Mini review

Research Progress in Electrochemical, Electrochemiluminescent and Photoelectrochemical Detection of Histone Acetyltransferase

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Changes in the level and activity of histone acetyltransferase (HAT) have been shown to be associated with the pathogenesis of many diseases. Electrochemical techniques have the advantages of low cost, miniaturization, real-time monitoring and good selectivity as well as sensitivity. Herein, we summarized the research progress in electrochemistry-related methods for the detection of HAT activity, including electrochemistry, electrochemiluminescence and photoelectrochemistry.

Keywords: Histone acetyltransferase; post-translational modification; electrochemistry; electrochemiluminescence; photoelectrochemistry

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