

Items of interest from the literature

Items of interest from the literature (PubMed 17/10/2024 to 22/01/2025)

Bacillus cereus

[Organic vs. Conventional Milk: Uncovering the Link to Antibiotic Resistance in *Bacillus cereus* sensu lato.](#)

Bartoszewicz M, Czyżewska U, Zambrzycka M, Święcicka I.

Int J Mol Sci. 2024 Dec 17;25(24):13528. doi: 10.3390/ijms252413528.

PMID: 39769288 Free PMC article.

[Prevalence Trends of Foodborne Pathogens *Bacillus cereus*, Non-STE *C* *Escherichia coli* and *Staphylococcus aureus* in Ready-to-Eat Foods Sourced from Restaurants, Cafés, Catering and Takeaway Food Premises.](#)

Foxcroft N, Masaka E, Oosthuizen J.

Int J Environ Res Public Health. 2024 Oct 27;21(11):1426. doi: 10.3390/ijerph21111426.

PMID: 39595693 Free PMC article.

[Role of water activity on sporulation traits and resistance to 915 MHz microwave in the emetic type of *Bacillus cereus* on rice.](#)

Kang SY, Lee JI, Kang DH.

Food Res Int. 2024 Nov;196:115018. doi: 10.1016/j.foodres.2024.115018. Epub 2024 Sep 2.

PMID: 39614540

[Potential Virulence and Survival of Acid-Resistant Bacillus cereus KS100Bc Isolated from Foodservice Establishments in Korea.](#)

Kim SM, Hwang D, Kim HJ.

J Food Prot. 2025 Jan 2;88(1):100421. doi: 10.1016/j.jfp.2024.100421. Epub 2024 Nov 28.

PMID: 39613030

[Variation in heat resistance and biofilm formation of Bacillus cereus spores in various fermented soybean foods.](#)

Kim S, Mah JH.

Int J Food Microbiol. 2025 Jan 16;427:110939. doi: 10.1016/j.ijfoodmicro.2024.110939. Epub 2024 Oct 16.

PMID: 39437681

[Characterization of toxigenic genes of Bacillus cereus strains isolated from different spices sold in Algeria.](#)

Madouri R, Ziane M, Benaceur F, Cufaoglu G.

Braz J Microbiol. 2024 Dec;55(4):3495-3501. doi: 10.1007/s42770-024-01514-8. Epub 2024 Sep 13.

PMID: 39269638

Campylobacter

[A Case of Food Poisoning Caused by *Campylobacter jejuni* after the Ingestion of Undercooked Chicken Meal with Subsequent Development of Guillain-Barré Syndrome.](#)

Akase S, Obata H, Okada W, Saiki D, Konishi N, Yokoyama K, Sadamasu K.

Jpn J Infect Dis. 2024 Nov 21;77(6):353-355. doi: 10.7883/yoken.JJID.2024.108. Epub 2024 Jun 28.

PMID: 38945857

[*Campylobacter* Diversity Along the Farm-to-Fork Continuum of Pastured Poultry Flocks in the Southeastern United States.](#)

Al Hakeem WG, Oladeinde A, Li X, Cho S, Kassem II, Rothrock MJ Jr.

Zoonoses Public Health. 2025 Feb;72(1):55-64. doi: 10.1111/zph.13184. Epub 2024 Oct 2.

PMID: 39358927 Free PMC article.

[Genomic diversity of *Campylobacter jejuni* and *Campylobacter coli* isolates recovered from human and poultry in Australia and New Zealand, 2017 to 2019.](#)

Cribb DM, Biggs PJ, McLure AT, Wallace RL, French NP, Glass K, Kirk MD.

Microb Genom. 2024 Nov;10(11). doi: 10.1099/mgen.0.001319.

PMID: 39499243

[Reducing antimicrobial use in livestock alone may be not sufficient to reduce antimicrobial resistance among human *Campylobacter* infections: an ecological study in the Netherlands.](#)

Deng H, Chanamé Pinedo LE, Meijs AP, Sanders P, Veldman KT, Brouwer MSM, Wieke AK, Wullings B; ISIS-AR Study Group; van den Beld MJC, de Greeff SC, Dierikx CM, van Duijkeren E, Franz E, Mughini-Gras L, Pijnacker R.

Epidemiol Infect. 2024 Nov 27;152:e148. doi: 10.1017/S0950268824001511.

PMID: 39601656 Free PMC article.

[Campylobacter spp. in chicken meat from traditional markets in Peru and its impact measured through a quantitative microbiological risk assessment.](#)

Gonzales BL, Ho-Palma AC, Andrade DA, Antay C, Valdivia-Carrera CA, Crotta M, Limon G, Gonzalez A, Guitian J, Gonzales-Gustavson E.

Food Res Int. 2025 Jan;200:115424. doi: 10.1016/j.foodres.2024.115424. Epub 2024 Nov 27.

PMID: 39779164

[Investigating the Potential of L\(+\)-Lactic Acid as a Green Inhibitor and Eradicator of a Dual-Species *Campylobacter* spp. Biofilm Formed on Food Processing Model Surfaces.](#)

Kostoglou D, Apostolopoulou M, Lagou A, Didos S, Argiriou A, Giaouris E.

Microorganisms. 2024 Oct 23;12(11):2124. doi: 10.3390/microorganisms12112124.

PMID: 39597514 Free PMC article.

[Application of a liposomal subunit vaccine in chickens for reduction of *Campylobacter* gut colonisation.](#)

Łasica A, Godlewska R, Gubernator J, Jakubiak-Augustyn A, Majewski P, Wszyńska A.

J Vet Res. 2024 Nov 6;68(4):487-496. doi: 10.2478/jvetres-2024-0062. eCollection 2024 Dec.

PMID: 39776683 Free PMC article.

[Added insult to injury? The response of meat-associated pathogens to proposed antimicrobial interventions.](#)

Marmion M, Macori G, Barroug S, Soro AB, Bourke P, Tiwari BK, Whyte P, Scannell AGM.

Appl Microbiol Biotechnol. 2024 Dec;108(1):87. doi: 10.1007/s00253-023-12849-x. Epub 2024 Jan 8.

PMID: 38189954 Free PMC article.

[Occurrence of Campylobacter, Listeria monocytogenes, and extended-spectrum beta-lactamase Escherichia coli in slaughterhouses before and after cleaning and disinfection.](#)

Moazzami M, Bergenkvist E, Boqvist S, Frosth S, Langsrud S, Møretrø T, Vågsholm I, Hansson I.

Food Microbiol. 2025 Jan;125:104639. doi: 10.1016/j.fm.2024.104639. Epub 2024 Sep 11.

PMID: 39448150

[Prevalence and molecular characterization of Campylobacter spp. isolated from chicken, beef, pork and sheep livers at Irish abattoirs.](#)

Prendergast DM, O'Keeffe R, Johnston D, McLernon J, Power F, Byrne B, Gutierrez M.

Int J Food Microbiol. 2024 Dec 18;430:111029. doi: 10.1016/j.ijfoodmicro.2024.111029. Online ahead of print.

PMID: 39709889

[Investigation of the Antimicrobial Resistance of Important Pathogens Isolated from Poultry from 2015 to 2023 in the United States.](#)

Wang AT, Tang L, Gao A, Zhang E, Huang G, Shen J, Jia Q, Huang Z.

Pathogens. 2024 Oct 22;13(11):919. doi: 10.3390/pathogens13110919.

PMID: 39599473 Free PMC article.

[Molecular typing and antimicrobial susceptibility profiles of Campylobacter jejuni and Campylobacter coli Isolates from Patients and raw meat in Huzhou, China, 2021-2022.](#)

Wu X, Liping C, Dong F, Yan W, Shen Y, Ji L.

PLoS One. 2024 Dec 11;19(12):e0311769. doi: 10.1371/journal.pone.0311769.
eCollection 2024.

PMID: 39661622 Free PMC article.

[Application of a novel phage vB_CjeM_WX1 to control Campylobacter jejuni in foods.](#)

Xiao K, Pan Q, Wu Y, Ding Y, Wu Q, Zhang J, Wang Z, Liu Z, Wang W, Wang J.

Int J Food Microbiol. 2025 Jan 16;427:110975. doi:
10.1016/j.ijfoodmicro.2024.110975. Epub 2024 Nov 10.

PMID: 39550792

[Identification and antimicrobial susceptibility profiles of Campylobacter isolated from camel at municipal abattoirs in eastern Ethiopia.](#)

Yirgalem M, Kemal J, Wolkaro T, Bekele M, Terefe Y.

Sci Rep. 2024 Nov 1;14(1):26335. doi: 10.1038/s41598-024-76895-9.

PMID: 39487173 Free PMC article.

Clostridium botulinum, Clostridium perfringens and Clostridium difficile

[The antimicrobial resistance profile in poultry of Central and Southern India is evolving with distinct features.](#)

Aseem A, Sagar P, Reddy NS, Veleri S.

Comp Immunol Microbiol Infect Dis. 2024 Nov;114:102255. doi: 10.1016/j.cimid.2024.102255. Epub 2024 Oct 16.

