

## New approaches to the analysis of drugs based on bioaffinity of interactions and biosensors

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### Abstract

Bioaffine methods are very actual in being utilized for high sensitivity and selectivity of bioaffinity interactions. The interaction of immobilized DNA with vincristine – antitumor alkaloid was studied. Bioaffinity method using amperometric DNA-sensor was developed. The method has LOD of  $2.0 \cdot 10^{-9}$  mol/l.