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Descrizione fisica	1 online resource (164 p.)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 635
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Note generali	Description based upon print version of record.
Nota di contenuto	Overview of Gut Immunology -- The Commensal Microbiology of the Gastrointestinal Tract -- Overview of the Gastrointestinal Microbiota -- Effects of Microbiota on GI Health: Gnotobiotic Research -- Positive Interactions with the Microbiota: Probiotics -- Negative Interactions with the Microbiota: IBD -- Diet, Immunity and Functional Foods -- Host-Microbe Communication within the GI Tract -- Host-Microbe Symbiosis: The Squid-Vibrio Association—A Naturally Occurring, Experimental Model of Animal/Bacterial Partnerships -- The “Microflora Hypothesis” of Allergic Disease -- The Damage-Response Framework of Microbial Pathogenesis and Infectious Diseases.
Sommario/riassunto	Offers an overview of the knowledge of gastrointestinal immunology and the commensal microbiology of the gut. This book includes chapters dedicated to methodologies used to investigate the microbiota and host: molecular analysis of microbial diversity and gnotobiotic research.