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Citation: Simmons, D. (2008) Epigenetic influence and disease. ... These findings suggest that diet can cause changes to genes that are passed down ... The answers to questions such as these lie in the concept of epigenetics ... a region in which a cytosine nucleotide is located next to a guanine

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New findings showing how DNA methylation influences diseases

Fabio Sallustio, Loreto Gesualdo, Anna Gallone

Abstract

In 1975, Holliday and Pugh as well as Riggs independently hypothesized that DNA methylation in eukaryotes could act as a hereditary regulation mechanism that influences gene expression and cell differentiation. Interest in the study of epigenetic processes has been inspired by their reversibility, as well as their potentially

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