

1. Record Nr.	UNINA9910253887603321
Autore	Sharma Deepansh
Titolo	Biosurfactants of Lactic Acid Bacteria // by Deepansh Sharma, Baljeet Singh Saharan, Shailly Kapil
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-26215-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (96 p.)
Collana	SpringerBriefs in Microbiology, , 2191-5385
Disciplina	570
Soggetti	Microbiology Biotechnology Food—Biotechnology Food Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Biosurfactants of Probiotic Lactic Acid Bacteria -- Properties of Biosurfactants -- Structural Properties of Biosurfactants of Lab -- Substrates and Production of Biosurfactants -- Applications of Biosurfactants -- Future Prospect. .
Sommario/riassunto	This book provides an introduction to biosurfactants produced by lactic acid bacteria, presenting a detailed compilation of their functional properties and structural composition. Microbial surfactants, extensively known as surface-active agents, have created a niche for themselves in the green-chemicals market, thanks to their distinct environment-friendly properties. The demand for biosurfactants in the cosmetics, food, pharmaceuticals, agricultural and environmental industries is steadily growing, and biosurfactants from lactic acid bacteria possess significant biological properties, making them potentially suitable for antimicrobial, anti-adhesive and various other industrially important applications. Exploring these aspects in depth, the book offers a valuable resource for both postgraduate students and researchers in the fields of food and industrial microbiology.