

# 臨床分子病態検査学講座

## Clinical Laboratory and Molecular Pathology

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### ◆ 著 書

- 1) 仁井見英樹. 臨床化学. 日本臨床化学会; 2023 Apr. 加齢性疾患における幹細胞由来EV(細胞外小胞)の治療可能性; p. 116-7.

### ◆ 原 著

- 1) Seiji Kubo, Hideki Niimi, Isao Kitajima. Duplex loop-mediated isothermal amplification assay for simultaneous detection of human and human male DNA. *BMC research notes*. 2023 Aug; 16(1): 180. doi: 10.1486/s13104-023-06464-2.
- 2) Seiji Kubo, Hideki Niimi, Isao Kitajima. Improved reverse transcription-recombinase polymerase amplification assay for blood mRNA screening: comparison with one-step RT-qPCR assay. *Forensic Sci Int Genet*. 2023 Mar; 63: 102808. doi: 10.1016/j.fsigen.2022.102808.
- 3) Kentaro Tamura, Hideki Niimi, Mitsuhide Nagaoka, Taketoshi Yoshida. Rapid detection of neonatal sepsis using the melting temperature mapping method. *Pediatrics & Neonatology*. 2023 Mar 21; 64(5): 617-618. doi: 10.1016/j.pedneo.2023.03.003.
- 4) Hitoshi Kawasuji, Yoshitomo Morinaga, Hideki Tani, Yumiko Saga, Hiroshi Yamada, Yoshihiro Yoshida, Yusuke Takegoshi, Makito Kaneda, Yushi Murai, Kou Kimoto, Akitoshi Ueno, Yuki Miyajima, Kentaro Nagaoka, Chikako Ono, Yoshiharu Matsuura, Hideki Niimi, Yoshihiro Yamamoto. Neutralizing Antibody Response of the Wild-Type/Omicron BA.1 Bivalent Vaccine as the Second Booster Dose against Omicron BA.2 and BA.5. *Microbiol Spectr*. 2023 May 22; 11(2): 513122. doi: 10.1128/spectrum.05131-22.
- 5) Seiji Kubo, Hideki Niimi, Isao Kitajima. Sperm mRNA screening by reverse transcription-recombinase polymerase amplification (RT-RPA) assay: Decision-making for differential extraction. *Anal Biochem*. 2023 May 25; (670): 115121. doi: 10.1016/j.ab.2023.115121.
- 6) Kentaro Nagaoka, Hitoshi Kawasuji, Yusuke Takegoshi, Yushi Murai, Makito Kaneda, Kou Kimoto, Hideki Tani, Hideki Niimi, Yoshitomo Morinaga, Kyo Noguchi, Yoshihiro Yamamoto. Dominant CT Patterns and Immune Responses during the Early Infection Phases of Different SARS-CoV-2 Variants. *Viruses*. 2023 May 31; 15(6): 1304. doi: 10.3390/v15061304.
- 7) Yuki Miyajima, Hideki Niimi, Tomohiro Ueno, Atsushi Matsui, Yoshitsugu Higashi, Nozomi Kojima, Mari Kono, Yusuke Iwasaki, Kentaro Nagaoka, Yoshihiro Yamamoto, Isao Kitajima. Predictive value of cell population data with Sysmex XN-series hematology analyzer for culture-proven bacteremia. *Frontiers in Medicine*. 2023 Jun 1; (10): 1156889. doi: 10.3389/fmed.2023.1156889.
- 8) Seiji Yamashiro, Keiichiro Kita, Hideki Niimi. A case of familial mediterranean fever in an elderly patient experiencing recurrent fever and weigh loss. *Journal of Clinical Images and Medical Case Reports Open Access*. 2023 Aug; (4): doi: 10.52768/2766-7820/2518.
- 9) Seiji Kubo, Keito Amai, Jin Tanaka, Hideki Niimi. One-tube, two-step isothermal amplification of histatin 3 mRNA for saliva screening. *Forensic science international*. 2023 Sep 26; (352): 111847.
- 10) Hitoshi Kawasuji, Yoshihiro Ikezawa, Mika Morita, Kazushige Sugie, Mayu Somekawa, Masayoshi Ezaki, Yuki Koshiyama, Yusuke Takegoshi, Yushi Murai, Makito Kaneda, Kou Kimoto, Kentaro Nagaoka, Hideki Niimi, Yoshitomo Morinaga, Yoshihiro Yamamoto. High Incidence of Metastatic Infections in Panton-Valentine Leucocidin-Negative, Community-Acquired Methicillin-Resistant Staphylococcus aureus Bacteremia: An 11-Year Retrospective Study in Japan. *Antibiotics*. 2023 Oct 6; 12(10): 1516. doi: 10.3390/antibiotics12101516.
- 11) K Nagaoka, H Kawasuji, Y Takegoshi, Y Murai, M Kaneda, K Kimoto, S Morimoto, H Tani, H Niimi, Y Morinaga, Y Yamamoto. Predictive values of immune indicators on respiratory failure in the early phase of COVID-19 due to Delta and precedent variants. *Front Immunol*. 2023 Sep 4; (14): 1197436. doi: 10.3389/fimmu.2023.1197436.
- 12) Takashi Ishikawa, Yoji Uejima, Masashi Okai, Kyoko Shiga, Kensuke Shoji, Isao Miyairi, Motohiro Kato, Shintaro Morooka, Mitsuru Kubota, Takashi Tagaya, Satoshi Tsuji, Satoshi Aoki, Kentaro Ide, Hideki Niimi, Toru Uchiyama,

Masafumi Onodera, Toshinao Kawai. Melting temperature mapping method in children: Rapid identification of pathogenic microbes. Journal of Infection and Chemotherapy Pain. 2023 Nov 29; (23): 301-307. doi: 10.1016/j.jiac.2023.11.024.

◆ 学会報告

- 1) 仁井見英樹. Tm mapping法（感染症起炎菌迅速同定＆定量検査法）の概要と臨床応用. 第70回日本臨床検査医学会学術集会; 2023 Nov 16-19; 長崎. (招待講演)

◆ その他

- 1) 仁井見英樹. 微生物の迅速無菌検査による医薬品製造における品質管理法の確立. 薬都創造コンソーシアム推進委員会; 2023 Feb 24; 富山.
- 2) 仁井見英樹. 感染症の新規バイオマーカーとしての「菌数」の有用性 . Reiwa Critical Care Tutorial 2023 in Tokyo; 2023 Mar 11; 東京. (招待講演)
- 3) 仁井見英樹. 感染症の新たなバイオマーカー「菌数」の有用性とデジタルPCR法 Patient Selection and J-MACS in the Real-world Experiences from Japan. QIAGEN デジタルPCRユーザーグループミーティングVAD Referral Symposium by Abbott; 2023 Apr 14; 東京. (招待講演)