PMID: 39432940

[Genomic Diversity and Virulence Factors of *Clostridium perfringens* Isolated from Healthy and Necrotic Enteritis-Affected Broiler Chicken Farms in Quebec Province.](#)

Heidarpanah S, Li K, Thibodeau A, Meniaï I, Parreira VR, Quessy S, Segura M, Fittipaldi N, Gaucher ML.

Microorganisms. 2024 Dec 18;12(12):2624. doi: 10.3390/microorganisms12122624.

PMID: 39770825 Free PMC article.

[Contamination of Japanese Retail Foods With Enterotoxigenic *Clostridium Perfringens* Spores.](#)

Ohnishi T, Watanabe M, Yodotani Y, Nishizato E, Araki S, Sasaki S, Hara-Kudo Y, Kojima Y, Misawa N, Okabe N.

J Food Prot. 2025 Jan 2;88(1):100429. doi: 10.1016/j.jfp.2024.100429. Epub 2024 Dec 9.

PMID: 39662735

[Distribution of *Clostridioides difficile* ribotypes and sequence types across humans, animals and food in 13 European countries.](#)

Rupnik M, Viprey V, Janezic S, Tkalec V, Davis G, Sente B, Devos N, Muller BH, Santiago-Allexant E, Cleuziat P, Wilcox M, Davies K; COMBACTE-CDI consortium.

Emerg Microbes Infect. 2024 Dec;13(1):2427804. doi: 10.1080/22221751.2024.2427804. Epub 2024 Nov 27.

PMID: 39535868 Free PMC article.

[Etiological characteristics and whole genome sequence analysis of *Clostridium perfringens* causing a food poisoning outbreak.](#)

Yi Y, Guo K, Xiao H, Zhou T, Zhang Y, Liu XL.

Zhonghua Yu Fang Yi Xue Za Zhi. 2024 Nov 6;58(11):1789-1795. doi: 10.3760/cma.j.cn112150-20240419-00325.

PMID: 39537421 Chinese.

E. coli O157, STEC, VTEC

[Reasons for difficulties in isolating the causative organism during food-borne outbreak investigations using STEC as a model pathogen: a systematic review, 2000 to 2019.](#)

Anthony C, Pearson K, Callaby R, Allison L, Jenkins C, Smith-Palmer A, James M.

Euro Surveill. 2024 Dec;29(49):2400193. doi: 10.2807/1560-7917.ES.2024.29.49.2400193.

PMID: 39639814 Free PMC article.

[Prevalence of antibiotic-resistant enterobacteriaceae in domestic wastewater and associated health risks in reuse practices.](#)

Cangola J, Abagale FK, Cobbina SJ, Osei RA.

Int J Hyg Environ Health. 2025 Jan;263:114478. doi: 10.1016/j.ijheh.2024.114478. Epub 2024 Oct 5.

PMID: 39369488

[Virulent Bacteriophages for Controlling Shiga Toxin-Producing Escherichia coli \(STEC\) Without Inducing Toxin Production.](#)

Cho E, Kim J, Won T, Ryu S, Jeon B.

J Infect Dis. 2025 Jan 18:jiaf035. doi: 10.1093/infdis/jiaf035. Online ahead of print.

PMID: 39827472

[Commercial bacteriophage preparations for the control of Listeria monocytogenes and Shiga toxin-producing Escherichia coli in raw and pasteurized milk.](#)

Everhart E, Carson S, Atkinson K, D'Amico DJ.

Food Microbiol. 2025 Jan;125:104652. doi: 10.1016/j.fm.2024.104652. Epub 2024 Oct 5.

PMID: 39448162

[An outbreak of Shiga toxin-producing Escherichia coli serotype O103:H2 associated with unpasteurized soft cheese, England and Wales, 2022.](#)

Heinsbroek E, Blakey E, Simpson A, Verlander NQ, Greig DR, Jorgensen F, Nelson A, Douglas A, Balasegaram S, Jenkins C, Elson R.

Epidemiol Infect. 2025 Jan 22;152:e172. doi: 10.1017/S0950268824001523.

PMID: 39840652

[Epidemiology of Shiga toxin-producing *Escherichia coli* other than serotype O157:H7 in England, 2016-2023.](#)

King G, Jenkins C, Hayden I, Rodwell EV, Quinn O, Godbole G, Douglas A, Sawyer C, Balasegaram S.

J Med Microbiol. 2025 Jan;74(1):001947. doi: 10.1099/jmm.0.001947.

PMID: 39791999 Free PMC article.

[Virulent shiga toxin-producing *Escherichia coli* \(STEC\) O157:H7 ST11 isolated from ground beef in Brazil.](#)

Lucatelli A, Monte DFM, Alvares PP, Guth BEC, Destro MT, Franco BDGM, Landgraf M.

Braz J Microbiol. 2024 Dec;55(4):3513-3520. doi: 10.1007/s42770-024-01468-x. Epub 2024 Jul 31.

PMID: 39083224

[Molecular characterization and safety properties of multi drug-resistant *Escherichia coli* O157:H7 bacteriophages.](#)

Oluwarinde BO, Ajose DJ, Abolarinwa TO, Montso PK, Njom HA, Ateba CN.

BMC Microbiol. 2024 Dec 19;24(1):528. doi: 10.1186/s12866-024-03691-w.

PMID: 39695941 Free PMC article.

[Isolation and molecular characterization of Shiga toxin-producing *Escherichia coli* \(STEC\) from bovine and porcine carcasses in Poland during 2019-2023 and comparison with strains from years 2014-2018.](#)

Osek J, Wieczorek K.

Int J Food Microbiol. 2025 Jan 30;428:110983. doi: 10.1016/j.ijfoodmicro.2024.110983. Epub 2024 Nov 16.

PMID: 39566378

[Variability in the acid adaptation of ten different O157:H7 and non-O157 *Escherichia coli* strains in orange juice and the impact on UV radiation resistance.](#)

Oteiza JM, Prado-Silva LD, Caturla MYR, Barril PA, Giannuzzi L, Sant'Ana AS.

Food Microbiol. 2024 Dec;124:104610. doi: 10.1016/j.fm.2024.104610. Epub 2024 Jul 26.

PMID: 39244362

[National outbreak of Shiga toxin-producing *Escherichia coli* O145:H28 associated with pre-packed sandwiches, United Kingdom, May-June 2024.](#)

Quinn O, Yanshi, King G, Hoban A, Sawyer C, Douglas A, Painset A, Charlett A, Nelson A, Rees C, Byers C, Williams C, Brown C, Mohan K, Brown C, Jenkins C, Neill C, Leckenby G, Larkin L, Allison L, Olufon O, Nickbakhsh S, Mannes T, Inns T, Balasegaram S.

Epidemiol Infect. 2024 Dec 27;152:e179. doi: 10.1017/S0950268824001729.

PMID: 39725659 Free PMC article.

[First report and genomic characterization of *Escherichia coli* O111:H12 serotype from raw mussels in Türkiye.](#)

Yibar A, Ajmi N, Duman M.

BMC Genomics. 2024 Nov 1;25(1):1027. doi: 10.1186/s12864-024-10945-4.

PMID: 39487414 Free PMC article.

[Genomic analysis, culturing optimization, and characterization of *Escherichia* bacteriophage OSYSP, previously studied as effective pathogen control on fresh produce.](#)

Yesil M, Huang E, Yang X, Yousef AE.

Front Microbiol. 2024 Dec 9;15:1486333. doi: 10.3389/fmicb.2024.1486333. eCollection 2024.

PMID: 39717272 Free PMC article.

[Molecular Detection of Shiga Toxin-Producing *Escherichia coli* O177 Isolates, Their Antibiotic Resistance, and Virulence Profiles From Broiler Chickens.](#)

Ramatla T, Motlhaping T, Ndlovu N, Mileng K, Howard J, Khasapane G, Ramaili T, Mokgokong P, Nkhebenyane J, Ndou R, Lekota K, Thekiso O.

Int J Microbiol. 2024 Dec 4;2024:9778058. doi: 10.1155/ijm/9778058. eCollection 2024.

PMID: 39665069 Free PMC article.

Listeria monocytogenes

[*Listeria monocytogenes* in Fruits and Vegetables: Antimicrobial Resistance, Biofilm, and Genomic Insights.](#)

Avila-Novoa MG, Solis-Velazquez OA, Guerrero-Medina PJ, Martínez-Chávez L, Martínez-González NE, Gutiérrez-Lomelí M.

Antibiotics (Basel). 2024 Nov 3;13(11):1039. doi: 10.3390/antibiotics13111039.

PMID: 39596734 Free PMC article.

[Challenges and opportunities for risk- and systems-based control of *Listeria monocytogenes* transmission through food.](#)

Belias A, Bolten S, Wiedmann M.

Compr Rev Food Sci Food Saf. 2024 Nov;23(6):e70071. doi: 10.1111/1541-4337.70071.

PMID: 39610177 Free PMC article. Review.

[Utilizing whole-genome sequencing to characterize *Listeria* spp. persistence and transmission patterns in a farmstead dairy processing facility and its associated farm environment.](#)

Bolten S, Ralyea RD, Lott TT, Orsi RH, Martin NH, Wiedmann M, Trmcic A.

J Dairy Sci. 2024 Nov;107(11):9036-9053. doi: 10.3168/jds.2024-24789. Epub 2024 Jul 14.

