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Some Technologies and Methods for Prevention and Treatment of Infectious Diseases

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Infectious diseases are caused by many microorganisms such as bacteria, viruses, parasites and fungi. These diseases are transmitted by direct or indirect method from person to person. It is important to detect new or developed methods for prevention and control of these diseases. Some of these methods includes using of transgenic plants for producing of surface antigens which are used in immunization, Targeted therapy of infections by using nanoparticles for production of drug with high activity, DNA technology for diagnosis of infectious disease and production of vaccine, Probiotic bacteria for treatment of infectious disease and finally fighter of antibiotics resistant microbe. Results and conclusions must provide drug with high activity and low cost, safe vaccines for developing new methods for prevention and treatment.

Biography

Samer M, Al-Hulu, Microbiology Specialist, has completed his PhD at the age of 29 years from Babylon University/College of Science. He has published more than 14 papers in microbiology field. Al-Hulu, has training at Ministry of Health at Laboratory of Babylon Maternity and Children Hospital. Now he is currently working at Al-Qasim Green University/College of Food Science.

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