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RESEARCH PAPER

Isolation, characterization of potential probiotic strains of *Enterococcus* from sewage water

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Abstract : The present study mainly focused on the isolation and characterization of *Enterococcus*. The present study has demonstrated that *Enterococcus* strains from sewage water samples may be a probiotic candidate with functional characteristics in terms of resistance to low pH and bile salts, and antagonistic activity.*Enterococcus*spp. were able to tolerate gastric and intestinal conditions,lower cholesterol, produce CLA, and hydrolyze bilesalts.

Key Words : *Enterococcus*, Antagonistic, Gastric, Intestinal

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