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Immunomics: It's Role in Zika Virus Infection

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Editorial

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mentioned that the stability of the resulting peptide-MHC I complexes could befurther studied by molecular dynamics simulations [6].

Zika virus infection is a new problematic arbovirus infection. It is no doubt that immunomics is useful for Zika virus research and e infection is a dengue like illness but can result in unwanted neurological complication and abnormal child born to infected mother it is the hope for nding the way to manage the disease. At present, the [1]. e infection occurs worldwide at present and it is still the global speci c resource of immunomics for Zika virus is also easily available public health issue. To manage this infection, there is still no specivia ZikaVR [7]. ZikaVR "comprises of whole genome sequences, antiviral drug. Searching for new e ective drug is widely performed their respective functional information regarding proteigenes, and For prevention of the disease, the prevention of mosquito bite and sate uctural content. Additionally, it also delivers sophisticated analysis sex is the main recommendation. As a new infection, the expected ch as whole-genome alignments, conservation and variation, CpG most e ective preventive measure against Zika virus infection is the lands, codon context, usage bias and phylogenetic inferences at whole vaccination [2]. Nevertheless, there is still no speci c vaccine agairgenome and proteome level [7]". Zika virus at present [2].

References

Drug and vaccine search is the present focused research is \$Ueloob B, Wiwan4736 Tm (1.) Tj ETAcoppredices (ptellin) Ber 02023 2004 TZikP41000 dramoz C1. plctic worldwide. Several new advanced biomedical technologies are used tober 02, 2017

and can be applied in management of several diseases including Bopyright: © 2017 Wiwanitkit V. This is an open-access article distributed under infections. For the Zika virus infection, the application of immunomics the terms of the Creative Commons Attribution License, which permits unrestricted is an interesting issue that should be mentioned. At rst, theuse, distribution, and reproduction in any medium, provided the original author and immunomics technique can be applied for searching of new vaccine

candidate. Finding epitope is the rst step of vaccine development and it can be done based on immunomics. Of interest, there are many new publications on epitopes of Zika virus derived from immunomics [3-5]. e rst world report is by Wiwanitkit and Wiwanitkit [4]. According to tat study, "784YIMDEAHFTDPSSIAARGYI1803" is the best epitope. In another report, Dey et al. reported nding on some epitopes of Zika virus and noted that "ese peptides can be expected to form the basis for a nascent peptide vaccine which, enhanced by incorporation of suitable adjuvants, can elicit immune response against the Zika virus infections [5]". Usman Mirza et al. noted that the detected epitopes can be further tested using immunomics investigation and