


[DOWNLOAD](#)


## Epigenetic Epidemiology (Paperback)

By -

Springer, Netherlands, 2014. Paperback. Book Condition: New. 2012 ed.. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The exploding field of epigenetics is challenging the dogma of traditional Mendelian inheritance. Epigenetics plays an important role in shaping who we are and contributes to our prospects of health and disease. While early epigenetic research focused on plant and animal models and in vitro experiments, population-based epidemiologic studies increasingly incorporate epigenetic components. The relevance of epigenetic marks, such as DNA methylation, genomic imprinting, and histone modification for disease causation has yet to be fully explored. This book covers the basic concepts of epigenetic epidemiology, discusses challenges in study design, analysis, and interpretation, epigenetic laboratory techniques, the influence of age and environmental factors on shaping the epigenome, the role of epigenetics in the developmental origins hypothesis, and provides the state of the art on the epigenetic epidemiology of various health conditions including childhood syndromes, cancer, infectious diseases, inflammation and rheumatoid arthritis, asthma, autism and other neurodevelopmental disorders, psychiatric disorders, diabetes, obesity and metabolic disorders, and atherosclerosis. With contributions from: Peter Jones, Jean-Pierre Issa, Gavin Kelsey, Robert Waterland, and many other experts in epigenetics!.



**READ ONLINE**  
[ 2.27 MB ]

### Reviews

*This book is definitely worth getting. It usually will not price too much. Its been printed in an extremely simple way in fact it is only right after i finished reading this publication where basically altered me, modify the way i think.*

-- **Avery Daugherty**

*This publication will never be straightforward to get going on looking at but really fun to see. This can be for all those who statte that there had not been a worth looking at. You wont really feel monotony at at any moment of your own time (that's what catalogs are for about should you request me).*

-- **Cale Hansen Sr.**