Cancer Stem Cells

Description: Cancer Stem Cells covers a wide range of topics in cancer stem cell biology, including the functional characteristics of cancer stem cells and how they're generated, where they are localized, the means by which cancer stem cells can be targeted, and how cancer stem cells can be reprogrammed back at least epigenetically into non-tumor forming cells.

The book builds systematically from coverage of the basic research stage to an advanced research level, from clinical relevance to therapeutic potential, and will be a valuable resource for professionals in the fields of cancer research and stem cell biology.

“This book is both an elegant review and a practical guide to the exciting, and still largely uncharted, world of cancer stem cells. I praise the editor and the authors for this wonderful endeavor, rich of provocative ideas and challenging concepts, not only for a better understanding of basic cancer biology, but also for the future development of new, more effective, anti-tumor treatments.”
Michael F. Clarke, MD., Stanford University

“This authoritative book, written by a range of world-leading cancer researchers, provides a comprehensive overview of the cancer stem cell, its microenvironment, and how these insights will lead to novel clinical strategies.”
Hans Clevers, MD., PhD., Hubrecht Institute, Utrecht

"For those wanting to stay abreast of the field from a basic as well as a clinical perspective, this book will be a welcome read and resource."
Connie J. Eaves, PhD., FRSC., Terry Fox Laboratory, Vancouver

“This volume reports on many aspects of these cells in a variety of human tumors, justifying the notion that CSCs are likely to be important players in virtually all types of human tumors."  
Robert A. Weinberg, PhD., Whitehead Institute, Massachusetts Institute of Technology

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