

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
四宮博人	その他の耐性菌 ii. Non-typhoidal <i>Salmonella</i> spp.	薬剤耐性ワ ンヘルス動 向調査検討 会	薬剤耐性ワ ンヘルス動 向調査報告 書 2023	厚生労働 省	東京	2024.4. 4	31-38

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Ozawa M, Shirakawa T, Moriya K, Furuya Y, <u>Kawanishi M</u> , Makita K, Sekiguchi H.	Role of Plasmids in Co-Selection of Antimicrobial Resistances Among <i>Escherichia coli</i> Isolated from Pigs.	Foodborne Pathog Dis.	20(10)	435-441	2023
<u>Kawanishi M</u> , Matsuda M, Abo H, Ozawa M, Hosoi Y, Hiraoka Y, Harada S, Mio Kumakawa M, Sekigushi H.	Prevalence and genetic characterization of methicillin-resistant <i>Staphylococcus aureus</i> in pigs in Japan.	Antibiotics.	13	155	2024
Sasaki, Y., Ikeda, T., Yonemitsu, K., Kuroda, M., Ogawa, M., Sakata, R., Uema, M., Momose, Y., <u>Ohya, K.</u> , Watanabe, M., Hara-Kudo, Y., Okamura, M., and <u>Asai, T.</u>	Antimicrobial resistance profiles of <i>Campylobacter jejuni</i> and <i>Salmonella</i> spp. isolated from enteritis patients in Japan.	J. Vet. Med. Sci.	85	463-470	2023
<u>Tomita H</u> , Lu JJ, Ike Y.	High Incidence of Multiple-Drug-Resistant Pheromone-Responsive Plasmids and Transmissions of VanA-Type Vancomycin-Resistant <i>Enterococcus faecalis</i> between Livestock and Humans in Taiwan.	Antibiotics (Basel).	12(12)	1668	2023

Hirakawa H, Shimokawa M, Noguchi K, Tago M, Matsuda H, Takita A, Suzue K, Tajima H, Kawagishi I, <u>Tomita H.</u>	The PapB/FocB family protein TosR acts as a positive regulator of flagellar expression and is required for optimal virulence of uropathogenic <i>Escherichia coli</i> .	Front Microbiol.	14	1185804	2023
Hirakawa H, Takita A, Sato Y, Hiramoto S, Hashimoto Y, Ohshima N, Minamishima YA, Murakami M, <u>Tomita H.</u>	Inactivation of <i>ackA</i> and <i>pta</i> Genes Reduces GltT Expression and Susceptibility to Fosfomycin in <i>Escherichia coli</i> .	Microbiol Spectr.	11(3)	e0506922	2023
Hashimoto Y, Suzuki M, Kobayashi S, Hirahara Y, Kurushima J, Hirakawa H, Nomura T, Tanimoto K, <u>Tomita H.</u>	Enterococcal Linear Plasmids Adapt to <i>Enterococcus faecium</i> and Spread within Multidrug-Resistant Clades.	Antimicrob Agents Chemother.	67(4)	e0161922	2023
Shinohara K, Fujisawa T, Chang B, Ito Y, Suga S, Matsumura Y, Yamamoto M, Nagao M, Ohnishi M, <u>Sugai M,</u> Nakano S.	Frequent transmission of <i>Streptococcus pneumoniae</i> serotype 35B/D-CC558 lineage across continents and the formation of multiple clades in Japan.	Antimicrob Agents Chemother.	67(2)	e0108322	2023
Ide N, Kawada-Matsuo M, Nguyen-Tra ML, Hisatsune J, Nishi H, Hara T, Kitamura N, Kashiyama S, Yokozaki M, Kawaguchi H, Ohge H, <u>Sugai M,</u> Komatsuzawa H.	Different CprABC amino acid sequences affect nisin A susceptibility in <i>Clostridioides difficile</i> isolates.	PLoS ONE.	18(1)	e0280676	2023
Yu L, Hisatsune J, Kutsuno S, <u>Sugai M.</u>	New Molecular Mechanism of Superbiofilm Elaboration in <i>Staphylococcus aureus</i> Clinical Strain.	Microbiol Spectr.	11(2)	e0442522	2023
Kajihara T, Yahara K, Hirabayashi A, Hosaka Y, Kitamura N, <u>Sugai M,</u> Shibayama K.	Association between the proportion of laparoscopic approaches for digestive surgeries and the incidence of consequent surgical site infections, 2009–2019: A retrospective observational study based on national surveillance data in Japan.	PLoS ONE.	18(2)	e0281838.	2023