PMID: 39004131

[Preparation Methods and Perceived Risk of Foodborne Illness Among Consumers of Prepackaged Frozen Vegetables - United States, September 2022.](#)

Canning M, Ablan M, Crawford TN, Conrad A, Busbee A, Robyn M, Marshall KE.

J Food Prot. 2024 Dec 20;88(2):100440. doi: 10.1016/j.jfp.2024.100440. Online ahead of print.

PMID: 39710327

[Microbial composition and dynamics in environmental samples from a ready-to-eat food production facility with a long-term colonization of *Listeria monocytogenes*.](#)

Diaz M, Aird H, Le Viet T, Gutiérrez AV, Larke-Mejia N, Omelchenko O, Moragues-Solanas L, Fritscher J, Som N, McLauchlin J, Hildebrand F, Jørgensen F, Gilmour M.

Food Microbiol. 2025 Jan;125:104649. doi: 10.1016/j.fm.2024.104649. Epub 2024 Oct 5.

PMID: 39448159

[Variability in cadmium tolerance of closely related *Listeria monocytogenes* isolates originating from dairy processing environments.](#)

Domen A, Porter J, Johnson J, Molyneux J, McIntyre L, Kovacevic J, Waite-Cusic J.

Appl Environ Microbiol. 2024 Nov 21:e0128124. doi: 10.1128/aem.01281-24.
Online ahead of print.

PMID: 39570037

[Antimicrobial nanoparticle-containing food packaging films for controlling *Listeria* spp.: An overview.](#)

Furlaneto MC, Furlaneto-Maia L.

Int J Food Microbiol. 2025 Jan 16;427:110959. doi:
10.1016/j.ijfoodmicro.2024.110959. Epub 2024 Nov 1.

PMID: 39515137 Review.

[A Quantitative Risk Assessment Model for *Listeria monocytogenes* in Non-Ready-to-Eat Frozen Vegetables.](#)

Gonzales-Barron U, Pouillot R, De Oliveira Mota J, Hasegawa A, Allende A, Dong Q, Stasiewicz MJ, Kovacevic J, Cadavez V, Guillier L, Sanaa M.

Foods. 2024 Nov 12;13(22):3610. doi: 10.3390/foods13223610.

PMID: 39594027 Free PMC article.

[A Quantitative Risk Assessment Model for *Listeria monocytogenes* in Ready-to-Eat Smoked and Gravád Fish.](#)

Gonzales-Barron U, Pouillot R, Skjerdal T, Carrasco E, Teixeira P, Stasiewicz MJ, Hasegawa A, De Oliveira Mota J, Guillier L, Cadavez V, Sanaa M.

Foods. 2024 Nov 27;13(23):3831. doi: 10.3390/foods13233831.

PMID: 39682903 Free PMC article.

[Predictive Model for *Listeria monocytogenes* in RTE Meats Using Exclusive Food Matrix Data.](#)

Gowda NAN, Singh M, Lommerse G, Kumar S, Heintz E, Subbiah J.

Foods. 2024 Dec 6;13(23):3948. doi: 10.3390/foods13233948.

PMID: 39683019 Free PMC article.

[Impact of Storage Conditions on *Salmonella enterica* and *Listeria monocytogenes* in Pre- and Post-Printed 3D Food Ink.](#)

Hamilton AN, Gibson KE.

J Food Prot. 2025 Jan 2;88(1):100409. doi: 10.1016/j.jfp.2024.100409. Epub 2024 Nov 17.

PMID: 39551263

[Prevalence of *Listeria monocytogenes* and *Listeria* species and associated risk factors for contamination of milk and cottage cheese along the value chains in Ethiopia.](#)

Hassen A, Keba A, Ebrai MS, Mamo H, Geleta TK, Tessema TS, Vipham J, Kovac J, Zewdu A.

Int J Food Microbiol. 2025 Feb 2;429:111021. doi: 10.1016/j.ijfoodmicro.2024.111021. Epub 2024 Dec 13.

PMID: 39689567

[Genomic Insights into Antibiotic Resistance and Virulence of *Listeria Monocytogenes* Isolated from Chongqing, China.](#)

He Y, Luo Z, Deng H, Chen Q, Luo Y, Li Z, Tang W, Ling H.

Foodborne Pathog Dis. 2024 Dec 4. doi: 10.1089/fpd.2024.0085. Online ahead of print.

PMID: 39630542

[Multilocus Sequence Typing and Antimicrobial Susceptibility of *Listeria monocytogenes* Isolated from Foods Surveyed in Kosovo.](#)

Jashari B, Stessl B, Félix B, Cana A, Bisha B, Jankuloski D, Blagoevska K, Kayode AJ.

Microorganisms. 2024 Nov 27;12(12):2441. doi: 10.3390/microorganisms12122441.

PMID: 39770647 Free PMC article.

[pLM33 provides tolerance of persistent *Listeria monocytogenes* ST5 to various stress conditions and also enhances its virulence.](#)

Liu X, Shi T, Li J, Wu H, Zhao Q, Fang Z, Liang Y, Xiao Q, Chen M, Dong Q, Zhang H.

Food Microbiol. 2025 Mar;126:104675. doi: 10.1016/j.fm.2024.104675. Epub 2024 Oct 28.

PMID: 39638448

[Adaptive strategies of *Listeria monocytogenes*: An in-depth analysis of the virulent strain involved in an outbreak in Italy through quantitative proteomics.](#)

Luciani M, Krasteva I, Schirone M, D'Onofrio F, Iannetti L, Torresi M, Di Pancrazio C, Perletta F, Valentinuzzi S, Tittarelli M, Pomilio F, D'Alterio N, Paparella A, Del Boccio P.

Int J Food Microbiol. 2025 Jan 16;427:110951. doi: 10.1016/j.ijfoodmicro.2024.110951. Epub 2024 Oct 28.

PMID: 39486093

[*Listeria monocytogenes*, *Salmonella* spp., and *Staphylococcus aureus*: Threats to the Food Industry and Public Health.](#)

Mantovam VB, Dos Santos DF, Giola Junior LC, Landgraf M, Pinto UM, Todorov SD.

Foodborne Pathog Dis. 2025 Jan 6. doi: 10.1089/fpd.2024.0124. Online ahead of print.

PMID: 39761068 Review.

[Source attribution of *Listeria monocytogenes* in the Netherlands.](#)

Mughini-Gras L, Paganini JA, Guo R, Coipan CE, Friesema IHM, van Hoek AHAM, van den Beld M, Kuiling S, Bergval I, Wullings B, van der Voort M, Franz E, Dallman TJ.

Int J Food Microbiol. 2025 Jan 16;427:110953. doi: 10.1016/j.ijfoodmicro.2024.110953. Epub 2024 Oct 29.

PMID: 39500210

[Risk factors associated with food consumption and food-handling habits for sporadic listeriosis: a case-control study in China from 2013 to 2022.](#)

Niu Y, Li W, Xu B, Chen W, Qi X, Zhou Y, Fu P, Ma X, Guo Y.

Emerg Microbes Infect. 2024 Dec;13(1):2307520. doi: 10.1080/22221751.2024.2307520. Epub 2024 Feb 11.

PMID: 38341870 Free PMC article.

[Occurrence, Antibiotic Resistance and Biofilm-Forming Ability of *Listeria monocytogenes* in Chicken Carcasses and Cuts.](#)

Panera-Martínez S, Capita R, Pedriza-González Á, Díez-Moura M, Riesco-Peláez F, Alonso-Calleja C.

Foods. 2024 Nov 27;13(23):3822. doi: 10.3390/foods13233822.

PMID: 39682895 Free PMC article.

[Effects of Sub-Minimum Inhibitory Concentrations of Bacteriocin BM173 on *Listeria Monocytogenes* Biofilm Formation.](#)

Qiao Z, Guo X, Wang T, Wei J, Liu Y, Ma Y, Lü X.

Probiotics Antimicrob Proteins. 2024 Dec;16(6):2305-2315. doi: 10.1007/s12602-023-10192-1. Epub 2023 Nov 20.

PMID: 37982962

[Analysis of Method Performance for Quantitative Assessment of *Listeria monocytogenes* in Queso Fresco Cheese.](#)

Singh N, Reddy R, Hettwer K, Frost K, Kmet M, Uhlig S.

J Food Prot. 2025 Jan 13:100448. doi: 10.1016/j.jfp.2024.100448. Online ahead of print.

PMID: 39814183

[High-Pressure Processing Influences Antibiotic Resistance Gene Transfer in *Listeria monocytogenes* Isolated from Food and Processing Environments.](#)

Wiśniewski P, Chajęcka-Wierzchowska W, Zadernowska A.

Int J Mol Sci. 2024 Dec 2;25(23):12964. doi: 10.3390/ijms252312964.

PMID: 39684674 Free PMC article.

[A Listeriosis Case Associated with Ice Cream Consumption in China in 2019.](#)

Zhang X, Niu Y, Liu Y, Zhang P, Ma X.

Foodborne Pathog Dis. 2025 Jan 8. doi: 10.1089/fpd.2024.0009. Online ahead of print.

PMID: 39772657

Mycobacterium

[Complete genome sequence of a *Mycobacterium bovis* strain associated with a bovine tuberculosis outbreak on a cattle farm in Saskatchewan, Canada.](#)

Andrievskaia O, Garceac A, Lloyd D, Savic M, Duceppe M-O.

