Journal of Medical Implants & Surgery

Abstract

Protection of CitrusX sinensis peel on salmon milt DNA against oxidative damage induced by H2O2 and Antagonistic effect on Pseudomonas spp by Lactococci isolated from milk and curd

Eswari Beeram

Assistant Professor, Sree Vidyanikethan Degree College, Andhra Pradesh

Abstract:

DNA is a heritable biomolecule passed from one generation to other generation. So, damage to the DNA should be repaired immediately in the biological system. So, screening for protective agents from plants against oxidative DNA Damage is necessary. If the screening is from plants for oxidative damage it is easy to consume and oxidative damage to cell membranes caused due to lipid peroxidation can be also reverted. In this study H2O2 is taken as oxidative damage inducer and salmon milt is the commercially available DNA sample assayed for protection by citrus X sinensis. Lactococci is normally used as probiotic for humans. Lactococci was isolated from milk and curd and tested for antagonistic effect on 10 strains of infectious bacteria in the laboratory, in which lactococci showed antagonistic effect on Pseudomonas.

Biography:

Eswari Beeram is a assistant professor in Sri Venkateswara University at Tirupati,

Andhra Pradesh, India.

Recent Publications:

- Eswari Beeram, J Cutan Aesthet Surg. Jan-Mar 2019
- Eswari Beeram, J Environ Manage. 2018
- Eswari Beeram, Curr Drug Discov Technol. 2018
- Eswari Beeram, Iran J Microbiol. 2016
- Eswari Beeram, World J Microbiol Biotechnol. 2015

Citation: Eswari Beeram, Protection of CitrusX sinensis peel on salmon milt DNA against oxidative damage induced by H2O2 and Antagonistic effect on Pseudomonas spp by Lactococci isolated from milk and curd, webinar on Plastic surgery, October 9, 2020.