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   Titolo   Gastric Cancer In The Precision Medicine Era : Diagnosis and Therapy /
                        / edited by Vincenzo Canzonieri, Antonio Giordano

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   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

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   Note generali   Includes index.

   Nota di contenuto   Gastric Tumorigenesis: Role of Inflammation and Helicobacter Pylori --
                        Genetic and Epigenetic Mechanisms in Gastric Cancer -- Diagnosis and
                        Surveillance: Endoscopic Hallmarks -- Pathological Diagnosis And
                        Classification Of Gastric Epithelial Tumors -- Diagnostic, Prognostic,
                        Predictive and Therapeutic Tissue Biomarkers in Gastric Cancer --
                        Serum Biomarkers in Gastric Cancer -- New Agents in the treatment of
                        Advanced Gastric Cancer: Targeted Therapy and Immunotherapy --
                        Combined-Modality Treatment for Locally Advanced Gastric Cancer:
                        Current Evidences and New Perspectives -- Surgical Strategies in
                        Gastric Cancer -- From Molecular Classification to Targeted Therapy
                        for Gastric Cancer in the Precision Medicine Era -- Non-Coding RNA in
                        Gastric Cancer with Potential Prognostic and Predictive Role --
                        Immunomodulation and Immunotherapy for Gastric Cancer --
                        Nanomedicine in Gastric Cancer.

   Sommario/riassunto   This book provides a comprehensive, state-of-the art review and
                        serves as an overview of the different aspects of gastric cancer. The

first section aims to clarify the main aspects of tumorigenesis, such as the role of inflammation linked to the presence of H. Pylori infection, and the genetic and epigenetic mechanisms so far known. Secondly, an exhaustive overview of the diagnosis of gastric cancer from a clinical/endoscopic and pathologic perspective will be illustrated. The second section includes the pathological and clinical features and contains information regarding the most recent tissue and serological biomarkers in these neoplasms. The three successive sections are intended to provide the "state of art" of multimodal treatment approaches to gastric cancer, i.e. standard and novel surgical aspects, common and innovative chemo and radio protocols and modern targeted therapies. Novel molecular classifications are under consideration to improve diagnostic and prognostic definitions and to prospect future treatments based on the use of immunotherapies and innovative molecules such as non-coding RNA and nanoparticles. Gastric Cancer in the Precision Medicine Era serves as a useful resource for physicians and researchers dealing with, and interested in, this challenging malignancy. It provides a concise yet comprehensive summary of the current status of the field that helps guide patient management and stimulates investigative efforts. All chapters are written by experts in their fields and includes the most up to date scientific and clinical information.