Microbiol Resour Announc. 2025 Jan 8:e0109024. doi: 10.1128/mra.01090-24.
Online ahead of print.

PMID: 39772894

[Prevalence of bovine paratuberculosis in Chinese cattle populations: a meta-analysis.](#)

Huiying Z, Mingfeng C, Wei C, Shuiyun C, Yuchen L, Honghai W, Xuelong C, Yanping Q.

Front Cell Infect Microbiol. 2024 Nov 21;14:1424170. doi:
10.3389/fcimb.2024.1424170. eCollection 2024.

PMID: 39639865 Free PMC article.

[Draft genome sequence of *Mycobacterium intracellulare* strain HYG9370 isolated from Japanese Black Cattle in Japan.](#)

Kawaguchi R, Ueno Y, Kurita K, Wako T, Mori Y, Ogawa Y.

Microbiol Resour Announc. 2025 Jan 16;14(1):e0094624. doi:
10.1128/mra.00946-24. Epub 2024 Dec 10.

PMID: 39655929 Free PMC article.

[Systematic review of knowledge, attitudes, and practices of dairy farmers and consumers towards bovine tuberculosis in low- and middle-income countries.](#)

Van Der Zwan A, Campbell PT, Shi N, De Bortoli N, Villanueva-Cabezas JP.

Prev Vet Med. 2024 Nov;232:106314. doi: 10.1016/j.prevetmed.2024.106314.
Epub 2024 Aug 14.

PMID: 39173212

Norovirus

[Seasonal Variability of Human Enteric Viruses Discovered in Food Production Mussels \(*Mytilus galloprovincialis*\) Farmed in the Central Adriatic Sea \(Italy\).](#)

Ferri G, Olivieri V, Olivastri A, Di Vittori C, Vergara A.

Foods. 2024 Oct 20;13(20):3329. doi: 10.3390/foods13203329.

PMID: 39456392 Free PMC article.

[Genomic characterization of noroviruses from an outbreak associated with oysters.](#)

Flint A, Harlow J, McLeod M, Blondin-Brosseau M, Weedmark K, Nasheri N.

Microbiol Spectr. 2025 Jan 10:e0258024. doi: 10.1128/spectrum.02580-24.
Online ahead of print.

PMID: 39792002

[The genetic diversity of genogroup I noroviruses causing acute gastroenteritis outbreaks in Beijing between 2014 and 2023.](#)

Hu X, Sun L, Han T, Zhao J, Qi X, Zhang Y, Lu P, Zhao J, Gao Y, Zhang Z, Li B, Du J, Jiao Y.

Heliyon. 2024 Oct 10;10(20):e39202. doi: 10.1016/j.heliyon.2024.e39202.
eCollection 2024 Oct 30.

PMID: 39640656 Free PMC article.

[Inactivation of murine norovirus and hepatitis A virus on various frozen fruits using pulsed light.](#)

Kim HJ, Jubinville E, Goulet-Beaulieu V, Jean J.

Int J Food Microbiol. 2024 Nov 2;424:110851. doi:
10.1016/j.ijfoodmicro.2024.110851. Epub 2024 Aug 2.

PMID: 39116463

[Comparing Two Seawater Temperatures For Human Norovirus Depuration From Oysters.](#)

Le Guyader FS, Ollivier J, Parnaudeau S, Gauffriau M, Papin M, Stavrakakis C, François V, Vincent-Hubert F, Garry P.

J Food Prot. 2025 Jan 2;88(1):100406. doi: 10.1016/j.jfp.2024.100406. Epub 2024 Nov 14.

PMID: 39547579

Salmonella

[Virulence Profiles of *Salmonella enterica* Isolated from Three Food Matrices Collected from Retail Markets.](#)

Alarcón Navas SV, Pereira Cardeño EM, Martínez MF, Ortiz Suárez NF, David Castro A, Martínez-Vega RA, Navarro Rosado M, González CI, Rincón Cruz G.

Foodborne Pathog Dis. 2024 Nov 11. doi: 10.1089/fpd.2024.0104. Online ahead of print.

PMID: 39527021

[Daily intake of household-produced milk kefir on *Salmonella* Typhimurium infection in C57BL/6 mice: mortality, microbiota modulation, and immunological implications.](#)

Albuquerque Pereira MF, Moraes de Ávila LG, Dos Santos Cruz BC, Almeida LF, Macedo Simões J, Campos Silva B, Pereira Aguilar A, de Oliveira LL, Vilela Gonçalves R, Ribon AOB, Mendes TAO, Gouveia Peluzio MDC.

J Appl Microbiol. 2024 Nov 4;135(11):lxae249. doi: 10.1093/jambio/lxae249.

PMID: 39317667

[Occurrence and antimicrobial susceptibility of *Salmonella enterica* in milk along the supply chain, humans, and the environment in Woliata Sodo, Ethiopia.](#)

Ayichew S, Zewdu A, Megerssa B, Sori T, Gutema FD.

BMC Microbiol. 2024 Dec 23;24(1):538. doi: 10.1186/s12866-024-03689-4.

PMID: 39716083 Free PMC article.

[Genetic engineering of *Salmonella* spp. for novel vaccine strategies and therapeutics.](#)

Bansal G, Ghanem M, Sears KT, Galen JE, Tennant SM.

EcoSal Plus. 2024 Dec 12;12(1):eesp00042023. doi: 10.1128/ecosalplus.esp-0004-2023. Epub 2024 Jul 18.

PMID: 39023252 Free PMC article. Review.

[Frequency and antibiotic resistance pattern of *Salmonella* spp. isolated from traditional dairies and raw milks collected in Yazd province, Iran.](#)

Barzegar-Bafrouei R, Hajimohammadi B, Zandi H, Eslami G, Fallahzadeh H.

Iran J Microbiol. 2024 Dec;16(6):755-762. doi: 10.18502/ijm.v16i6.17248.

PMID: 39737352 Free PMC article.

[Prevalence and Genomic Investigation of *Salmonella* Isolates Associated with Watermelons and Their Environmental Reservoirs in Bejaia, Algeria.](#)

Bellil Z, Meyer S, Tilloy V, Mairi A, De Champs C, Barraud O, Touati A.

Foodborne Pathog Dis. 2024 Dec;21(12):774-782. doi: 10.1089/fpd.2023.0045. Epub 2024 Mar 18.

PMID: 38502796

[Prevalence and Antibiotic Susceptibility of Nontyphoidal *Salmonella* from Food-Animal Products in Bejaia, Algeria.](#)

Bellil Z, Meyer S, Tilloy V, Mairi A, De Champs C, Barraud O, Touati A.

Foodborne Pathog Dis. 2024 Nov 25. doi: 10.1089/fpd.2024.0036. Online ahead of print.

PMID: 39582427

[Serovars, virulence factors, and antimicrobial resistance profile of non-typhoidal *Salmonella* in the human-dairy interface in Northwest Ethiopia: A one health approach.](#)

Beyene AM, Alemie Y, Gizachew M, Yousef AE, Dessalegn B, Bitew AB, Alemu A, Gobena W, Christian K, Gelaw B.

PLoS Negl Trop Dis. 2024 Nov 20;18(11):e0012646. doi: 10.1371/journal.pntd.0012646. eCollection 2024 Nov.

PMID: 39565761 Free PMC article.

[The Impact of Training Intervention on Levels of Indicator Bacteria and Prevalence of Selected Pathogens in Raw Milk From Smallholder Women Dairy Farmers in Central Ethiopia.](#)

Beyene AM, Nigatu S, Archila-Godinez JC, Amenu K, Kowalczyk B, Degefaw D, Mogess B, Gelaw B, Gizachew M, Mengistu A, Abdelhamid AG, Barkley J, Yousef A.

J Food Prot. 2024 Dec 28;88(2):100446. doi: 10.1016/j.jfp.2024.100446. Online ahead of print.

PMID: 39736324

[Innovative approaches to controlling Salmonella in the meat industry.](#)

Brashears MM, Jimenez RL, Portillo RM, Bueno R, Montoya BD, Echeverry A, Sanchez MX.

Meat Sci. 2025 Jan;219:109673. doi: 10.1016/j.meatsci.2024.109673. Epub 2024 Sep 23.

PMID: 39353366 Review.

[Evaluation of the potential of phage phSE-5 to fight Salmonella Typhimurium in milk, liquid whole egg, and eggshell.](#)

Braz M, Pereira C, Freire CSR, Almeida A.

J Appl Microbiol. 2025 Jan 6;136(1):lxaf008. doi: 10.1093/jambio/lxaf008.

PMID: 39794278

[Whole genome sequencing assisted outbreak investigation of Salmonella enteritidis, at a hospital in South Africa, September 2022.](#)

Brümmer B, Smith AM, Modise M, Thomas J, Mdose H, Mokoena R, Baleni D.

Access Microbiol. 2024 Nov 18;6(11):000835.v3. doi: 10.1099/acmi.0.000835.v3. eCollection 2024.

PMID: 39559262 Free PMC article.

[Multiple antibiotic resistance of Salmonella Infantis in the Peruvian poultry production chain: Detection in birds, the farming environment, and chicken carcasses.](#)

Davalos S, Santa-Cruz M, Condori R, Rodriguez J, Lucas JR.

