

# 研究業績

Usui T, Sakurai M, Nishikawa S, Umata K, Nemoto Y, Haraguchi T, Itamoto K, Mizuno T, Noguchi S, Mori T, Iwai S, Nakagawa T, Yamawaki H, Ohama T, Sato K.

Establishment of a dog primary prostate cancer organoid using the urine cancer stem cells. *Cancer Sci.* 2017 Dec;108(12):2383-2392. doi: 10.1111/cas.13418. Epub 2017 Nov 6. PMID: 29024204; PMCID: PMC5715251.

Itoh H, Nishikawa S, Haraguchi T, Arikawa Y, Eto S, Hiyama M, Iseri T, Itoh Y, Nakaichi M, Sakai Y, Tani K, Taura Y, Itamoto K.

Aldehyde dehydrogenase activity helps identify a subpopulation of murine adipose-derived stem cells with enhanced adipogenic and osteogenic differentiation potential. *World J Stem Cells.* 2017 Oct 26;9(10):179-186. doi: 10.4252/wjsc.v9.i10.179. PMID: 29104736; PMCID: PMC5661130.

Haraguchi T, Kimura S, Itoh H, Nishikawa S, Hiyama M, Tani K, Iseri T, Itoh Y, Nakaichi M, Taura Y, Itamoto K.

Comparison of postoperative pain and inflammation reaction in dogs undergoing preventive laparoscopic-assisted and incisional gastropexy. *J Vet Med Sci.* 2017 Sep 12;79(9):1524-1531. doi: 10.1292/jvms.17-0103. Epub 2017 Jul 17. PMID: 28717065; PMCID: PMC5627322.

Itoh H, Nishikawa S, Haraguchi T, Arikawa Y, Hiyama M, Eto S, Iseri T, Itoh Y, Tani K, Nakaichi M, Taura Y, Itamoto K. Aldehyde dehydrogenase activity identifies a subpopulation of canine adipose-derived stem cells with higher differentiation potential. *J Vet Med Sci.* 2017 Sep 12;79(9):1540-1544. doi:10.1292/jvms.16-0503. Epub 2017 Jun 5. PMID: 28579596; PMCID: PMC5627324.

Itoh H, Nishikawa S, Haraguchi T, Arikawa Y, Hiyama M, Iseri T, Itoh Y, Nakaichi M, Taura Y, Tani K, Itamoto K.

Identification of rhodamine 123-positive stem cell subpopulations in canine hepatocellular carcinoma cells. *Biomed Rep.* 2017 Jul;7(1):73-78. doi: 10.3892/br.2017.925. Epub 2017 Jun 7. PMID: 28685064; PMCID: PMC5492824.

Itoh H, Nishikawa S, Haraguchi T, Arikawa Y, Hiyama M, Iseri T, Itoh Y, Nakaichi M, Taura Y, Tani K, Itamoto K.

Single-Cell Phosphospecific Flow Cytometric Analysis of Canine and Murine Adipose-Derived Stem Cells. *J Vet Med.* 2017;2017:5701016. doi: 10.1155/2017/5701016. Epub 2017 Aug 16. PMID: 28900631; PMCID: PMC5576408.

Itoh H, Itamoto K, Eto S, Haraguchi T, Nishikawa S, Tani K, Itoh Y, Hiyama M, Iseri T, Nakaichi M, Taura Y.

Cranio cervical junction abnormalities with atlantoaxial subluxation caused by ventral subluxation of C2 in a dog. *Open Vet J.* 2017;7(1):65-69. doi: 10.4314/ovj.v7i1.10. Epub 2017 Mar 25. PMID: 28540253; PMCID: PMC5443404.

Nishikawa S, Konno M, Hamabe A, Hasegawa S, Kano Y, Fukusumi T, Satoh T, Takiguchi S, Mori M, Doki Y, Ishii H.

Surgically resected human tumors reveal the biological significance of the gastric cancer stem cell markers CD44 and CD26. *Oncol Lett.* 2015 May;9(5):2361-2367. doi: 10.3892/ol.2015.3063. Epub 2015 Mar 20. PMID: 26137071; PMCID: PMC4467359.

Nakahata K, Uehara S, Nishikawa S, Kawatsu M, Zenitani M, Oue T, Okuyama H.

Aldehyde Dehydrogenase 1 (ALDH1) Is a Potential Marker for Cancer Stem Cells in Embryonal Rhabdomyosarcoma. *PLoS One.* 2015 Apr 27;10(4):e0125454. doi: 10.1371/journal.pone.0125454. PMID: 25915760; PMCID: PMC4411144.

Hayashi K, Tamari K, Ishii H, Konno M, Nishida N, Kawamoto K, Koseki J, Fukusumi T, Kano Y, Nishikawa S, Miyao M, Noguchi K, Ogawa H, Hamabe A, Seo Y, Doki Y, Mori M, Ogawa K.

