Mini Review

Aptamer-based Electrochemical Sensors for Rapid Detection of Veterinary Drug Residues

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Due to aptamer-based biosensors being simple to prepare and easy to modify, while having good stability and a wide range of binding targets, they have attracted the attention of many researchers. Based on the basic principles of aptamers and the latest research results in the field of electrochemical aptamer biosensors, this paper reviews and discusses the prospects for the latest development of electrochemical technology in the field of aptamer biosensors for detecting veterinary drug residues.

Keywords: Aptamer; Electrochemical sensor; Veterinary drug residues; β -agonist; Nitrofurantoin; Fluoroquinolone

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