Prev Vet Med. 2025 Jan;234:106364. doi: 10.1016/j.prevetmed.2024.106364. Epub 2024 Oct 25.

PMID: 39510009

[Genomic diversity of *Salmonella* Typhimurium and its monophasic variant in pig and pork production in France.](#)

De Sousa Violante M, Feurer C, Michel V, Romero K, Mallet L, Mistou M-Y, Cadel-Six S.

Microbiol Spectr. 2024 Nov 8;12(12):e0052624. doi: 10.1128/spectrum.00526-24. Online ahead of print.

PMID: 39513704 Free PMC article.

[Year-Long Prevalence and Antibiotic Resistance Profiles of *Salmonella enterica* Serogroups Isolated from a Wisconsin Dairy Farm.](#)

Deblois CL, Tu ADJ, Scheftgen AJ, Suen G.

Pathogens. 2024 Nov 22;13(12):1031. doi: 10.3390/pathogens13121031.

PMID: 39770291 Free PMC article.

[Long-term genomic surveillance reveals the circulation of clinically significant *Salmonella* in lymph nodes and beef trimmings from slaughter cattle from a Mexican feedlot.](#)

Delgado-Suárez EJ, García-Meneses AV, Ponce-Hernández EA, Ruíz-López FA, Hernández-Pérez CF, Ballesteros-Nova NE, Soberanis-Ramos O, Rubio-Lozano MS.

PLoS One. 2024 Oct 18;19(10):e0312275. doi: 10.1371/journal.pone.0312275. eCollection 2024.

PMID: 39423186 Free PMC article.

[A multi-provincial outbreak of *Salmonella* Newport infections associated with red onions: A report of the largest *Salmonella* outbreak in Canada in over 20 years - Corrigendum.](#)

Denich L, Cheng JM, Smith CR, Taylor M, Atkinson R, Boyd E, Chui L, Honish L, Isaac L, Kearney A, Liang JJ, Mah V, Manore AJW, McCormic ZD, Misfeldt C, Nadon C, Patel K, Sharma D, Todd A, Hexemer A.

Epidemiol Infect. 2024 Dec 10;152:e163. doi: 10.1017/S0950268824001614.

PMID: 39654469 Free PMC article. No abstract available.

[*Salmonella* Presence and Risk Mitigation in Pet Foods: A Growing Challenge with Implications for Human Health.](#)

Dhakal J, Cancio LPM, Deliephan A, Chaves BD, Tubene S.

Compr Rev Food Sci Food Saf. 2024 Nov;23(6):e70060. doi: 10.1111/1541-4337.70060.

PMID: 39530630 Free PMC article. Review.

[Virulence, multiple drug resistance, and biofilm-formation in *Salmonella* species isolated from layer, broiler, and dual-purpose indigenous chickens.](#)

Dlamini SB, Mlambo V, Mnisi CM, Ateba CN.

PLoS One. 2024 Oct 28;19(10):e0310010. doi: 10.1371/journal.pone.0310010. eCollection 2024.

PMID: 39466757 Free PMC article.

[Contamination Status and Serotypes Distribution of *Salmonella* in Food in Yantai City, China: A 14-Year Continuous Monitoring Study.](#)

Dong F, Wang G, Feng X, Gong C, Liu W, Wang S, Zhang Y, Huo Y, Chen Y, Wang H.

Foodborne Pathog Dis. 2025 Jan;22(1):15-23. doi: 10.1089/fpd.2024.0055. Epub 2024 Aug 9.

PMID: 39120981

[Evaluation of a Postbiotic on *Salmonella enterica* Prevalence, Serotype Diversity, and Antimicrobial Resistance in the Subiliac Lymph Nodes of Cull Dairy Cattle.](#)

Edache SE, Horton V, Dewsbury DM, George LA, Shi X, Nagaraja TG, Trujillo S, Algino R, Edrington TS, Renter DG, Cernicchiaro N.

J Food Prot. 2024 Dec;87(12):100375. doi: 10.1016/j.jfp.2024.100375. Epub 2024 Oct 9.

PMID: 39383949

[Risk factors for the introduction of *Salmonella* spp. serogroups B and D into Dutch dairy herds.](#)

Fabri ND, Santman-Berends IMGA, Weber MF, van Schaik G.

Prev Vet Med. 2024 Nov;232:106313. doi: 10.1016/j.prevetmed.2024.106313. Epub 2024 Aug 13.

PMID: 39180947

[An investigation of an outbreak of *Salmonella* Typhimurium infections linked to cantaloupe - United States, 2022.](#)

Federman SS, Jenkins E, Wilson C, DeLaGarza A, Schwensohn C, Schneider B, Nsubuga J, Literman R, Wellman A, Whitney BM, Bell RL, Harris-Garner K, McKenna C, Brillhart D, Cross M, Rueber K, Schlichte T, Oni K, Adams J, Crosby AJ, Bazaco MC, Gieraltowski L, Nolte K, Viazis S.

Food Control. 2024 Dec;166:110733. doi: 10.1016/j.foodcont.2024.110733. Epub 2024 Jul 15.

PMID: 39380968

[UV-C light-activated gallic acid and non-thermal technologies for inactivating *Salmonella* Typhimurium inoculated in aqueous solution and whole cow milk.](#)

Fernández-Hernández E, Sánchez-Sánchez M, Torres-Cifuentes DM, Hernández-Carranza P, Ruiz-López II, Ochoa-Velasco CE.

Int J Food Microbiol. 2025 Jan 16;427:110944. doi: 10.1016/j.ijfoodmicro.2024.110944. Epub 2024 Oct 20. PMID: 39442341

[Salmonellosis outbreak associated with the consumption of food at a wedding in an urban restaurant in Kazakhstan: a retrospective cohort study.](#)

Gazezova S, Nabirova D, Waltenburg M, Rakhimzhanova M, Smagul M, Kasabekova L, Horth R.

BMC Infect Dis. 2024 Dec 25;24(1):1464. doi: 10.1186/s12879-024-10382-4.

PMID: 39722008 Free PMC article.

[Complete genome sequence of *Salmonella enterica* bacteriophage SeKF_80, isolated from wastewater in British Columbia.](#)

Guy T, Harlton C, Wang S, Fong K.

Microbiol Resour Announc. 2024 Dec 19:e0103124. doi: 10.1128/mra.01031-24. Online ahead of print.

PMID: 39699208

[Prevalence and Characterization of *Salmonella* Species on U.S. Swine Sites as Part of the NAHMS 2021 Swine Enteric Study.](#)

Hempstead SC, Gensler CA, Haley CA, Wiedenheft AM, Robertson JB, Fedorka-Cray PJ, Jacob ME.

J Food Prot. 2024 Dec 17;88(2):100435. doi: 10.1016/j.jfp.2024.100435. Online ahead of print.

PMID: 39701448

[Estimating *Salmonella* Typhimurium Growth on Chicken Breast Fillets Under Simulated Less-Than-Truckload Dynamic Temperature Abuse.](#)

Herron CB, Tamplin M, Siddique A, Wu B, Black MT, Garner L, Huang TS, Rao S, Morey A.

Foodborne Pathog Dis. 2024 Nov;21(11):708-716. doi: 10.1089/fpd.2024.0018. Epub 2024 Jul 31.

PMID: 39082182

[Campylobacter species, Salmonella serotypes and ribosomal RNA-based fecal source tracking in the Kokemäki River watershed.](#)

Hokajärvi AM, Tiwari A, Räsänen P, Wessels L, Rankinen K, Juntunen J, Grootens RJF, Kuronen H, Vepsäläinen A, Miettinen IT, Huttula T, Pitkänen T.

Sci Total Environ. 2024 Dec 1;954:176559. doi: 10.1016/j.scitotenv.2024.176559. Epub 2024 Oct 1.

PMID: 39362549

[Prevalence of Salmonella spp. in meat, seafood, and leafy green vegetables from local markets and vegetable farms in Phnom Penh, Cambodia.](#)

Huoy L, Vuth S, Hoeng S, Chheang C, Yi P, San C, Chhim P, Thorn S, Ouch B, Put D, Aong L, Phan K, Nasirzadeh L, Tieng S, Bongcam-Rudloff E, Sternberg-Lewerin S, Boqvist S.

Food Microbiol. 2024 Dec;124:104614. doi: 10.1016/j.fm.2024.104614. Epub 2024 Jul 26.

PMID: 39244366

[An Outbreak Investigation of Salmonella Weltevreden Illnesses in the United States Linked to Frozen Precooked Shrimp Imported from India - 2021.](#)

Jenkins E, Cripe J, Whitney BM, Greenlee T, Schneider B, Nguyen TA, Pightling A, Manetas J, Abraham A, Fox T, Mickelsen N, Priddy C, McMullen S, Crosby A, Viazis S.

J Food Prot. 2024 Nov;87(11):100360. doi: 10.1016/j.jfp.2024.100360. Epub 2024 Sep 14.

PMID: 39284384

[Salmonella Phage vB_SpuM_X5: A Novel Approach to Reducing *Salmonella* Biofilms with Implications for Food Safety.](#)

Jin X, Sun X, Lu Q, Wang Z, Zhang Z, Ling X, Xu Y, Liang R, Yang J, Li L, Zhang T, Luo Q, Cheng G.

