

Allergy-immunology glossary

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Towards clarification of some of the terms used in allergology and immunology.

Chromatin	The material of chromosomes. It is a complex of DNA, histones, and nonhistone proteins found in the nucleus of a cell. ¹ The material of chromosomes. It is a complex of DNA, histones, and nonhistone proteins found in the nucleus of a cell. ¹	الكروماتينية ^٢
Histone	The basic protein that forms the core of the chromosome around which DNA is wound. ¹ Histone proteins play essential structural and functional roles in the transition between active and inactive chromatin states. They play a role in the regulation of gene function and expression. ³	هيستون
Histone acetyltransferases (HATs)	Enzymes that acetylate lysine residues on core histones. ¹	الانزيم ناقل الاستيل للهيستون
Transcription	The synthesis of RNA from a DNA template. ³	النسخ
Transcription factor	Protein that binds to specific sequences in the regulatory region of genes to switch on transcription. ¹	عامل النسخ
Transrepression	The inhibition of transcription by a transcription factor. ³	القمع عبر عامل النسخ
Transactivation	The stimulation of transcription by a transcription factor. ³	التنشيط عبر عامل النسخ

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