

法医学講座

○主な研究内容

- 1 窒息死の分子病態学的検討
- 2 死後CTによる死因診断基準の策定
- 3 死後CTを利用した個人識別法の開発
- 4 特発性大腿骨頭壊死の発生機序と治療法の開発
- 5 アルコール等薬物依存の分子病態学的機構

○Pub Med 掲載論文 (2018 年)

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○Pub Med 掲載論文 (2016 年)

1. Time-related change evaluation of the cerebrospinal fluid using postmortem CT.

Morikawa K, Hyodoh H, Matoba K, Mizuo K, Okazaki S, Watanabe S.

Leg Med (Tokyo). 2016 Sep;22:30-5. doi: 10.1016/j.legalmed.2016.07.010. Epub 2016 Aug 2.

PMID: 27591536

2. Experimental drowning lung images on postmortem CT - Difference between sea water and fresh water.

Hyodoh H, Terashima R, Rokukawa M, Shimizu J, Okazaki S, Mizuo K, Watanabe S.

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3. Freezing effect on brain density in postmortem CT.

Sugimoto M, Hyodoh H, Rokukawa M, Kanazawa A, Murakami R, Shimizu J, Okazaki S, Mizuo K, Watanabe S.

Leg Med (Tokyo). 2016 Jan;18:62-5. doi: 10.1016/j.legalmed.2015.12.007. Epub 2015 Dec 18.

PMID: 26832379

4. Postmortem computed tomography findings in the thorax - Experimental evaluation.

Hyodoh H, Shimizu J, Rokukawa M, Okazaki S, Mizuo K, Watanabe S.

Leg Med (Tokyo). 2016 Mar;19:96-100. doi: 10.1016/j.legalmed.2015.07.015. Epub 2015 Jul 31.

PMID: 26297243

5. TLR4 stimulation and corticosteroid interactively induce osteonecrosis of the femoral head in rat.

Okazaki S, Nagoya S, Matsumoto H, Mizuo K, Shimizu J, Watanabe S, Inoue H, Yamashita T.

J Orthop Res. 2016 Feb;34(2):342-5. doi: 10.1002/jor.23008. Epub 2015 Aug 19.

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6. Regional osteoporosis due to osteoclast activation as a trigger for the pain-like behaviors in tail-suspended mice.

Dohke T, Iba K, Hanaka M, Kanaya K, Abe Y, Okazaki S, Yamashita T.

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PMID: 27431941

7. TRPV1, ASICs and P2X2/3 expressed in bone cells simultaneously regulate bone metabolic markers in ovariectomized mice.

Kanaya K, Iba K, Dohke T, Okazaki S, Yamashita T.

J Musculoskelet Neuronal Interact. 2016 Jun 1;16(2):145-51.

PMID: 27282458 Free Article

8. Acid-sensing ion channel 3 or P2X2/3 is involved in the pain-like behavior under a high bone turnover state in ovariectomized mice.

Kanaya K, Iba K, Abe Y, Dohke T, Okazaki S, Matsumura T, Yamashita T.

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Shimizu J, Okazaki S, Nagoya S, Takahashi N, Kanaya K, Mizuo K, Hyodoh H, Watanabe S, Yamashita T.

PLoS One. 2016 Oct 27;11(10):e0165490. doi: 10.1371/journal.pone.0165490.

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10. Expression of Ku70 predicts results of radiotherapy in prostate cancer.

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11. Influence of XRCC4 expression in esophageal cancer cells on the response to radiotherapy.

Hori M, Someya M, Matsumoto Y, Nakata K, Kitagawa M, Hasegawa T, Tsuchiya T, Fukushima Y, Gocho T, Sato Y, Ohnuma H, Kato J, Sugita S, Hasegawa T, Sakata KI.

Med Mol Morphol. 2016 Jun 23. [Epub ahead of print]

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○Pub Med 掲載論文 (2015 年)

1. Watanabe S, Hyodoh H, Shimizu J, Okazaki S, Mizuo K, Rokukawa M.
Classification of hemopericardium on postmortem CT.
Leg Med (Tokyo). 2015 Jun 3. pii: S1344-6223(15)00066-8. doi: 10.1016/j.legalmed.2015.05.004.
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2. Hyodoh H, Shimizu J, Watanabe S, Okazaki S, Mizuo K, Inoue H.
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computed tomography (PMCT).
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3. Inoue H, Hyodoh H, Watanabe S, Okazaki S, Mizuo K.
Acute enlargement of subdural hygroma due to subdural hemorrhage in a victim of child abuse.
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4. Hyodoh H, Shimizu J, Mizuo K, Okazaki S, Watanabe S, Inoue H.
CT-guided percutaneous needle placement in forensic medicine.
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9 stimulations and is boosted by repression on nuclear factor kappa B in rats.
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○Pub Med 掲載論文 (2014 年)

1. [Inoue H¹](#), [Hyodoh H²](#), [Watanabe S²](#), [Okazaki S²](#), [Mizuo K²](#).
Acute enlargement of subdural hygroma due to subdural hemorrhage in a victim of child abuse.
[Leg Med \(Tokyo\)](#). 2014 Oct 22. pii: S1344-6223(14)00160-6. doi: 10.1016/j.legalmed.2014.10.006. [Epub ahead of print]
2. [Hyodoh H¹](#), [Shimizu J²](#), [Mizuo K²](#), [Okazaki S²](#), [Watanabe S²](#), [Inoue H²](#).
CT-guided percutaneous needle placement in forensic medicine.
[Leg Med \(Tokyo\)](#). 2014 Oct 22. pii: S1344-6223(14)00144-8. doi: 10.1016/j.legalmed.2014.10.002. [Epub ahead of print]
3. [Okazaki S¹](#), [Nagoya S²](#), [Matsumoto H³](#), [Mizuo K³](#), [Sasaki M⁴](#), [Watanabe S³](#), [Yamashita T⁵](#), [Inoue H³](#).
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[Lab Invest](#). 2014 Nov 10. doi: 10.1038/labinvest.2014.134. [Epub ahead of print]
4. [Kanazawa A¹](#), [Hyodoh H²](#), [Watanabe S¹](#), [Fukuda M¹](#), [Baba M¹](#), [Okazaki S¹](#), [Mizuo K¹](#), [Hayashi E¹](#), [Inoue H¹](#).
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○Pub Med 掲載論文 (2013 年)

- 1 . [Okazaki S](#), [Nagoya S](#), [Tateda K](#), [Katada R](#), [Mizuo K](#), [Watanabe S](#), [Yamashita T](#), [Matsumoto H](#).
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- 2 . [Hyodoh H](#), [Watanabe S](#), [Katada R](#), [Hyodoh K](#), [Matsumoto H](#).
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- 3 . [Sasaki M](#), [Nagoya S](#), [Kaya M](#), [Okazaki S](#), [Tateda K](#), [Kosukegawa I](#), [Yamashita T](#).
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- 4 . [Okazaki S](#), [Nagoya S](#), [Yamamoto M](#), [Tateda K](#), [Takahashi H](#), [Yamashita T](#), [Matsumoto H](#).
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- 5 . [Inoue H](#), [Nakagawa Y](#), [Ikemura M](#), [Usugi E](#), [Kiyofuji Y](#), [Nata M](#).
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Prediction of people's origin from degraded DNA--presentation of SNP assays and calculation of probability. ([Int J Legal Med](#). 2013 Mar;127(2):347-57. doi: 10.1007/s00414-012-0728-0. Epub 2012 Aug 24.)