Microorganisms. 2024 Nov 22;12(12):2400. doi: 10.3390/microorganisms12122400.

PMID: 39770603 Free PMC article.

[Estimated reduction in human salmonellosis incidence in Canada from a new government requirement to reduce *Salmonella* in frozen breaded chicken products.](#)

Kanoatova S, Hurst M, Dougherty B, Dumoulin D, Silver HM, O'Neill L, Nesbitt A.

Epidemiol Infect. 2024 Dec 9;152:e162. doi: 10.1017/S0950268824001602.

PMID: 39648866 Free PMC article.

[Outbreak investigations of *Salmonella* and frozen raw breaded chicken: the mitigation of a significant public health issue in Canada.](#)

Kerr A, Smith CR, Kandar R, Kearney A, Chau K, Adhikari B, Cutler J, Galanis E, Gaulin C, Hamel M, Hobbs L, Kershaw T, Kirsch P, Mah V, McCormick R, Nesbitt A, Orr A, Smadi H, Taylor M, Hexemer A.

Epidemiol Infect. 2024 Dec 27;152:e180. doi: 10.1017/S0950268824001705.

PMID: 39725660 Free PMC article.

[Factors Affecting Growth and Survival of *Salmonella* in Onion Extracts and Onion Bulbs.](#)

Kiplagat E, Ramezani M, Malla S, Cisneros-Zevallos L, Joshi V, Castillo A.

Foods. 2024 Dec 24;14(1):1. doi: 10.3390/foods14010001.

PMID: 39796291 Free PMC article.

[The Combined Use of High Pressure Processing and Lactic Acid Containing Fermentate on Inactivation of Salmonella, Shiga Toxin-producing E. coli, and Listeria monocytogenes in Raw Pet Foods.](#)

Lee A, Maks-Warren N, Aguilar V, Swicegood B, Halik L, Warren J, O'Neill E, Meents J, Tejayadi S.

J Food Prot. 2024 Dec;87(12):100390. doi: 10.1016/j.jfp.2024.100390. Epub 2024 Oct 26.

PMID: 39490988

[Temperature cycling between 4 °C and 37 °C could reduce Salmonella viability in low-moisture foods.](#)

Lin Z, He S, Liang Z, Li D.

Int J Food Microbiol. 2025 Jan 30;428:110995. doi: 10.1016/j.ijfoodmicro.2024.110995. Epub 2024 Nov 26.

PMID: 39612661

[Genetically identified *Salmonella typhimurium* outbreak linked to a rural Butcher's Shop, February-March 2018, North East England.](#)

Love N, Painset A, Aird H, Coleman H, Sorrell S, Stoker C, Manley P, Wilson D.

Epidemiol Infect. 2024 Dec 5;152:e154. doi: 10.1017/S0950268824001547.

PMID: 39635860 Free PMC article.

[Inactivation and sublethal injury of Salmonella Typhimurium on beef and in aqueous solution treated with lactic acid.](#)

Man Y, Zhang M, Tang H, Wen R, Yang R, Mei L, Qi J, Dai R, Xiong G, Shao L.

Food Res Int. 2025 Jan;200:115472. doi: 10.1016/j.foodres.2024.115472. Epub 2024 Nov 30.

PMID: 39779123

[Evaluating two live-attenuated vaccines against *Salmonella enterica* serovar Reading in turkeys: reduced tissue colonization and cecal tonsil transcriptome responses.](#)

Monson MS, Gurung M, Bearson BL, Whelan SJ, Trachsel JM, Looft T, Sylte MJ, Bearson SMD.

Front Vet Sci. 2024 Dec 19;11:1502303. doi: 10.3389/fvets.2024.1502303. eCollection 2024.

PMID: 39748866 Free PMC article.

[Antibiotics' resistance profile of pathogens isolated from fish products sold in the city of Bangangté, Cameroon: Aqueous extracts from spices' formulations used as accompanying soup of braised fish as antimicrobial alternative.](#)

Mouafo HT, Pahane MM, Nana PA, Tsabet H, Sokamte AT, Noumo TN, Djuikoue IC, Ashu AM, Tchoumboungang F.

Heliyon. 2024 Nov 28;10(23):e40716. doi: 10.1016/j.heliyon.2024.e40716. eCollection 2024 Dec 15.

PMID: 39687158 Free PMC article.

[Pre-Harvest Non-Typhoidal *Salmonella* Control Strategies in Commercial Layer Chickens.](#)

Neelawala RN, Edison LK, Kariyawasam S.

Animals (Basel). 2024 Dec 11;14(24):3578. doi: 10.3390/ani14243578.

PMID: 39765482 Free PMC article. Review.

[Multinational investigation of a *Salmonella* Umbilo outbreak reveals rocket salad and baby spinach as the likely infection vehicles, Europe, 2024.](#)

Rosner BM, Simon S, Nielsen S, Köberl-Jelovcan S, Gymoese P, Werber D, Meinen A, Pietsch M, Flieger A, Fischer J, Lamparter MC, Küffel F, Költringer F, Kornschöber C, Müller L, Falkenhorst G, Maritschnik S.

Euro Surveill. 2024 Nov;29(46):2400728. doi: 10.2807/1560-7917.ES.2024.29.46.2400728.

PMID: 39544148 Free PMC article.

[Genomic Diversity and Potential Transmission and Persistence of *Salmonella* in the Cambodian Vegetable Supply Chain.](#)

Salazar A, Sreng N, Peng C, Fu Y, Nawrocki EM, Chung T, Vipham J, Dudley EG, Kovac J.

J Food Prot. 2025 Jan 4;88(2):100447. doi: 10.1016/j.jfp.2024.100447. Online ahead of print.

PMID: 39761794

[Niche-specific evolution and gene exchange of *Salmonella* in retail pork and chicken.](#)

Sheng H, Zhao L, Suo J, Yang Q, Cao C, Chen J, Cui G, Fan Y, Ma Y, Huo S, Wu X, Yang T, Cui X, Chen S, Cui S, Yang B.

Food Res Int. 2024 Dec;197(Pt 2):115299. doi: 10.1016/j.foodres.2024.115299. Epub 2024 Nov 3.

PMID: 39577948

[Evaluation of Multidrug Resistance of *Salmonella* Isolated from Pork Meat Obtained from Traditional Slaughter Systems in Romania.](#)

Tăbăran A, Dan SD, Colobașiu LM, Mihaiu M, Condor S, Mărgăoan R, Crișan-Reget OL.

Microorganisms. 2024 Oct 30;12(11):2196. doi: 10.3390/microorganisms12112196.

PMID: 39597585 Free PMC article.

[*Salmonella* pathogenicity Island 1 undergoes decay in serovars adapted to swine and poultry.](#)

Tambassi M, Berni M, Bracchi C, Menozzi I, Dodi A, Mazzerà L, Morganti M, Scaltriti E, Pongolini S.

Microbiol Spectr. 2025 Jan 7;13(1):e0264324. doi: 10.1128/spectrum.02643-24. Epub 2024 Dec 11.

PMID: 39660884 Free PMC article.

[*Salmonella* in black pepper \(*Piper nigrum*\): From farm to processing.](#)

Vinha MB, Moro LB, Lima IM, Nascimento MDSD, Pires GP, de Oliveira JP, Cassini STA.

Int J Food Microbiol. 2025 Jan 2;426:110921. doi: 10.1016/j.ijfoodmicro.2024.110921. Epub 2024 Sep 17.

PMID: 39332235

[Transfer of *Salmonella enterica* and *Enterococcus faecium* from food-contact surfaces to stone fruits.](#)

Xie Y, Long X, Nitin N, Harris LJ.

Int J Food Microbiol. 2025 Feb 2;429:111004. doi: 10.1016/j.ijfoodmicro.2024.111004. Epub 2024 Dec 5.

PMID: 39657371

[Multi-locus sequence typing of Salmonella enterica isolates from dog treats and raw meat-based dog food in Japan.](#)

Yukawa S, Morita M.

BMC Res Notes. 2024 Dec 19;17(1):366. doi: 10.1186/s13104-024-07014-0.

PMID: 39702536 Free PMC article.

Staphylococcus

[Improved ability to utilize lactose and grow in milk as a potential explanation for emergence of the novel bovine Staphylococcus aureus ST5477.](#)

Aarestrup FM, Hansen EB, Kumburu HH, Mzee T, Otani S.

Int J Med Microbiol. 2024 Dec;317:151637. doi: 10.1016/j.ijmm.2024.151637.
Epub 2024 Oct 11.

PMID: 39442481

[Characterization of methicillin resistant *Staphylococcus Aureus* in municipal wastewater in Finland.](#)

Al-Mustapha AI, Tiwari A, Johansson V, Heljanko V, Kirsi-Maarit L, Lipponen A, Oikarinen S, Pitkänen T, Heikinheimo A; WastPan Study Group.

One Health. 2024 Aug 21;19:100881. doi: 10.1016/j.onehlt.2024.100881.
eCollection 2024 Dec.

PMID: 39263321 Free PMC article.

[Antimicrobial Resistance and Public Health Risks Associated with Staphylococci Isolated from Raw and Processed Meat Products.](#)

Anas M, Lone SA, Malik A, Ahmad J.

