



Review Article

Immunological Aspect of Colostrum as A Preventative Medication

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Abstract

Nutraceutical products are used to endow with health and medical benefits for prevention and treatment of different diseases. Colostrum is a natural product which is rich in macro- and micronutrients, and because of this, it is measured as a best natural food supplement. Colostrum is the first milk secreted at the time of parturition, is also the sole source of passive immunization because the colostrums is an excellent source of immunoglobulins and highly biological value proteins, Growth Factor, lipids, carbohydrates, antioxidants, vitamins, minerals and viable cells. A viable cell like neutrophils, macrophages secretes cytokines and antimicrobial proteins and peptides, such as lactoferrin, defensins, and cathelicidins. In view of so many health factor through Colostrum, the use of Colostrum has been extended to so many health problems like treatment of autoimmune disorders, gastrointestinal conditions, including non-steroidal anti-inflammatory drug-induced gut injury, H pylori infection, immune deficiency related diarrhea for all age group.

This review explores the recent knowledge on the advantageous effect of immune factors containing Colostrum in the above conditions as well as the results of research aimed at realizing untouched significance in milk.

Key words: Colostrum, Immunoglobulins, Micronutrients, Natural Food Supplement

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