

LSUHealthPublic Forum on Zika Virus

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Therapeutics and Research on Zika Virus

Therapeutics - I

- “ Pregnant women with Zika
 - “ Offer ultrasound beginning first trimester
 - “ Ultrasound better at defining absence rather than presence
 - “ Non-directive counseling
- “ Babies with congenital Zika syndrome
 - “ Supportive and symptomatic care

Therapeutics - II

“ GBS

- “ Admission to hospital with proactive care
- “ ICU for respiratory, bulbar, autonomic complications
- “ IVIg or PE when non-ambulatory or progressing

Needs to Combat Zika

- “ Resources: Financial and health care systems (neurological)
- “ Surveillance
- “ Vector (mosquito) control
- “ Public and health care provider education
- “ Research
 - “ Diagnostic tests
 - “ Vaccine
 - “ Therapeutics

Vaccine

“ None available yet

“ Development starting at NIH and private companies

Spraying for Mosquitoes in Honduras



Mosquito Control

- “ Genetic modification of mosquitoes
- “ Irradiation of mosquitoes
- “ Bacterial modification of mosquitoes

Antiviral treatments for Zika

“ None available yet



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Helpful Links

- “ World Health Organization (WHO) www.who.int/
- “ Pan American Health Organization (PAHO) www.paho.org
- “ World Federation of Neurology (WFN) www.wfneurology.org
- “ Centers for Disease Control and Prevention (CDC) www.cdc.gov
- “ Neurovirus Emerging in the Americas Study (NEAS) www.neasstudy.org/en/home/