Foodborne Pathog Dis. 2025 Jan;22(1):39-50. doi: 10.1089/fpd.2024.0081. Epub 2024 Sep 23.

PMID: 39308418

[Investigation of Various Toxigenic Genes and Antibiotic and Disinfectant Resistance Profiles of *Staphylococcus aureus* Originating from Raw Milk.](#)

Bayrakal GM, Aydin A.

Foods. 2024 Oct 29;13(21):3448. doi: 10.3390/foods13213448.

PMID: 39517232 Free PMC article.

[Characterization of Staphylococcus aureus isolated from milk samples for their virulence, biofilm, and antimicrobial resistance.](#)

Deepak SJ, Kannan P, Savariraj WR, Ayyasamy E, Tuticorin Maragatham Alagesan SK, Ravindran NB, Sundaram S, Mohanadasse NQ, Kang Q, Cull CA, Amachawadi RG.

Sci Rep. 2024 Oct 27;14(1):25635. doi: 10.1038/s41598-024-75076-y.

PMID: 39465266 Free PMC article.

[Methicillin- and vancomycin-resistant Staphylococcus aureus in chicken carcasses, ready-to-eat chicken meat sandwiches, and buffalo milk.](#)

Elshebrawy HA, Kasem NG, Sallam KI.

Int J Food Microbiol. 2025 Jan 16;427:110968. doi: 10.1016/j.ijfoodmicro.2024.110968. Epub 2024 Nov 9.

PMID: 39546899

[Prevalence, Risk Factors, and Antimicrobial Resistance of *Staphylococcus* and *Streptococcus* Species Isolated from Subclinical Bovine Mastitis.](#)

Farabi AA, Hossain H, Brishty KA, Rahman MH, Rahman M, Siddiqui MSI, Atikuzzaman M, Saleh A, Binsuwaidan R, Selim HMRM, Noreddin A, Helmy YA, Rahman MM, Barua H, El Zowalaty ME.

Foodborne Pathog Dis. 2024 Oct 31. doi: 10.1089/fpd.2024.0097. Online ahead of print.

PMID: 39479784

[*Staphylococcus aureus* and methicillin-resistant staphylococci and mammaliicocci in the bulk tank milk of dairy cows from a livestock-dense area in northern Italy.](#)

Fusar Poli S, Locatelli C, Monistero V, Freu G, Cremonesi P, Castiglioni B, Lecchi C, Longheu CM, Tola S, Guaraglia A, Allievi C, Villa L, Manfredi MT, Addis MF.

Res Vet Sci. 2025 Jan;182:105482. doi: 10.1016/j.rvsc.2024.105482. Epub 2024 Nov 26.

PMID: 39612737

[Pathogenic potential of meat-borne coagulase negative staphylococci strains from slaughterhouse to fork.](#)

Gundog DA, Ozkaya Y, Gungor C, Ertas Onmaz N, Gonulalan Z.

Int Microbiol. 2024 Dec;27(6):1781-1793. doi: 10.1007/s10123-024-00500-2. Epub 2024 Mar 23.

PMID: 38521888

[Etiology and antimicrobial resistance of subclinical mastitis pathogens *Staphylococcus aureus*, *Streptococcus* spp. and *Enterococcus* spp. in sheep milk.](#)

Iancu I, Igna V, Popa SA, Imre K, Pascu C, Costinar L, Degi J, Gligor A, Iorgoni V, Badea C, Nichita I, Herman V.

Vet Res Commun. 2024 Nov 22;49(1):30. doi: 10.1007/s11259-024-10579-7.

PMID: 39576396

[Prevalence of pathogens and antimicrobial resistance of isolated *Staphylococcus* spp. in bovine mastitis milk in South Korea, 2018-2022.](#)

Kang HJ, You JY, Hong S, Moon JS, Kim HY, Choi JH, Kim JM, Lee YJ, Kang HM.

J Vet Med Sci. 2024 Dec 1;86(12):1219-1226. doi: 10.1292/jvms.24-0239. Epub 2024 Oct 11.

PMID: 39401888 Free PMC article.

[Prevalence, Cross Contamination, Virulence, and Multidrug Resistance Profiles of *Staphylococcus aureus* Isolates from Four Middle-Scale Dairy Farms in Bareilly, Northern India.](#)

Khan JA, Ahmad I, Gill R, Husain FM, Albalawi T, Alam P, Kenea T, Gizaw O, Neyaz LA, Elbanna K, Abulreesh HH.

Foodborne Pathog Dis. 2024 Oct 28. doi: 10.1089/fpd.2024.0076. Online ahead of print.

PMID: 39463274

[Characterization of fusidic acid-resistant *Staphylococcus aureus* isolated from food animals during 2010-2021 in South Korea.](#)

Kim SJ, Ali MS, Kang HS, Moon BY, Hwang YJ, Yoon SS, Park SC, Lim SK.

Int J Food Microbiol. 2024 Dec 19;430:111026. doi: 10.1016/j.ijfoodmicro.2024.111026. Online ahead of print.

PMID: 39731987

[Phenotypic and Genotypic of Antimicrobial Resistance Profile of *Staphylococcus* spp. Isolated from Raw Milk and Artisanal Cheese.](#)

Melo FD, Peterle H, Sfaciotte RAP, Schneider MF, Parussolo L, Wosiacki SR, Costa UMD, Ferraz SM.

Foodborne Pathog Dis. 2025 Jan;22(1):24-30. doi: 10.1089/fpd.2024.0037. Epub 2024 Sep 5.

PMID: 39234784

[Antimicrobial Resistance Profiles of *Escherichia coli* and *Staphylococcus* spp. Isolated from Locally Produced Fish and Imported Fish Sold in the Centre Region of Cameroon.](#)

Moffo F, Ndebé MMF, Dah I, Nkolo EN, Ngom RV, Madjeue FN, Wade A, Tiomo H, Ngwa VN, Mouiche MMM.

J Food Prot. 2024 Dec;87(12):100377. doi: 10.1016/j.jfp.2024.100377. Epub 2024 Oct 17.

PMID: 39424103

[Combating foodborne pathogens: Efficacy of plasma-activated water with supplementary methods for *Staphylococcus aureus* eradication on chicken, and beef.](#)

Moonsub K, Seesuriyachan P, Boonyawan D, Rachtanapun P, Sawangrat C, Opassuwan T, Wattanutchariya W.

Food Chem X. 2024 Oct 16;24:101890. doi: 10.1016/j.fochx.2024.101890. eCollection 2024 Dec 30.

PMID: 39498257 Free PMC article.

[Development of Livestock-Associated Methicillin-Resistant *Staphylococcus aureus* \(LA-MRSA\) Loads in Pigs and Pig Stables During the Fattening Period.](#)

Pedersen K, Nielsen MW, Fertner ME, Espinosa-Gongora C, Bækbo P.

Vet Sci. 2024 Nov 11;11(11):558. doi: 10.3390/vetsci11110558.

PMID: 39591332 Free PMC article.

[Prevalence and Characterization of *Staphylococcus aureus* Isolated from Meat and Milk in Northeastern Italy.](#)

Pinamonti D, Manzano M, Maifreni M, Bianco S, Domi B, Ferrin A, Anba-Mondoloni J, Dechamps J, Briandet R, Vidic J.

J Food Prot. 2024 Dec 24;88(2):100442. doi: 10.1016/j.jfp.2024.100442. Online ahead of print.

PMID: 39725327

[Antibacterial Activity and Mechanism of Lauric Acid Against *Staphylococcus aureus* and Its Application in Infectious Cooked Chicken.](#)

Qingyan L, Susu S, Shuanglin L, Youhua X, Haiyang Y, Yuan Y.

Foodborne Pathog Dis. 2024 Dec;21(12):766-773. doi: 10.1089/fpd.2024.0063. Epub 2024 Sep 4.

PMID: 39230428

[Evaluating the Growth of *Staphylococcus aureus* During Slow Cooking of Beef and Turkey Formulations from 10 °C to 54.4 °C for an Extended Time.](#)

Shrestha S, Riemann M, Juneja VK, Mishra A.

J Food Prot. 2024 Dec 28;88(2):100445. doi: 10.1016/j.jfp.2024.100445. Online ahead of print.

PMID: 39736325

[Occurrence, Multidrug Resistance, SCCmec Typing of Methicillin-Resistant *Staphylococcus aureus* from Farmed Eggs and Environment.](#)

Taskeen S, Singh R, Bedi JS, Arora AK, Aulakh RS, Singh J.

Curr Microbiol. 2024 Dec 18;82(1):47. doi: 10.1007/s00284-024-04020-0.

PMID: 39692784

[Vancomycin-resistant *Staphylococcus aureus* endangers Egyptian dairy herds.](#)

Tartor YH, Enany ME, Ismail NI, El-Demerdash AS, Eidaroos NH, Algendy RM, Mahmmod Y, Elsohaby I.

Sci Rep. 2024 Dec 23;14(1):30606. doi: 10.1038/s41598-024-81516-6.

PMID: 39715776 Free PMC article.

[Risk analysis of critical control points of *Staphylococcus aureus* in layer farms and chicken egg distributors.](#)

Thaha AH, Malaka R, Hatta W, Maruddin F.

