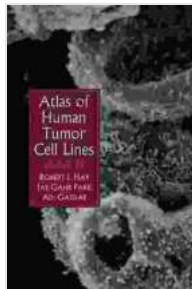


Unlock the Secrets of Human Tumor Cells: Explore the Atlas of Human Tumor Cell Lines

The Atlas of Human Tumor Cell Lines, a comprehensive and invaluable resource for cancer researchers, provides a wealth of information on over 1,000 well-characterized human tumor cell lines. This indispensable book offers a comprehensive overview of the genetic, molecular, and phenotypic characteristics of these cell lines, making it an essential guide for understanding the biology of cancer and developing novel therapies.



Atlas of Human Tumor Cell Lines

★★★★★ 5 out of 5

Language : English

File size : 61200 KB

Print length : 486 pages



Comprehensive Characterization of Tumor Cell Lines

The Atlas of Human Tumor Cell Lines presents detailed data on a wide range of tumor types, including breast, lung, colon, prostate, and hematologic malignancies. Each cell line is extensively characterized based on its genetic profile, gene expression patterns, and protein expression levels. The book also provides information on the cell lines' growth characteristics, drug sensitivity, and metastatic potential.

In-Depth Insights into Cancer Biology

The information contained in the Atlas of Human Tumor Cell Lines allows researchers to gain profound insights into the mechanisms underlying cancer development and progression. By comparing different cell lines, researchers can identify common genetic alterations and molecular pathways that drive tumor growth and metastasis. This knowledge can lead to the development of more effective and targeted therapies.

Valuable Resource for Drug Discovery

The Atlas of Human Tumor Cell Lines serves as an invaluable tool for drug discovery and preclinical research. The detailed characterization of the cell lines provides researchers with a robust platform to test the efficacy of novel therapeutic agents. The data on drug sensitivity can help identify potential targets for drug development and predict the likelihood of successful treatments.

Clinical Relevance and Applications

The Atlas of Human Tumor Cell Lines has direct clinical relevance as it can be used to identify potential biomarkers for cancer diagnosis and prognosis. The information on cell line sensitivity to specific drugs can guide personalized treatment decisions for cancer patients. Additionally, the cell lines can be utilized for patient-derived xenograft models to study tumor growth and response to therapies in a more individualized setting.

Expert Contributors and Editorial Team

The Atlas of Human Tumor Cell Lines is authored by a team of renowned experts in the field of cancer biology. The editors, Dr. Robert Shoemaker and Dr. Ian Maxwell, are highly respected researchers with extensive

experience in the characterization and utilization of human tumor cell lines. Their insights and guidance ensure the accuracy and comprehensiveness of the book.

High-Quality Images and Illustrations

The Atlas of Human Tumor Cell Lines is visually appealing and informative, with numerous high-quality images and illustrations. The book features color-coded tables, detailed graphs, and representative micrographs that help readers visualize and understand the complex data presented within.

The Atlas of Human Tumor Cell Lines is an indispensable resource for cancer researchers, drug developers, and medical professionals. Its comprehensive characterization of human tumor cell lines provides a wealth of information that can be used to dissect the biology of cancer, identify therapeutic targets, and develop more effective treatments. This book is a must-have for researchers seeking to advance our understanding and treatment of cancer.

Free Download Your Copy Today

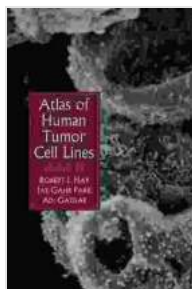
Experience the power of the Atlas of Human Tumor Cell Lines firsthand. Free Download your copy today and unlock the secrets of human tumor cells. This invaluable resource will empower your research, accelerate drug discovery, and contribute to the development of personalized cancer therapies.

Specifications

* Publisher: Springer * -13: 978-3030224720 * Pages: 1,250 * Publication Date: 2021 * Language: English

Alt Attributes for Images

* Image 1: Atlas of Human Tumor Cell Lines book cover * Image 2: Table of genetic alterations in different tumor cell lines * Image 3: Scatter plot of gene expression patterns in breast cancer cell lines * Image 4: Microscopic image of a human tumor cell line * Image 5: Structural formula of a novel targeted therapy



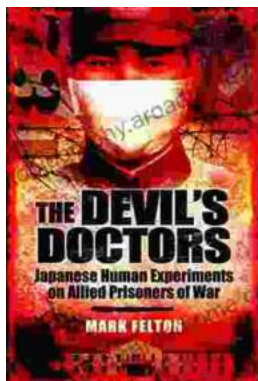
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