

1. Record Nr.	UNINA9910863110903321
Titolo	Advances in Probiotics for Sustainable Food and Medicine / / edited by Gunjan Goel, Ashok Kumar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-6795-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (IX, 240 p. 14 illus., 10 illus. in color.)
Collana	Microorganisms for Sustainability, , 2512-1898 ; ; 21
Disciplina	615.329
Soggetti	Bacteria Food - Microbiology Microbial genetics Food Microbiology Microbial Genetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Probiotics and their potential applications: An Introduction -- Chapter 2. Sources and Selection criteria of probiotics -- Chapter 3. Indigenous fermented foods as a potential source of probiotic foods -- Chapter 4. Prebiotics for Probiotics -- Chapter 5. Probiotics as live biotherapeutics: prospects and perspectives -- Chapter 6. Probiotics as functional foods -- Chapter 7. Probiotics in Livestock and Poultry Nutrition and Health -- Chapter 8. Probiotics for Human Health. Chapter 9. Influence of probiotics over AMPK-dependent health activity: a look into its molecular mechanisms -- Chapter 10. Metabolic engineering approaches for improvement of probiotics functionality.
Sommario/riassunto	This book focuses on probiotics as sustainable foods and medicines, discussing issues such as screening and identification of probiotics, health claims, and advances in processing technologies, as well as food safety. Based on sound scientific research, the book is a unique reference resource for food scientists interested in development of probiotic based functional foods and their marketing. It will also appeal to those working in the area of regulations regarding the use of and health claims for fermented foods, both locally and globally.

