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Patent Search

Invention Title	METHOD FOR PREPARATION OF ANTIBIOFILM ACTIVITY EXHIBITED SURFACE FUNCTIONALIZED IRON OXIDE NANOPARTICLES AND PRO THEREOF	
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Abstract:

TITLE: METHOD FOR PREPARATION OF ANTIBIOFILM ACTIVITY EXHIBITED SURFACE FUNCTIONALIZED IRON OXIDE NANOPARTICLES AND PRODUCT THEREOF APPLICA BALAJI MEDICAL COLLEGE AND HOSPITAL ABSTRACT The present invention discloses a process of preparation of surface-functionalized Leptadenia reticulata latex ex acid coated iron oxide nanoparticles which exhibits potent biofilm inhibitory effect towards multi drug resistance nosocomial bacterial pathogens. The process of the invention comprises of following steps; a. preparation of iron oxide nanoparticles by solvothermal method; b. preparation of Leptadenia reticulata latex extract powder preparation of surface-functionalized iron oxide nanoparticles. The present invention also discloses a surface-functionalized Leptadenia reticulata latex extract-oleic acid iron oxide nanoparticles which exhibits potent biofilm inhibitory effect towards multi drug resistance nosocomial bacterial pathogens prepared by the process as des

Complete Specification

Description:Form 2

THE PATENT ACT, 1970
(39 of 1970)
&
THE PATENT RULES, 2003
COMPLETE SPECIFICATION
(See section 10 and rule 13)

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