

\*\*\*\*Published February 2016\*\*\*\*

## MarketVIEW: Zika virus vaccines (CAT: VAMV068)

<b>Product Name</b>	:	<b>MarketVIEW: Zika virus vaccines</b>
<b>Description</b>	:	Vaccine opportunity assessment
<b>Contents</b>	:	Executive presentation + commercial forecast model
<b>Therapeutic Area</b>	:	Novel viral vaccines
<b>Publication date</b>	:	February 2016
<b>Catalogue No</b>	:	VAMV068

## Background

**Zika virus (ZIKV)** is a member of the *Flaviviridae* family that includes several mosquito-borne viruses of major clinical importance, including yellow fever virus, Japanese encephalitis virus and dengue virus. Although widely distributed across West and East Africa and Southeast Asia (46 countries/territories since 2007), **ZIKV** has only recently been identified as a major cause of disease. In most cases, **ZIKV** usually causes a mild and often asymptomatic illness. However, neonatal microcephaly and Guillain-Barré syndrome (GBS) have recently emerged as possible (but not definitively confirmed) complications of **ZIKV** infection. For example, in Brazil, an estimated 1.5 million **ZIKV** cases have occurred since April 2015 and up to November 2015, 1,248 neonatal microcephaly cases have been reported.

**ZIKV** will likely to spread to other countries in the region that have *Aedes* mosquitoes. Autochthonous **ZIKV** transmission is expected to occur in the US whereby the gulf coast region and Florida are most vulnerable. The WHO declared the Zika virus outbreak a global emergency in February 2016. Many private sector companies and government-funded organizations have started work on developing a Zika vaccine due to the significant global public health concern.

The **MarketVIEW** product is a comprehensive MS Excel-based model + summary presentation that forecasts the potential commercial value of Zika virus vaccines across endemic (public + private) and travelers' markets to 2035. The model contains value (\$ m) and volume (mio doses) predictions along with launch timeframe, TPP, pricing and penetration estimates for all key commercial segments. **LO/BASE/Hi** forecast scenarios are included based upon a differing pricing justifications. An up to date review is also given for latest disease background and epidemiology, along with current R&D status.

## Methodology

**VacZine Analytics** has closely monitored all significant source material pertaining to Zika virus (ZIKV) and associated sequelae e.g. ZIKV-associated microcephaly. Source materials used are literature articles, government websites, medical bodies and associations, conference proceedings etc. Previously published research by **VacZine Analytics** in the field of novel viral vaccines has also been utilised.

### PRODUCT CONTENTS:

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\*\*\*\*This product is composed of **one** forecast model<sup>1</sup> and a summary presentation<sup>2</sup>

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ZIKV vaccine: predicted global revenues (private) (\$m) to 2035  
ZIKV vaccine: predicted global revenues (travel) (\$m) to 2035  
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<sup>1</sup> Model contents available upon application

<sup>2</sup> Presentation titles may apply to more than one slide



## Continued.....

ZIKV: symptoms  
ZIKV: comparative symptoms with dengue virus and Chikungunya virus  
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ZIKV vaccines: R&D pipeline – February 2016  
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Disclaimer

**Slide number = 65**

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## About VacZine Analytics:

**VacZine Analytics** is an established strategic research agency based in the United Kingdom. Its aim is to provide disease and commercial analysis for the vaccine industry and help build the case for developing new vaccines and biologics.

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