticatory Muscle Function in Patients With Unilateral Hemifacial Microsomia.
Suzuki N, Miyazaki A, Igarashi T, Dehari H, Kobayashi JI, Miki Y, Ogi K, Nagai I, Sonoda T, Yotsuyanagi T, Hiratsuka H.
Cleft Palate Craniofac J. 2017 Jan;54(1):43-52. doi: 10.1597/14-329. Epub 2016 Jan 11.
PMID: 26752018

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- 6 顎変形証の形態と機能に関する研究

○Pub Med 掲載論文 (2016 年)

1. Hypoxia-induced epithelial-mesenchymal transition is regulated by phosphorylation of GSK3- β via PI3 K/Akt signaling in oral squamous cell carcinoma.
Kaneko T, Dehari H, Sasaki T, Igarashi T, Ogi K, Okamoto JY, Kawata M, Kobayashi JI, Miyazaki A, Nakamori K, Hiratsuka H.
Oral Surg Oral Med Oral Pathol Oral Radiol. 2016 Jun 22. pii: S2212-4403(16)30122-5. doi: 10.1016/j.oooo.2016.06.008. [Epub ahead of print]
PMID: 27614812
2. Identification and characterization of the intercellular adhesion molecule-2 gene as a novel p53 target.
Sasaki Y, Tamura M, Takeda K, Ogi K, Nakagaki T, Koyama R, Idogawa M, Hiratsuka H, Tokino T. Oncotarget. 2016 Aug 18. doi: 10.18632/oncotarget.11366. [Epub ahead of print]
PMID: 27556181
3. Relationship Between Mandibular Ramus Height and Masticatory Muscle Function in Patients With Unilateral Hemifacial Microsomia.
Suzuki N, Miyazaki A, Igarashi T, Dehari H, Kobayashi JI, Miki Y, Ogi K, Nagai I, Sonoda T, Yotsuyanagi T, Hiratsuka H. Cleft Palate Craniofac J. 2016 Jan 11. [Epub ahead of print]
PMID: 26752018
4. Microenvironmental stresses induce HLA-E/Qa-1 surface expression and thereby reduce CD8(+) T-cell recognition of stressed cells.
Sasaki T, Kanaseki T, Shionoya Y, Tokita S, Miyamoto S, Saka E, Kochin V, Takasawa A, Hirohashi Y, Tamura Y, Miyazaki A, Torigoe T, Hiratsuka H, Sato N.
Eur J Immunol. 2016 Apr;46(4):929-40. doi: 10.1002/eji.201545835.
PMID: 26711740
5. Infection site is predictive of outcome in acute lung injury associated with severe sepsis and septic shock.
Fujishima S, Gando S, Daizoh S, Kushimoto S, Ogura H, Mayumi T, Takuma K, Kotani J, Yamashita N, Tsuruta R, Takeyama N, Shiraiishi S, Araki T, Suzuki K, Ikeda H, Miki Y, Suzuki Y, Yamaguchi Y, Aikawa N; Japanese Association for Acute Medicine Sepsis Registry (JAAM SR) Study Group.
Respirology. 2016 Jul;21(5):898-904. doi: 10.1111/resp.12769.
PMID: 27028604

6. Eudistomin C, an Antitumor and Antiviral Natural Product, Targets 40S Ribosome and Inhibits Protein Translation.

Ota Y, Chinen T, Yoshida K, Kudo S, Nagumo Y, Shiwa Y, Yamada R, Umihara H, Iwasaki K, Masumoto H, Yokoshima S, Yoshikawa H, Fukuyama T, Kobayashi J, Usui T.

Chembiochem. 2016 Sep 2;17(17):1616-20. doi: 10.1002/cbic.201600075.

PMID: 27304596

7. Impact of elemental diet on early recovery after laparoscopic colectomy: findings of a randomized controlled trial.

Shichinohe T, Sasaki T, Kitashiro S, Morita T, Ono K, Senmaru N, Ikeda J, Kojima T, Kyogoku N, Yamada H, Sato N, Kato K, Murakami S, Ebihara Y, Kurashima Y, Tamoto E, Noji T, Nakamura T, Okamura K, Tsuchikawa T, Hirano S.

Surg Today. 2016 Jun 21. [Epub ahead of print]

PMID: 27324516

8. Conformational plasticity of JRAB/MICAL-L2 provides "law and order" in collective cell migration.

Sakane A, Yoshizawa S, Nishimura M, Tsuchiya Y, Matsushita N, Miyake K, Horikawa K, Imoto I, Mizuguchi C, Saito H, Ueno T, Matsushita S, Haga H, Deguchi S, Mizuguchi K, Yokota H, Sasaki T. Mol Biol Cell. 2016 Oct 15;27(20):3095-3108.

PMID: 27582384

○その他論文 (2016 年)

1. Low-grade mucoepidermoid carcinoma with regional lymph node metastasis: A case report and genetic review of criteria for grading.

