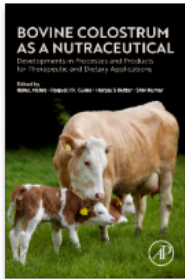


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Bovine Colostrum as a Nutraceutical

Developments in Processes and Products for Therapeutic and Dietary Applications

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Description



Bovine colostrum is being touted by medical professionals, nutritionists, and food product developers worldwide for its ability to optimize health and help manage disease. Scientists are becoming increasingly intrigued by its nutrient-dense, immune-boosting properties. *Bovine Colostrum as a Nutraceutical: Developments in Processes and Products for Therapeutic and Dietary Applications* takes a closer look at every facet of a cow's first milk—from composition to consumption—and discusses how its nutritional and hyper-immune properties are frequently used in food-pharma worldwide. Comprised of 18 chapters, *Bovine Colostrum as a Nutraceutical: Developments in Processes and Products for Therapeutic and Dietary Applications* elucidates the chemistry, physiological effects and response of nutritional bioactive elements such as peptides while exploring the impact of different environmental, natural, and processing factors that can affect colostrum's composition. Authors discuss emerging colostrum processing methods, as well as the recent technologies, and instrumentation used for isolating and identifying bioactive components for food product development. Readers will also learn colostrum's role in gut, immune and skin health, and how it can enhance muscle growth for improved athletic performance. Safety, efficacy, and regulatory considerations of bovine colostrum and its derivatives are also discussed.