

Publication list:

- Gottapu C, Sahin O, Edison LK, **Srednik ME**, Kariyawasam S. Complete Genome Sequences of *Campylobacter hepaticus* Strains USA1 and USA5, Isolated from a Commercial Layer Flock in the United States. (Submitted to Microbiology Resource Announcements. Jan, 2025.
- Gadu E, Hashish A, Shelkamy MMS, Chaves M, Osemeke O, **Srednik ME**, Sato Y, El-Gazzar M. Development and Validation of TaqMan Real-Time PCR Assays: A new Approach to Limit Erroneous Diagnosis of Spotty Liver Disease. Avian Diseases. Avian Diseases. Jan, 2025.
- Shelkamy M, Hashish A, Chaves M, **Srednik ME**, Macedo N, Sato Y, Schmitz-Esser S, Zhang Q, El-Gazzar M. Development and Validation of PCR Assays for Improved Diagnosis of Infectious Coryza by Differentiating Pathogenic and Non-Pathogenic *Avibacterium paragallinarum*. Avian diseases. Nov, 2024.
- **Srednik ME**, Abatcha MG, Chiapparrone ML. Editorial: Antimicrobial resistance genomics in bacterial zoonotic pathogens. Frontiers in Genetics. 2023;14:1277081. doi: 10.3389/fgene.2023.1277081. PMID: 37674480; PMCID: PMC10478081.
- Vázquez L, **Srednik ME**, Rodríguez J, Flórez AB, Mayo B. Antibiotic Resistance/Susceptibility Profiles of Staphylococcus equorum Strains from Cheese, and Genome Analysis for Antibiotic Resistance Genes. International Journal of Molecular Sciences. 2023;24(14):11657. doi: 10.3390/ijms241411657. PMID: 37511416; PMCID: PMC10380560.
- **Srednik ME**, Perea CA, Giacoboni GI, Hicks JA, Foxx CL, Harris B, Schlater LK. Genomic Features of Antimicrobial Resistance in *Staphylococcus pseudintermedius* Isolated from Dogs with Pyoderma in Argentina and the United States: A Comparative Study. International Journal of Molecular Sciences. 2023; 24(14):11361. doi: 10.3390/ijms241411361.
- **Srednik ME**, Morningstar-Shaw BR, Hicks JA, Tong C, Mackie TA, Schlater LK. Whole-genome sequencing and phylogenetic analysis capture the emergence of a multi-drug resistant *Salmonella enterica* serovar Infantis clone from diagnostic animal samples in the United States. Frontiers in Microbiology. 2023; 14:1166908. doi:10.3389/fmicb.2023.1166908.
- **Srednik ME**, Perea CA, Giacoboni GI, Hicks JA, Schlater LK. First report of *Staphylococcus pseudintermedius* ST71-SCCmec III and ST45-ΨSCCmec57395 from canine pyoderma in Argentina. BCM Research Notes. 2023, doi: 10.1186/s13104-023-06285-3.
- **Srednik ME**, Morningstar-Shaw BH, Hicks JA, Mackie AT, Schlater LK. Antimicrobial Resistance and Genomic Characterization of *Salmonella enterica* Seroovar Senftenberg Isolates in Production Animals from the United States. Frontiers in Microbiology. 2022, doi: 10.3389/fmicb.2022.979790.
- **Srednik ME**, Lantz K, Hicks JA, Morningstar BH, Mackie T, Schlater LK. Antimicrobial resistance and genomic characterization of *Salmonella* Dublin isolates in cattle from the United States. PLoS One. 2021, doi: 10.1371/journal.pone.0249617.
- Crespi E, Pereyra AM, Puigdevall T, Rumi MV, Testorelli MF, Caggiano N, Gulone L, Mollerach M, Gentilini ER, **Srednik ME**. Antimicrobial resistance studies in staphylococci and streptococci isolated from cows with mastitis in Argentina. Journal of Veterinary Science. 2021, doi: 10.4142/jvs.21062.

- **Srednik ME**, Crespi E, Testorelli MF, Puigdevall T, Pereyra AM, Rumi MV, Caggiano N, Gulone L, Mollerach M, Gentilini ER..First isolation of a methicillin-resistant *Staphylococcus aureus* from bovine mastitis in Argentina. Veterinary and Animal Science. 2018, doi: 10.1016/j.vas.2018.11.004.
- **Srednik ME**, Usongo V, Archambault M, Gentilini E. Characterisation of *Staphylococcus aureus* strains isolated from mastitis bovine milk in Argentina. Journal of Dairy Research. 2018, doi: 10.1017/S0022029917000851.
- **Srednik ME**. Biofilm. Microbiología Veterinaria. Editor Jefe Néstor Oscar Stanchi. Editorial Inter-Médica, Argentina. 3rd Edition 2018, page 272-277 (Book chapter in Spanish).
- **Srednik ME**, Archambault M, Jacques M, Gentilini E. Detection of mecC-positive in a *Staphylococcus saprophyticus* from bovine mastitis in Argentina. Journal of Global Antimicrobial Research. 2017, doi: 10.1016/j.jgar.2017.05.016.
- **Srednik ME**, Tremblay Y, Labrie J, Archambault M, Jacques M, Fernandez Cirelli A, Gentilini E. Biofilm formation and antimicrobial resistance genes of coagulase-negative staphylococci isolated from cows with mastitis in Argentina. FEMS Microbiology Letters. 2017, doi: 10.1093/femsle/fnx001.
- **Srednik ME**, Abate S, Gentilini E. Antibiotic susceptibility of staphylococci isolated from bovine mastitis milk samples. Investigación Veterinaria. 2016, 18(1):39-44 (in Spanish, with English summary).
- **Srednik ME**, Grieben M, Bentancor A, Gentilini E. Molecular identification of coagulase-negative staphylococci isolated from bovine mastitis and detection of β -lactam resistance. Journal of Infection in Developing Countries. 2015, 9(9):1022-1027, doi:10.3855/jidc.5871.
- Wang Y, Gagnon CA, Savard C, Music N, **Srednik ME**, Segura M, Lachance C, Bellehumeur C, Gottschalk M. Capsular sialic acid of *Streptococcus suis* serotype 2 binds to swine influenza virus and enhances bacterial interactions with virus-infected tracheal epithelial cells. Infection and Immunity. 2013, doi: 10.1128/IAI.00818-13.
- **Srednik ME**, Rumi V, Bentancor A. Safety ground beef under the regulatory framework of The Argentine Food Code and the presence of *Escherichia coli* strains causing attaching and effacing lesions. Investigación Veterinaria. 2013 15(2), 123-130 (in Spanish, with English summary).