European Journal of Molecular & Clinical Medicine
ISSN 2515-8260 Volume 07, Issue 01, 2020

Developing A Universal Vaccine - Technical Feasibility And Popular Perception Among Microbiologist - A Survey.

Sutharshan , G S; Dr. Ganesh Lakshmanan; Dr.Durairaj Sekar

Abstract

An infection is the invasion of an organism"s body tissues by disease-causing agents, their multiplication, and the reaction host tissues to the infectious agents and the toxins they produce. The vaccine is a substance used to stimulate the production of antibodies and provide immunity against infection, prepared from causative agents of a disease treated to act as an antigen. Every infectious disease has an individual vaccine developed specifically for it. The main aim of the study is to find the perception and feasibility of universal vaccines that can be used against multiple infections, among microbiologists. An online survey was conducted with a self-structured questionnaire comprising 15 questions that was distributed through the google forms. The sample size of this study was 100. The results were analyzed by performing the statistical software “SPSS version 20”. The data was represented in the pie chart form. From this study population, the whole of 67% of the participants gave a positive response about the awareness of the universal vaccine and its feasibility . The survey research helps to find the feasibility of developing a universal vaccine. From this study, it is clear that microbiologists have knowledge and awareness about universal vaccines.

Keywords:

Infectious Diseases Microbiologist Omnipotent universal vaccine