Takafumi Nakagaki, Kazuhiro Ogi, Masato Abe, Hironari Dehari, Akihiro Miyazaki, Tadashi Hasegawa, Takashi Tokino, Hiroyoshi Hiratsuka; [Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology](#), 2016, 28, 189-192

2. A case of surgical treatment of mandibular condylar fracture with facial nerve paralysis.

Masato Abe, Akihiro Miyazaki, Mitsuyoshi Nakai, Tomohiro Igarashi, Jun-ichi Kobayashi, Akira Yorozu, Takanori Sasaki, Mayumi Kawata, Hironari Dehari, Kazuhiro Ogi, Hiroyoshi Hiratsuka; [Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology](#), 2016, 28, 324-327.

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○Pub Med 掲載論文 (2015 年)

1. Suzuki N, Miyazaki A, Igarashi T, Dehari H, Kobayashi JI, Miki Y, Ogi K, Nagai I, Sonoda T, Yotsuyanagi T, Hiratsuka H.
Microenvironmental stresses induce HLA-E/Qa-1 surface expression and thereby reduce CD8+ T-cell recognition of stressed cells.
Cleft Palate Craniofac J. 2016 Jan 11. [Epub ahead of print]

○その他論文 (2015 年)

1. Jun-ichi Kobayashi, Akihiro Miyazaki, Takashi Sekiguchi, Hiroyoshi Hiratsuka
Spontaneous complete remission of methotrexate-associated extranodal B-cell lymphoma of the buccal mucosa: Review of the literature and report of a case
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, Volume 27, Issue 5, September 2015, Pages 677-681
2. Tomohiro Igarashi, Akihiro Miyazaki, Kenji Nakamori, Hironari Dehari, Kazuhiro Ogi, Itaru Nagai, Tomoko Sonoda, Masamitsu Uji, Takatoshi Yotsuyanagi, Hiroyoshi Hiratsuka
Quantitative analysis of frontal facial asymmetry for patients with hemifacial macrosomia
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, Volume 27, Issue 6, November 2015, Pages 764-769
3. Takafumi Nakagaki, Kazuhiro Ogi, Masato Abe, Hironari Dehari, Akihiro Miyazaki, Tadashi Hasegawa, Takashi Tokino, Hiroyoshi Hiratsuka
Low-grade mucoepidermoid carcinoma with regional lymph node metastasis: A case report and genetic review of criteria for grading
Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, In Press, Corrected Proof, Available online 10 October 2015
4. 口蓋に発生した多形腺腫由来筋上皮癌の 1 例
荻 和弘、小林 淳一、竹田 康佑、井手 隆、宮崎 晃亘、平塚 博義
日本口腔外科学会誌 第 61 巻 3 号、173-176、2015

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○Pub Med 掲載論文 (2014 年)

1. [Nakai M](#)¹, [Abe M](#), [Miyazaki A](#), [Fujimiya M](#), [Hiratsuka H](#).
Macroscopic and microscopic features of the mandibular condyle in autopsied elderly individuals.
[Clin Anat](#). 2014 Apr;27(3):399-407. doi: 10.1002/ca.22102. Epub 2012 Jul 17.

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○Pub Med 掲載論文 (2013 年)

1. [Michifuri Y](#), [Hirohashi Y](#), [Torigoe T](#), [Miyazaki A](#), [Fujino J](#), [Tamura Y](#), [Tsukahara T](#), [Kanaseki T](#), [Kobayashi J](#), [Sasaki T](#), [Takahashi A](#), [Nakamori K](#), [Yamaguchi A](#), [Hiratsuka H](#), [Sato N](#).
Small proline-rich protein-1B is overexpressed in human oral squamous cell cancer stem-like cells and is related to their growth through activation of MAP kinase signal. ([Biochem Biophys Res Commun](#). 2013 Sep 13;439(1):96-102. doi: 10.1016/j.bbrc.2013.08.021. Epub 2013 Aug 13.)
2. [Yamamoto T](#), [Tamura Y](#), [Kobayashi J](#), [Kamiguchi K](#), [Hirohashi Y](#), [Miyazaki A](#), [Torigoe T](#), [Asanuma H](#), [Hiratsuka H](#), [Sato N](#).
Six-transmembrane epithelial antigen of the prostate-1 plays a role for in vivo tumor growth via intercellular communication. ([Exp Cell Res](#). 2013 Oct 15;319(17):2617-26. doi: 10.1016/j.yexcr.2013.07.025. Epub 2013 Aug 2.)
3. [Shimanishi M](#), [Ogi K](#), [Sogabe Y](#), [Kaneko T](#), [Dehari H](#), [Miyazaki A](#), [Hiratsuka H](#).
Silencing of GLUT-1 inhibits sensitization of oral cancer cells to cisplatin during hypoxia. ([J Oral Pathol Med](#). 2013 May;42(5):382-8. doi: 10.1111/jop.12028. Epub 2012 Dec 10.)
4. [Shiratori K](#), [Nakamori K](#), [Ueda M](#), [Sonoda T](#), [Dehari H](#).
Assessment of the Shape of the Inferior Alveolar Canal as a Marker for Increased Risk of Injury to the Inferior Alveolar Nerve at Third Molar Surgery: A Prospective Study. ([J Oral Maxillofac Surg](#). 2013 Sep 14. pii: S0278-2391(13)00941-5. doi: 10.1016/j.joms.2013.07.030. [Epub ahead of print])