

法科学講座 法医学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
高宮 正隆	法科学講座法医学分野	教授	博士(医学)	法医学 法医病理学	<p>①Takamiya M, Saigusa K, Dewa K. DNA Microarray Analysis of the Mouse Adrenal Gland for the Detection of Hypothermia Biomarkers: Potential Usefulness for Forensic Investigation. Therapeutic Hypothermia and Temperature Management: 3, 63-73.(2013)</p> <p>②Takamiya M, Nakayashiki,N, Dewa K.: Hypothalamic transcript profiling in hypothermia using SuperSAGE. J Forensic Leg Med: 19, 396-401, (2012)</p> <p>③Takamiya M, Biwasaka H, Saigusa K, Nakayashiki N, Aoki Y.Wound age estimation by simultaneous detection of 9 cytokines in human dermal wounds with a multiplex bead-based immunoassay: An estimative method using outsourced examinations. Legal Medicine 11: 186-190.(2009)</p>

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六本木 沙織	法科学講座法医学分野	助教	博士(薬学)	法医学 法医中毒学	<p>Sakamoto, Y., Suzuki, Y., Nakamura, A., Watanabe, Y., Sekiya, M., Roppongi, S., Kushibiki, C., Iizuka, I., Tani, O., Sakashita, H., Inaka, K., Tanaka, H., Yamada, M., Ohta, K., Honma, N., Shida, Y., Ogasawara, W., Nakanishi-Matsui, M., Nonaka, T., Gouda, H., Tanaka, N. Fragment-based discovery of the first nonpeptidyl inhibitor of an S46 family peptidase. Scientific Reports 9: 13587 (2019).</p> <p>Roppongi, S., Suzuki, Y., Tateoka, C., Fujimoto, M., Morisawa, S., Iizuka, I., Nakamura, A., Honma, N., Shida, Y., Ogasawara, W., Tanaka, N., Sakamoto, Y., Nonaka, T. Crystal structures of a bacterial dipeptidyl peptidase IV reveal a novel substrate recognition mechanism distinct from that of mammalian orthologues. Scientific Reports 8: 2714 (2018).</p> <p>Roppongi, S., Tateoka, C., Fujimoto, M., Iizuka, I., Morisawa, S., Nakamura, A., Honma, N., Suzuki, Y., Shida, Y., Ogasawara, W., Tanaka, N., Sakamoto, Y., Nonaka, T. Periplasmic form of dipeptidyl aminopeptidase IV from Pseudoxanthomonas mexicana WO24: purification, kinetic characterization, crystallization and X-ray crystallographic analysis. Acta Crystallogr F Struct Biol Commun. 73: 601-606 (2017).</p> <p>Sakamoto, Y., Suzuki, Y., Iizuka, I., Tateoka, C., Roppongi, S., Fujimoto, M., Inaka, K., Tanaka, H., Yamada, M., Ohta, K., Gouda, H., Nonaka, T., Ogasawara, W., Tanaka, N. Structural and mutational analyses of dipeptidyl peptidase 11 from Porphyromonas gingivalis reveal the molecular basis for strict substrate specificity. Scientific Reports 5: 11151 (2015).</p> <p>Sakamoto, Y., Suzuki, Y., Iizuka, I., Tateoka, C., Roppongi, S., Fujimoto, M., Inaka, K., Masaki, M., Ohta, K., Okada, H., Nonaka, T., Morikawa, Y., Nakamura, K.T., Ogasawara, W., Tanaka, N. S46 Peptidases are the First Exopeptidases to be Members of Clan PA. Scientific Reports 4: 4977 (2014).</p>

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新津 ひさえ	法科学講座法医学分野	助教	博士(医学)	法医学 法医中毒学	①Niitsu H, Fujita Y, Fujita S, Kumagai R, Takamiya M, Aoki Y, Dewa K. Distribution of aconitum alkaloids in autopsy cases of aconite poisoning. Forensic Sci Int.: 227:111-117. (2013) ② Niitsu, H., Fujita, Y., Fujita, S., Kumagai, R., Takamiya, M., Dewa, K.: Distribution of aconitum alkaloids in autopsy cases of aconite poisoning. The 50th Annual Meeting of the International Association of Forensic Toxicologists. Jun, Hamamatsu, Japan(2012) ③新津ひさえ, 藤田友嗣, 藤田さちこ, 出羽厚二. シルデナフィルと覚せい剤が検出された1剖検例/日本法医学雑誌. 65:64(2011)