THE NEW LIVE ATTENUATED VACCINE

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Abstract - Cholera is a major infectious disease, affecting millions of lives annually. In endemic areas, implementation of vaccination strategy against cholera is vital. As the use of safer live vaccine that can induce protective immunity against Vibrio cholerae O139 infection is a promising approach for immunization, we have designed a new oral cholera vaccine candidate. The vaccine was found not to disassemble the actin of HEp2 cells, and colonizes the rabbit intestine well. No Histopathology damage was found by the vaccine. The immune response provided by the vaccine was very good.

Keywords - Cholera vaccine