Visualization and characterization of cancer stem-like cells in cervical cancer. *Int J Oncol.* 2014 Dec;45(6):2468-74. doi: 10.3892/ijo.2014.2670. Epub 2014 Sep 24. PMID: 25269542.

Kano Y, Ishii H, Konno M, Yamasaki M, Miyata H, Nishikawa S, Hamabe A, Ogawa H, Takahashi H, Ohta K, Hasegawa S, Tanaka K, Fukusumi T, Otsuka M, Kawamoto K, Haraguchi N, Fujimoto R, Isobe M, Tomita Y, Matsuura N, Takiguchi S,

Mori M, Doki Y.

Cells of origin of squamous epithelium, dysplasia and cancer in the head and neck region after bone marrow transplantation. *Int J Oncol.* 2014 Feb;44(2):443-50. doi: 10.3892/ijo.2013.2206. Epub 2013 Dec 3. PMID: 24317739.

Okano M, Yamamoto H, Ohkuma H, Kano Y, Kim H, Nishikawa S, Konno M, Kawamoto K, Haraguchi N, Takemasa I, Mizushima T, Ikeda M, Yokobori T, Mimori K, Sekimoto M, Doki Y, Mori M, Ishii H. Significance of INHBA expression in human colorectal cancer. *Oncol Rep.* 2013 Dec;30(6):2903-8. doi: 10.3892/or.2013.2761. Epub 2013 Oct 1. PMID: 24085226.

Kano Y, Konno M, Ohta K, Haraguchi N, Nishikawa S, Kagawa Y, Hamabe A, Hasegawa S, Ogawa H, Fukusumi T, Noguchi Y, Ozaki M, Kudo T, Sakai D, Satoh T, Ishii M, Mizohata E, Inoue T, Mori M, Doki Y, Ishii H. Jumonji/Arid1b (Jarid1b) protein modulates human esophageal cancer cell growth. *Mol Clin Oncol.* 2013 Jul;1(4):753-757. doi: 10.3892/mco.2013.127. Epub 2013 May 21. PMID: 24649241;PMCID: PMC3915624.

Ishii H, Konno M, Kagawa Y, Maeda S, Ohta K, Kano Y, Nishikawa S, Satoh T, Doki Y, Mori M. [Innovative cell-modifying technology targeting cancer stem cell]. *Rinsho Ketsueki.* 2013 May;54(5):415-22. Japanese. PMID: 23727678.

Kano Y, Ishii H, Konno M, Ohta K, Nishikawa S, Fukusumi T, Hamabe A, Hasegawa S, Ogawa H, Ozaki M, Noguchi Y, Sakai D, Haraguchi N, Kudo T, Satoh T, Doki Y, Mori M. [Cancer stem cells depend on their own niche]. *Gan To Kagaku Ryoho.* 2013 Apr;40(4):419-23. Japanese. PMID: 23848007.

Konno M, Hamabe A, Hasegawa S, Ogawa H, Fukusumi T, Nishikawa S, Ohta K, Kano Y, Ozaki M, Noguchi Y, Sakai D, Kudoh T, Kawamoto K, Eguchi H, Satoh T, Tanemura M, Nagano H, Doki Y, Mori M, Ishii H. Adipose-derived mesenchymal stem cells and regenerative medicine. *Dev Growth Differ.* 2013 Apr;55(3):309-18. doi:10.1111/dgd.12049. Epub 2013 Mar 3. PMID: 23452121.

Nishikawa S, Konno M, Hamabe A, Hasegawa S, Kano Y, Ohta K, Fukusumi T, Sakai D, Kudo T, Haraguchi N, Satoh T, Takiguchi S, Mori M, Doki Y, Ishii H. Aldehyde dehydrogenase high gastric cancer stem cells are resistant to chemotherapy. *Int J Oncol.* 2013 Apr;42(4):1437-42. doi: 10.3892/ijo.2013.1837. Epub 2013 Feb 22. PMID: 23440340.

Ohta K, Haraguchi N, Kano Y, Kagawa Y, Konno M, Nishikawa S, Hamabe A, Hasegawa S, Ogawa H, Fukusumi T, Uemura M, Nishimura J, Hata T, Takemasa I, Mizushima T, Noguchi Y, Ozaki M, Kudo T, Sakai D, Satoh T, Fukami M, Ishii M, Yamamoto H, Doki Y, Mori M, Ishii H. Depletion of JARID1B induces cellular senescence in human colorectal cancer. *Int J Oncol.* 2013 Apr;42(4):1212-8. doi: 10.3892/ijo.2013.1799. Epub 2013 Jan 25. PMID: 23354547.