

Research Article

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One health concept, prevalence and phenotypic antibiotic susceptibility of *Escherichia coli* and *Salmonella* isolated from meats sold in Lagos, Nigeria

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Author(s): Adebessin IO*, Sule IO, Kolapo KT, Amoka SO, Olomoko CR and Olubunmi OH

This study reports the one health concept, prevalence, and antimicrobial susceptibility patterns of *Salmonella* and *Escherichia coli* isolated from raw and ready-to-eat (RTE) meats sold in cities of Lagos State, Nigeria. The conventional method of isolation was used to isolate *E. coli* and *Salmonella* spp. on their respective selective media from fifty meat samples obtain ...

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Enhancing immunity against carcinogens through probiotics: A literature review

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Author(s): Massoud Attarianshandiz*

This literature review explores various aspects of using probiotics as a dietary practice to mitigate the effects of toxic compounds. The discussion highlights the importance of considering factors such as timing and composition of probiotic consumption for maximum benefits. Studies have demonstrated the potential of probiotics to inhibit Deoxyribonucleic Acid (DNA) d ...

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Effects of a nutraceutical combining green tea extract, vitamin C, D, and zinc in patients with post-COVID conditions

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Author(s): Chian-Yi Liu, Chih-Yu Hsieh, Shih-Heng Chang, Shu-Chuan Wang and Chih-Cheng Lin*

Tea and ascorbic acid have antioxidative and anti-inflammatory effects, and vitamin D and zinc have immunomodulatory effects. This study investigated the effect of a nutraceutical prescription combining these four nutrients on the blood biochemical markers and the modified C19-YRS questionnaires in patients who had recovered from COVID-19 disease for four months. Anal ...

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Review Article

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The human gut fungiome: Role in physiology and detoxification

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Author(s): Gilles-Eric Seralini*

The intestinal microbiota is an ecosystem where bacteria, archaea, viruses, and protists, are entangled, but not alone. We take microbiota as the bacterial community because, in many historical papers, the probes to detect other organisms in the intestine were rarely used. But in addition, unicellular fungi or yeasts do exist in microbiota, their assembly is called th ...

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