Ital J Food Saf. 2024 Jun 26;13(4):12409. doi: 10.4081/ijfs.2024.12409.
eCollection 2024 Nov 12.

PMID: 39640892 Free PMC article.

[Investigation of Biofilm Formation Ability and Antibiotic Resistance of *Staphylococcus aureus* Isolates from Food Products.](#)

Titouche Y, Akkou M, Djaoui Y, Chergui A, Mechoub D, Bentayeb L, Fatihi A, Nia Y, Hennekinne JA.

Foodborne Pathog Dis. 2024 Nov 26. doi: 10.1089/fpd.2024.0121. Online ahead of print.

PMID: 39589773

[The global regulator SpoVG is involved in biofilm formation and stress response in foodborne Staphylococcus aureus.](#)

Xu L, Zhang X, Wang W, Shen J, Ma K, Wang H, Xue T.

Int J Food Microbiol. 2025 Jan 30;428:110997. doi: 10.1016/j.ijfoodmicro.2024.110997. Epub 2024 Nov 28.

PMID: 39616895

[Multi-omics revealed antibacterial mechanisms of licochalcone A against MRSA and its antimicrobial potential on pork meat.](#)

Zeng F, Shao S, Zou Z, Guo S, Cai Y, Yan C, Chen Y, Wang M, Shi T.

Food Chem X. 2024 Oct 11;24:101893. doi: 10.1016/j.fochx.2024.101893. eCollection 2024 Dec 30.

PMID: 39498259 Free PMC article.

Vibrio

[Global prevalence patterns and distribution of Vibrio cholerae: A systematic review and meta-analysis of 176,740 samples.](#)

Engku Abd Rahman ENS, Irekeola AA, Elmi AH, Chua WC, Chan YY.

J Infect Public Health. 2024 Nov;17(11):102558. doi: 10.1016/j.jiph.2024.102558. Epub 2024 Sep 27.

PMID: 39413666

[Prevalence of Vibrio spp. in Seafood from German Supermarkets and Fish Markets.](#)

Zeidler C, Szott V, Alter T, Huehn-Lindenbein S, Fleischmann S.

Foods. 2024 Dec 10;13(24):3987. doi: 10.3390/foods13243987.

PMID: 39766929 Free PMC article.

Cryptosporidium, Giardia, Toxoplasma

[Food and Waterborne Cryptosporidiosis from a One Health Perspective: A Comprehensive Review.](#)

Ali M, Ji Y, Xu C, Hina Q, Javed U, Li K.

Animals (Basel). 2024 Nov 14;14(22):3287. doi: 10.3390/ani14223287.

PMID: 39595339 Free PMC article. Review.

[Prevalence of Intestinal Parasitic Infections and Associated Factors Among Food Handlers in East Africa: A Systematic Review and Meta-analysis.](#)

Ashagre A, Misganaw T, Abebe W, Dejazmach Z, Amare GA, Wondmagegn YM, Worku KM, Adugna A, Ahmed H, Gedifie S, Kumie G, Nigatie M, Jemal A, Kasahun W, Ayana S, Asmare Z, Gashaw Y, Getachew E, Gashaw M, Sisay A, Tadesse S, Abate BB, Kidie AA, Reta MA.

Acta Parasitol. 2025 Jan 4;70(1):3. doi: 10.1007/s11686-024-00968-y.

PMID: 39755837 Review.

[Epidemiology of gastrointestinal parasites of dogs in four districts of central Ethiopia: Prevalence and risk factors.](#)

Bayou K, Terefe G, Kumsa B.

PLoS One. 2025 Jan 14;20(1):e0316539. doi: 10.1371/journal.pone.0316539. eCollection 2025.

PMID: 39808647 Free PMC article.

[Outbreak of the novel *Cryptosporidium parvum* IlyA11 linked to salad bars in Sweden, December 2023.](#)

Bujila I, Ohlson A, Hansen A, Agudelo L, Kühlmann-Berenzon S, Galanis I, Hall I, Gustavsson AM, Lebbad M, Lindblad M, Rönnberg C, Rehn M.

Epidemiol Infect. 2024 Nov 18;152:e140. doi: 10.1017/S0950268824001432.

PMID: 39552133 Free PMC article.

[Diagnosis of *Giardia* spp. in ruminants at Southern Brazil.](#)

Dos Santos TS, Meireles GR, da Silveira CG, de Mello GTC, da Silva SVN, Lignon JS, Martins NS, Pinto DM, Pappen FG.

Braz J Vet Med. 2024 Dec 18;46:e006524. doi: 10.29374/2527-2179.bjvm006524. eCollection 2024.

PMID: 39712863 Free PMC article.

[Parasitic Contamination and Its Associated Factors in Fruits and Vegetables Collected From Ethiopia's Local Markets: A Systematic Review and Meta-Analysis.](#)

Girma A, Aemiro A, Alamnie G, Mulie Y.

Environ Health Insights. 2024 Dec 19;18:11786302241307882. doi: 10.1177/11786302241307882. eCollection 2024.

PMID: 39703376 Free PMC article.

[Unraveling the interplay between unicellular parasites and bacterial biofilms: Implications for disease persistence and antibiotic resistance.](#)

Zanditenas E, Ankri S.

Virulence. 2024 Dec;15(1):2289775. doi: 10.1080/21505594.2023.2289775. Epub 2023 Dec 6.

PMID: 38058008 Free PMC article. Review.

Hepatitis A and Hepatitis E

[Longitudinal survey of hepatitis E virus in extensively raised pigs in Spain.](#)

Fajardo-Alonso T, García-Bocanegra I, Rialde MA, Rivero-Juárez A, Jiménez-Ruiz S, Cano-Terriza D, Casares-Jiménez M, Laguna E, Acevedo P, Frías M, Vicente J, Rivero A, Caballero-Gómez J.

Vet Microbiol. 2024 Nov;298:110256. doi: 10.1016/j.vetmic.2024.110256. Epub 2024 Sep 23.

PMID: 39366316

[Hepatitis E Virus RNA Detection in Liver and Muscle Tissues Sampled from Home Slaughtered Domestic Pigs in Central Italy.](#)

Ferri G, Giantomassi G, Tognetti D, Olivastri A, Vergara A.

Food Environ Virol. 2024 Dec;16(4):438-448. doi: 10.1007/s12560-024-09606-2. Epub 2024 Jun 11.

PMID: 38862750 Free PMC article.

[Biosecurity measures reducing *Salmonella* spp. and hepatitis E virus prevalence in pig farms-a systematic review and meta-analysis.](#)

Huber N, Meester M, Sassu EL, Waller ESL, Krumova-Valcheva G, Aprea G, D'Angelantonio D, Zoche-Golob V, Scattolini S, Marriott E, Smith RP, Burow E, Carreira GC.

Front Vet Sci. 2024 Dec 23;11:1494870. doi: 10.3389/fvets.2024.1494870. eCollection 2024.

PMID: 39764372 Free PMC article.

[Inactivation of murine norovirus and hepatitis A virus on various frozen fruits using pulsed light.](#)

Kim HJ, Jubinville E, Goulet-Beaulieu V, Jean J.

Int J Food Microbiol. 2024 Nov 2;424:110851. doi: 10.1016/j.ijfoodmicro.2024.110851. Epub 2024 Aug 2.

PMID: 39116463

[Zoonotic and Food-Related Hazards Due to Hepatitis A and E in Africa: A Systematic Review and Meta-Analysis.](#)

Odoom A, Boamah I, Sagoe KW, Kotey FC, Donkor ES.

Environ Health Insights. 2024 Nov 21;18:11786302241299370. doi: 10.1177/11786302241299370. eCollection 2024.

PMID: 39575136 Free PMC article. Review.

[Contamination of Hepatitis E Virus in Pig Livers of Different Market Types Collected from Seven Provinces of China.](#)

Wang J, Li F, Zhou L, Zou Y, Zhang S, Xie Q, Li N, Bai L, Fanning S, Gonzalez G, Bao H, Coughlan S, Jiang T.

Foodborne Pathog Dis. 2024 Oct 22. doi: 10.1089/fpd.2024.0057. Online ahead of print.

PMID: 39435726

Tick-borne Encephalitis Virus (*TBEV*)

No new publications between 19/06/2024 and 17/10/2024

***Yersinia* spp**

[Genomic characteristics and virulence of common but overlooked *Yersinia intermedia*, *Y. frederiksenii*, and *Y. kristensenii* in food.](#)

Lü Z, Su L, Han M, Wang X, Li M, Wang S, Cui S, Chen J, Yang B.

Int J Food Microbiol. 2025 Jan 3;430:111052. doi: 10.1016/j.ijfoodmicro.2024.111052. Online ahead of print.

PMID: 39798383

[Behaviour of *Listeria monocytogenes* and *Yersinia enterocolitica* during beef dry-aging up to 60 days.](#)

Savini F, Prandini L, Indio V, Tomasello F, Seguino A, De Cesare A, Panseri S, Giacometti F, Delibato E, Bardasi L, Taddei R, Serraino A.

Int J Food Microbiol. 2025 Feb 2;429:110999. doi: 10.1016/j.ijfoodmicro.2024.110999. Epub 2024 Nov 29.

PMID: 39642410