**Open Peer Review on Qeios** 

## Histone modification

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Potential competing interests: No potential competing interests to declare.

A covalent post-translational modification (PTM) to histone proteins that includes methylation, phosphorylation, acetylation, ubiquitylation, and sumoylation. The PTMs made to histones can impact on gene expression by altering chromatin structure or recruiting histone modifiers.