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Molecular Alterations and Heterogeneity in Hepatocellular Carcinoma -- 15. Stromal and Immune Drivers of Hepatocarcinogenesis -- 16. Experimental Models for Preclinical Research in Hepatocellular Carcinoma.

Sommario/riassunto	This book provides a comprehensive overview of the current limitations and unmet needs in Hepatocellular Carcinoma (HCC) diagnosis, treatment, and prevention. It also provides newly emerging concepts, approaches, and technologies to address challenges. Topics covered include changing landscape of HCC etiologies in association with health disparities, framework of clinical management algorithm, new and experimental modalities of HCC diagnosis and prognostication, multidisciplinary treatment options including rapidly evolving molecular targeted therapies and immune therapies, multi-omics molecular characterization, and clinically relevant experimental models. The book is intended to assist collaboration between the diverse disciplines and facilitate forward and reverse translation between basic and clinical research by providing a comprehensive overview of relevant areas, covering epidemiological trend and population-level patient management strategies, new diagnostic and prognostic tools, recent advances in the standard care and novel therapeutic approaches, and new concepts in pathogenesis and experimental approaches and tools, by experts and opinion leaders in their respective fields. By thoroughly and concisely covering whole aspects of HCC care, Hepatocellular Carcinoma serves as a valuable reference for multidisciplinary readers, and promotes the development of personalized precision care strategies that lead to substantial improvement of disease burden and patient prognosis in HCC.