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Nota di contenuto	Part I: Introduction -- nflammatory bowel disease – more than meets the eye - Clinical risk factors – lessons from epidemiology -- Clinical trial design for biomarker discovery -- Database/ big data meets real world -- Patient reported outcomes -- Part II: Biomarkers – Prognostic vs Predictive -- Biomarkers for remote monitoring -- Disease modification -- Part IIV: Crohn’s disease -- Luminal Crohn’s disease-. Perianal CD -- Fibrosis/ strictures in CD -- Post-op Crohn’s disease -- Part IV: Ulcerative colitis -- UC surveillance -- Acute severe UC -- Chronic active UC -- Pouchitis -- Refractory proctitis -- Feacal microbiota transplantation -- Primary sclerosing cholangitis -- Extraintestinal manifestations of IBD -- Part V: Specialised scenarios -- Pregnancy -- Nutrition -- TDM -- Biomarkers to quantify immune response -- Drug toxicity -- Part VI:Scientific -- Exposome and diet -- Microbiota -- Metabonomics -- Immunology -- Genomics -- Systems Biology in Biomarker research -- Part VII: Ideal tools for investigation in the future.

Sommario/riassunto

This book provides a comprehensive and complete overview of biomarkers in clinical practice for inflammatory bowel disease (IBD) bringing together the literature in a clear and concise manner. The book bridges the gap between growing knowledge at the bench and current and future applications of biomarkers in clinical practice. The central structure of the book focuses on prognostic and predictive biomarkers in IBD with an emphasis on the fields of research and scientific techniques (genomics, proteomics and metabonomics) that have led to biomarker discovery and places these biomarkers within a clinical context to help understand their utility in clinical practice. This book will be of use to clinicians who have an interest in using biomarkers in clinical practice as well as clinician researchers and scientists involved in the biomarker research pipeline. The author team comprises experts from around the world in order to bring together the literature in an effort to inform clinicians and researchers about the current state-of-the art in biomarker discovery. It is intended to assist future research efforts and indicate how biomarkers might be best applied to clinical practice both at present and in the future.