Ote H, Ito H, Akira T, <u>Sugai M</u> , Hisatsune J, Uehara Y, Oba Y.	A fatal case of disseminated infection caused by community-associated methicillin-resistant <i>Staphylococcus aureus</i> USA300 clone.	J Infect Dis.	76(4)	251-254	2023
Nguyen-Tra ML, Huu-Huong TN, Minh VT, Phuc-Bao TN, Kawada-Matsuo M, Kayama S, <u>Sugai M</u> , Komatsuzawa H.	Comprehensive Analysis of Bacteriocins Produced by the Hypermucoviscous <i>Klebsiella pneumoniae</i> Species Complex.	Microbiol Spectr.	11(3)	e0086323	2023
Segawa T, Hisatsune J, Ishida-Kuroki K, Sugawara Y, Masuda K, Tadera K, Kashiya S, Yokozaki M, Le MN, Kawada-Matsuo M, Ohge H, Komatsuzawa H, <u>Sugai M</u> .	Complete genome sequence of <i>optrA</i> -carrying <i>Enterococcus faecalis</i> isolated from open pus in a Japanese patient.	J Glob Antimicrob Resist.	33	276-278	2023
Toyoshima H, Tanigawa M, Ishiguro C, Tanaka H, Nakanishi Y, Sakabe S, Hisatsune J, Kutsuno S, Iwao Y, <u>Sugai M</u> .	Primary bacterial intercostal pyomyositis diagnosis: A case report.	Medicine (Baltimore)	102(18)	e33723	2023
<u>Sugai M</u> , Yuasa A, Miller RL, Vasilopoulos V, Kurosu H, Taie A, Gordon JP, Matsumoto T.	An Economic Evaluation Estimating the Clinical and Economic Burden of Increased Vancomycin-Resistant <i>Enterococcus faecium</i> Infection Incidence in Japan.	Infect Dis Ther.	12(6)	1695-1713	2023
Ishida-Kuroki K, Hisatsune J, Segawa T, Sugawara Y, Masuda K, Tadera K, Kashiya S, Yokozaki M, Nguyen-Tra ML, Kawada-Matsuo M, Ohge H, Komatsuzawa H, <u>Sugai M</u> .	Complete genome sequence of <i>cfi(B)</i> -carrying <i>Enterococcus raffinosus</i> isolated from bile in a patient in Japan.	J Glob Antimicrob Resist.	34	43-45	2023
Hisatsune J, Koizumi Y, Tanimoto K, <u>Sugai M</u> .	Diversity and Standard Nomenclature of <i>Staphylococcus aureus</i> Hyaluronate Lyases HysA and HysB.	Microbiol Spectr.	11(4)	e0052423	2023

Obata S, Hisatsune J, Kawasaki H, Fukushima-Nomura A, Ebihara T, Arai C, Masuda K, Kutsuno S, Iwao Y, Sugai M.	Comprehensive Genomic Characterization of <i>Staphylococcus aureus</i> Isolated from Atopic Dermatitis Patients in Japan: Correlations with Disease Severity, Eruption Type, and Anatomical Site.	Microbiol Spectr.	11(4)	e0523922	2023
Kajihara T, Yahara K, Kitamura N, Hirabayashi A, Hosaka Y, Sugai M.	Distribution, trends, and antimicrobial susceptibility of <i>Bacteroides</i> , <i>Clostridium</i> , <i>Fusobacterium</i> , and <i>Prevotella</i> species causing bacteremia in Japan during 2011-2020: A retrospective observational study based on national surveillance data.	Open Forum Infect Dis.	10(7)	ofad33	2023
T Sato, T Yamaguchi, K Aoki, C Kajiwara, S Kimura, T Maeda, S Yoshizawa, M Sasaki, H Murakami, J Hisatsune, M Sugai , Y Ishii , K Tateda, Y Urita.	Whole-genome sequencing analysis of molecular epidemiology and silent transmissions causing methicillin-resistant <i>Staphylococcus aureus</i> bloodstream infections in a university hospital.	J Hosp Infect.	139	141-149	2023
Kondo K, Nakano S, Hisatsune J, Sugawara Y, Kataoka M, Kayama S, Sugai M , Kawano M.	Characterization of 29 newly isolated bacteriophages as a potential therapeutic agent against IMP-6-producing <i>Klebsiella pneumoniae</i> from clinical specimens.	Microbiol Spectr.	11(5)	e04761-22	2023
Tanabe M, Sugawara Y, Denda T, Sakaguchi K, Takizawa S, Koide S, Hayashi W, Yu L, Kayama S, Sugai M , Nagano Y, Nagano N.	Municipal wastewater monitoring revealed the predominance of <i>bla</i> _{GES} genes with diverse variants among carbapenemase-producing organisms: high occurrence and persistence of <i>Aeromonas caviae</i> harboring the new <i>bla</i> _{GES} variant <i>bla</i> _{GES-48} .	Microbiol Spectr.	11(6)	e0218823	2023
Zuo H, Sugawara Y, Kayama S, Kawakami S, Yahara K, Sugai M.	Genetic and phenotypic characterizations of IncX3 plasmids harboring <i>bla</i> _{NDM-5} and <i>bla</i> _{NDM-16b} in Japan.	Microbiol Spectr.	11(6)	e0216723	2023

