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(54) Title: A NOVEL METHOD FOR SIMULTANEOUS DETECTION AND DISCRIMINATION OF BACTERIAL, FUNGAL, PARASITIC AND VIRAL INFECTIONS OF EYE AND CENTRAL NERVOUS SYSTEM

(57) Abstract: The present invention relates to the diagnostic methods for identification of the single causative agent or more than one causative agent of ocular and nervous system infections among many probable pathogens, which can cause the infection. All the pathogens affecting a discrete area of eye or nervous system generally cause same clinical manifestations or syndromes. The present invention relates to detection and discrimination of the pathogen among the set of probable pathogens in a single test without resorting to a battery of tests each being directed at detection of one pathogen. The current invention aims at the syndrome based diagnostic replacing the diagnostics based on detection of individual pathogens.

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