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Titolo	Clinical Understanding of the Human Gut Microbiome [[electronic resource] /] / edited by Mark Pimentel, Ruchi Mathur, Gillian M. Barlow
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Altri autori (Persone)	MathurRuchi BarlowGillian M
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Nota di contenuto	Introduction -- Chapter 1: The Importance of the Microbiome in the Gut -- Chapter 2: The Players within the Intestinal Microbiome -- Chapter 3: The Role of Enteric Infection and the Microbiome in Human Health and Disease -- Chapter 4: Gut Microbes – The Gut-Brain Connection -- Chapter 5: Changes in the Gut Microbiome as seen in Diabetes and Obesity -- Chapter 6: The Role of Gut Bacteria in Functional Gastrointestinal Disorders -- Chapter 7: How the Microbiome Affects the Risk for Colon Cancer -- Chapter 8: The Role of the Microbiome in Inflammatory Bowel Disease -- Chapter 9: Fecal Transplant: The Benefits and Harms of Fecal Microbiota Transplantation -- Chapter 10: Future Directions.
Sommario/riassunto	This book synthesizes important areas of research and clinical focus in the gut microbiome and provides an up-to-date reference for clinicians seeking to expand their knowledge. The breadth and complexity of gut microbiome research makes it difficult for physicians and clinicians to access information. To aid readers, Clinical Understanding of the Human Gut Microbiome integrates a variety of human gut microbiome research so that physicians and clinicians can then make the best decisions in the care of their patients. The book will provide an overview of the different players in the gut microbiome, including bacteria, yeast and other fungi, archaea, parasites, and viruses. It also describes how these microbes and their products and metabolites influence diverse clinical areas including diabetes, functional

gastrointestinal disorders, colorectal cancer, and neurological disorders such as Parkinson’s disease and the potential of emerging treatments. Clinical Understanding of the Human Gut Microbiome is an important resource for physicians and clinical researchers looking to understand the human gut microbiome.