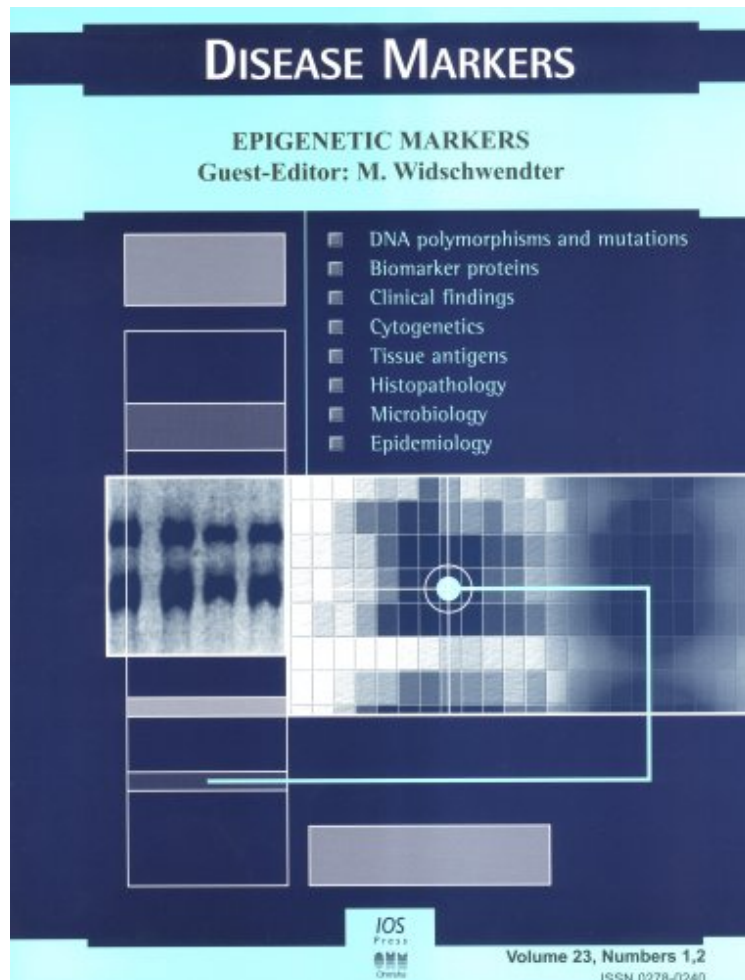


(Library ebook) Epigenetic Markers (Disease Markers) (Stand Alone)

Epigenetic Markers (Disease Markers) (Stand Alone)

M. Widschwendter

**Download PDF | ePub | DOC | audiobook | ebooks*



DOWNLOAD



READ ONLINE

#15701912 in Books 2007-03-15Original language:English 10.00 x 7.50 x .251, #File Name: 1586037226138 pages | File size: 79.Mb

M. Widschwendter : Epigenetic Markers (Disease Markers) (Stand Alone) before purchasing it in order to gage whether or not it would be worth my time, and all praised Epigenetic Markers (Disease Markers) (Stand Alone):

DNA methylation is an epigenetic process that occurs when a methyl group binds to one of DNA's four bases, cytosine. These changes are responsible for controlling the activity of genes by turning them off. DNA methylation patterns differ dramatically between healthy and diseased tissue and thereby can serve as biomarkers, opening a window into earlier detection of disease. Editor Martin Widschwendter (Institute for Women's Health, University College London) emphasizes that, 'The concept of early detection of tumors before they spread and become incurable, represents one of the most important challenges in reducing the impact of the growing burden of cancer worldwide...

Altered patterns of DNA methylation can be detected with high sensitivity, potentially providing us with diagnostic, prognostic and predictive information, and can be reversed by appropriate drug treatment. These possibilities make cancer epigenetics a most exciting field of current translational research.' This book contains ten articles that explore the details and challenges of cancer epigenetics. IOS Press is an international science, technical and medical publisher of high-quality books for academics, scientists, and professionals in all fields. Some of the areas we publish in: - Biomedicine -Oncology -Artificial intelligence -Databases and information systems -Maritime engineering - Nanotechnology -Geoengineering -All aspects of physics -E-governance -E-commerce -The knowledge economy - Urban studies -Arms control -Understanding and responding to terrorism -Medical informatics -Computer Sciences