Hosaka Y, Muraki Y, Kajihara T, Kawakami S, Hirabayashi A, Shimojima M, Ohge H, <u>Sugai M</u> , Yahara K.	Antimicrobial use and combination of resistance phenotypes in bacteraemic <i>Escherichia coli</i> in primary care: a study based on Japanese national data in 2018.	Journal of Antimicrobial Chemotherapy	79(2)	312-319	2023
Kayama S, Yahara K, Sugawara Y, Kawakami S, Kondo K, Zuo H, Kutsuno S, Kitamura N, Hirabayashi A, Kajihara T, Kurosu H, Yu L, Suzuki M, Hisatsune J, <u>Sugai M</u> .	National genomic surveillance integrating standardized quantitative susceptibility testing clarifies antimicrobial resistance in Enterobacterales.	Nat Commun.	14(1)	8046	2023
Xedzro C, Shimamoto T, Yu L, Zuo H, Sugawara Y, <u>Sugai M</u> , Shimamoto T.	Emergence of colistin-resistant <i>Enterobacter cloacae</i> and <i>Raoultella ornithinolytica</i> carrying the phosphoethanolamine transferase gene, <i>mcr-9</i> , derived from vegetables in Japan.	Microbiol Spectr.	11(6)	e0106323	2023
Sugai K, Kawada-Matsuo M, Le N-T, Sugawara Y, Hisatsune J, Fujiki J, Iwano H, Tanimoto K, <u>Sugai M</u> , Kommatsuzawa H.	Isolation of <i>Streptococcus mutans</i> temperate bacteriophage with broad killing activity to <i>S. mutans</i> clinical isolates.	iScience	26(12)	108465	2023
Kusaka S, Haruta A, Kawada-Matsuo M, Le N-T, Yoshikawa M, Kajihara T, Yahara K, Hisatsune J, Nomura R, Tsuga K, Ohge H, <u>Sugai M</u> , Komatsuzawa H.	Oral and rectal colonization of methicillin-resistant <i>Staphylococcus aureus</i> in long-term care facility residents and their association with clinical status.	Microbiol Immunol.	68(3)	75-89	2023
Kitamura N, Kajihara T, Volpiano C-G, Naung M, Meric G, Hirabayashi A, Yano Y, Yamamoto M, Yoshida F, Kobayashi K, Yamanashi M, Kawamura T, Matsunaga N, Okochi J, <u>Sugai M</u> , Yahara K.	Exploring the effects of antimicrobial treatment on the gut and oral microbiomes and resistomes from elderly long-term care facility residents via shotgun DNA sequencing.	Microb Genom.	10(2)	001180	2024

Sato'o Y, Hisatune J, Aziz F, Tatsukawa N, Shibata-Nakagawa M, Ono K H, Naito I, Omome K, <u>Sugai M.</u>	Coordination of prophage and global regulator leads to high enterotoxin production in staphylococcal food poisoning-associated lineage.	Microbiol spectr	12(3)	e02927-23	2024
Ikenoue C, Matsui M, Inamine Y, Yoneoka D, <u>Sugai M.</u> , Suzuki S.	The importance of meropenem resistance, rather than imipenem resistance, in defining carbapenem-resistant Enterobacterales for public health surveillance: an analysis of national population-based surveillance.	BMC Infect Dis.	24(1)	209	2024
Hirabayashi A, Yahara K, Oka K, Kajihara T, Ohkura T, Hosaka Y, Shibayama K, <u>Sugai M.</u> , Yagi T.	Comparison of disease and economic burden between MRSA infection and MRSA colonization in a university hospital: a retrospective data integration study.	Antimicrobia l Resistance & Infection Control.	13(27)	1-10	2024
Hayashi W, Kaiju H, Kayama S, Yu L, Zuo H, Sugawara Y, Azuma K, Takahashi A, Hata Y, <u>Sugai M.</u>	Complete sequence of carbapenem-resistant <i>Ralstonia mannitolilytica</i> clinical isolate co-producing novel class D β -lactamase OXA-1176 and OXA-1177 in Japan.	Microbiol Spectr.	12(4)	e0391923	2024
Yano H, Hayashi W, Kawakami S, Aoki S, Anzai E, Kitamura N, Hirabayashi A, Kajihara T, Kayama S, Sugawara Y, Yahara K, <u>Sugai M.</u>	Nationwide genome surveillance of carbapenem-resistant <i>Pseudomonas aeruginosa</i> in Japan.	Antimicrob Agents Chemother.	68(5)	e0166923	2024
Segawa T, Masuda K, Hisatsune J, Ishida-Kuroki K, Sugawara Y, Kuwabara M, Nishikawa H, Hiratsuka T, Aota T, Tao Y, Iwahashi Y, Ueda K, Mae K, Masumoto K, Kitagawa H, Komatsuzawa H, Ohge H, <u>Sugai M.</u>	Genomic analysis of inter-hospital transmission of vancomycin-resistant <i>Enterococcus faecium</i> sequence type 80 isolated during an outbreak in Hiroshima, Japan.	Antimicrob Agents Chemother.	68(5)	e0171623	2024