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Sommario/riassunto

Written in an informal and accessible style, Chromatin and Gene Regulation enables the reader to understand the science of this rapidly moving field. Chromatin is a fundamental component in the network of controls that regulates gene expression. Many human diseases have been linked to disruption of these control processes by genetic or environmental factors, and unravelling the mechanisms by which they operate is one of the most exciting and rapidly developing areas of modern biology. Chromatin is central both to the rapid changes in gene transcription by which cells respond to changes