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Titolo	The bifidobacteria and related organisms : biology, taxonomy, applications // edited by Paola Mattarelli [and three others]
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Descrizione fisica	1 online resource (313 pages) : illustrations (some color)
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The phylum Actinobacteria / Paul A. Lawson -- Species in the genus Bifidobacterium / Paola Mattarelli, Bruno Biavati -- Related genera within the family Bifidobacteriaceae / Bruno Biavati, Paola Mattarelli -- Isolation, cultivation, and storage of bifidobacteria / Monica Modesto -- Chemotaxonomic features in the Bifidobacteriaceae family / Paola Mattarelli, Barbara Sgorbati -- Nutritional requirements of bifidobacteria / Rachel Levantovsky, Cary R. Allen-Blevins, David A. Sela -- Stress responses of bifidobacteria / Shinji Kawasaki, Masamichi Watanabe, Satoru Fukiya, Atsushi Yokota -- Carbohydrate metabolism in bifidobacteria / Muireann Egan, Douwe Van Sinderen -- Interactions between bifidobacteria, milk oligosaccharides, and neonate hosts / Guy I. Shani, Zachary T. Lewis, Ashanti M. Robinson, David A. Mills -- Biological activities and applications of bifidobacterial exopolysaccharides / Nuria Castro-Bravo, Borja Sanchez, Abelardo Margolles, Patricia Ruas-Madiedo -- Folate and bifidobacteria / Thomas A. Andlid, Maria R. D'Aimmo, Jelena Jastrebova -- Bifidobacteria / Francesca Turroni, Christian Milani, Douwe Van Sinderen, Marco Ventura -- Clinical significance of bifidobacteria / Christian U. Riedel -- Honeybee-specific bifidobacteria and lactobacilli / Tobias Olofsson, Alejandra Vasquez -- Genetic manipulation and gene modification technologies in bifidobacteria / Satoru Fukiya,

Mikiyasu Sakanaka, Atsushi Yokota -- Production of probiotic bifidobacteria / Arthur C. Ouwehand, Sara Sherwin, Connie Sindelar, Amy B. Smith, Buffy Stahl -- Prebiotics, probiotics, and synbiotics / Lorenzo Morelli, Maria L. Callegari, Vania Patrone -- Evidence of the in vitro and in vivo immunological relevance of bifidobacteria / Susana Delgado, Lorena Ruiz, Arancha Hevia, Patricia Ruas-Madiedo, Abelardo Margolles, Borja Saez.
