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ANTIBIOTIC RESISTANCE OF *ENTEROCOCCUS* STRAINS PRESENT IN FOOD

Summary

The number of antibiotic resistant bacterial strains found in the human environment has been growing in recent years. Antibiotic resistance has long been linked exclusively with the hospital environment. However, according to the findings of various studies, food can also be a source of antibiotic resistant strains. The ability of *Enterococcus* species to survive in a broad range of adverse environments causes that these bacteria are present in nearly all kinds of food. In this review we aimed to summarize mechanisms of antibiotic resistance in enterococci, the role of mobile genetic elements played in spreading of the resistance and to characterize antibiotic resistance among enterococci from food, inclusive of ready-to-eat food.