

2024年度の論文業績（共著を含む）

1. Umemura T, Kato H, Asai N, Hagihara M, Hirai J, Yamagishi Y, Mikamo H. Comparison of efficacy and safety between daptomycin plus β -lactam and daptomycin monotherapy for bloodstream infections due to gram-positive cocci: A systematic review and meta-analysis. *Heliyon*. 2024 Apr 16;10(8):e29811. doi: 10.1016/j.heliyon.2024.e29811. PMID: 38681574; PMCID: PMC11046193.
2. Shibata Y, Asai N, Hirai J, Mori N, Hagihara M, Mikamo H. Retrospective study to investigate appropriate duration of antibiotic treatment for uncomplicated *Staphylococcus aureus* bacteremia in patients with immunodeficiency. *J Infect Chemother*. 2024 Nov;30(11):1141-1146. doi: 10.1016/j.jiac.2024.04.013. Epub 2024 May 8. PMID: 38729565.
3. Asai N, Shibata Y, Yamada A, Ohashi W, Takayama M, Kawamoto Y, Miyazaki N, Sakanashi D, Ohno T, Nakamura A, Koita I, Suematsu H, Chida S, Ohta T, Kato H, Hagihara M, Hirai J, Mori N, Mikamo H. Epidemiological study of respiratory syncytial virus infection in adults during the pandemic of COVID-19. *J Infect Chemother*. 2024 Nov;30(11):1156-1161. doi: 10.1016/j.jiac.2024.05.004. Epub 2024 May 21. PMID: 38782237.
4. Shibata Y, Hirai J, Mori N, Asai N, Hagihara M, Yamada Y, Mikamo H. Comparison of incidence of hyponatremia between linezolid and vancomycin in neonates and infants. *J Infect Chemother*. 2025 Jan;31(1):102525. doi: 10.1016/j.jiac.2024.09.014. Epub 2024 Sep 19. PMID: 39303781.
5. Shibata Y, Hirai J, Mori N, Asai N, Hagihara M, Mikamo H. Days of Antibiotic Spectrum Coverage (DASC) as a Metric for Evaluating the Impact of Prospective Audit and Feedback (PAF) against Long-Term Broad-Spectrum Antibiotic Use. *Antibiotics (Basel)*. 2024 Aug 25;13(9):804. doi: 10.3390/antibiotics13090804. PMID: 39334979; PMCID: PMC11428810.
6. Mori N, Shibata Y, Ohashi W, Hirai J, Asai N, Mikamo H. Effects of Adding P2Y12 Inhibitor to Anti-staphylococcal Therapy on Bacterial Clearance in Patients With *Staphylococcus aureus* Bacteremia. *Cureus*. 2024 Oct 21;16(10):e71984. doi: 10.7759/cureus.71984. PMID: 39569238; PMCID: PMC11577485.
7. Mori N, Nakamura A, Hirai J, Asai N, Shibata Y, Takayama M, Kawamoto Y, Miyazaki N, Sakanashi D, Ohno T, Yamada A, Suematsu H, Koita I, Chida S, Ohta T, Mikamo H. Clinical characteristics and antimicrobial susceptibility of *Eggerthella lenta* infection over a 5-year trend at a university hospital in Japan. *Nagoya J Med Sci*. 2024 Nov;86(4):683-692. doi: 10.18999/nagjms.86.4.683. PMID: 39780922; PMCID: PMC11704767.
8. Mori N, Shibata Y, Hirai J, Asai N, Mikamo H. Days of antibiotic spectrum coverage (DASC) as predictors of recurrent *Clostridioides difficile* infection: A retrospective cohort study. *J Infect Chemother*. 2025 Feb 4;31(4):102650. doi: 10.1016/j.jiac.2025.102650. Epub ahead of print. PMID: 39914651.
9. Hirai J, Hanai Y. Comparative study of ensitrelvir and symptomatic therapy in healthcare workers with mild COVID-19: A single center retrospective analysis in Chiba, Japan. *J Infect Chemother*. 2025 Feb 26;31(4):102668. doi: 10.1016/j.jiac.2025.102668. Epub ahead of print. PMID: 40021002.
10. Hanai Y, Hirai J, Kobayashi M, Matsuo K, Kouzu K, Shinkawa H, Shinji S, Kobayashi M, Kitagawa Y,

Yamashita C, Mohri Y, Nobuhara H, Suzuki K, Shimizu J, Uchino M, Haji S, Yoshida M, Mizuguchi T, Mayumi T, Kitagawa Y, Ohge H. Intraoperative redosing of antibiotics for prevention of surgical site infections: A systematic review and meta-analysis. *Ann Gastroenterol Surg.* 2024 Oct 18;9(2):369-378. doi: 10.1002/ags3.12866. PMID: 40046532; PMCID: PMC11877348.

11. Hirai J, Mori N, Hanai Y, Asai N, Hagihara M, Mikamo H. Evaluating bezlotoxumab-fidaxomicin combination therapy in *Clostridioides* infection: A single-center retrospective study from Aichi prefecture, Japan. *Antibiotics (Basel)* 2025;14:228.

12. Hirai J. Successful Outpatient Treatment of *Legionella Pneumophila* Pneumonia With Lascufloxacin: A Case Report. *Cureus* 17(3): e81207. doi:10.7759/cureus.81207.

13. Kato H, Hirai J, Takano T, Arakawa Y, Yamagishi Y, Kunishima H, Mikamo H. A systematic review and meta-analysis on the efficacy of carbapenems versus metronidazole combination therapy in patients infected with *Bacteroides* spp., *Journal of Infection and Chemotherapy*, <https://doi.org/10.1016/j.jiac.2025.102687>

【研究業績】

2024/2025年度の主な論文

1. Umemura T, Kato H, Asai N, Hagihara M, Hirai J, Yamagishi Y, Mikamo H. Comparison of efficacy and safety between daptomycin plus β -lactam and daptomycin monotherapy for bloodstream infections due to gram-positive cocci: A systematic review and meta-analysis. *Heliyon.* 2024.

2. Hibata Y, Asai N, Hirai J, Mori N, Hagihara M, Mikamo H. Retrospective study to investigate appropriate duration of antibiotic treatment for uncomplicated *Staphylococcus aureus* bacteremia in patients with immunodeficiency. *J Infect Chemother.* 2024.

3. Shibata Y, Hirai J, Mori N, Asai N, Hagihara M, Yamada Y, Mikamo H. Comparison of incidence of hyponatremia between linezolid and vancomycin in neonates and infants. *J Infect Chemother.* 2025.

4. Shibata Y, Hirai J, Mori N, Asai N, Hagihara M, Mikamo H. Days of Antibiotic Spectrum Coverage (DASC) as a Metric for Evaluating the Impact of Prospective Audit and Feedback (PAF) against Long-Term Broad-Spectrum Antibiotic Use. *Antibiotics.* 2024.

5. Hirai J, Hanai Y. Comparative study of ensitrelvir and symptomatic therapy in healthcare workers with mild COVID-19: A single center retrospective analysis in Chiba, Japan. *J Infect Chemother.* 2025.