

Fabrication of nanostructure based biosensor for biomolecules detection

Abstract

Lately, nanostructure based biosensor application has drawn a lot attention among fellow researchers because of speciality to detecting cell, tissue and even disease caused by viruses either from humans, animals or agricultures. The nanostructure based biosensor is a result of the changed nature of nanomaterial to draw biomolecules and other biological samples based. In order to do so, formation of nanostructure based biosensor such as nanowire must through a couple critical or important processes such as trimming technique which leading towards formation of nanostructure while surface modification process leading towards by changing material of nanostructure behaviour to become biosensor. All the important process will be elaborated in technique section. Lastly in the result section, form structure produced, structure measurement and its behaviour will be elaborated.

Keywords; Biosensor, Nanostructure, Surface Modification, Trimming Technique