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The Potential of Antimicrobial Activity and Antibiofilm Activity of Bacteriocins

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The world is facing various contamination incidents and infections caused by microbiota. Many strategies have been explored to treat/eliminate them. The traditional treatments for these cases include using different classes of antibiotics. This leads to a great increase in antibiotic-resistant bacteria. Therefore, preventing and controlling the spread of antibiotic-resistance bacteria is necessary. Bacteriocins are a group of antimicrobial substances of proteinaceous character produced by various bacteria, capable of controlling more or less (clinically) relevant drug-resistant bacteria. Bacteriocins can act against pathogens and improve host health. Although bacteriocin has been investigated for many years, it is still a hot topic due to its application potentials. Recently, bacteriocins have been used in veterinary medicine, animal husbandry, and agriculture as biocontrol agents. This Special Issue will welcome original contributions on bacteriocins. with special reference to work relevant to their antimicrobial potential and antibiofilm activity, and how they can contribute to further benefiting human and veterinary health.



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