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The role of probiotics in colorectal cancer prevention

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Colorectal cancer is one of the most common distortions of the gastrointestinal tract. Recent studies showed that composition of gut microbiota could be associated with the development of colorectal cancer. The purpose of this research is to review the findings of several researches about the role of probiotics in colorectal cancer prevention. Probiotic bacteria are live bacteria that, when administered in adequate amounts, confer a healthy benefit on the host. There have been investigations on their anti-tumor effects. Various studies showed the positive effect of probiotics on various gut functions. Several mechanisms could explain the preventive action of probiotics against colorectal cancer onset. They include: modifying gut bacteria, reducing the capacity of fecal water to induce necrosis, inhibition of colon carcinogenesis.

Biography

Reem Majdy Ghabbany has completed her Bachelor's degree in Clinical Nutrition from Taibah University. Presently she is doing Internship at various hospitals in Medina. She has participated in various health and nutrition campaigns in the last 4 years and participated in organizing the first nutrition conference in Medina. She is interested in participating in nutrition and disease related researches.

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