



**DEPARTMENT OF THE ARMY
US ARMY MEDICAL RESEARCH INSTITUTE OF
INFECTIOUS DISEASES
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FORT DETRICK, MARYLAND 21702-5011**

09 July 2017

Dr. Thaddeus G. Golos, Ph.D.
Professor and Chair, Comparative Biosciences
University of Wisconsin–Madison

Dear Ted:

It is my pleasure to provide this letter in support of your team's R01 proposal "Pathways of vertical Zika virus transmission in nonhuman primate pregnancy." Specifically, I am pleased to act as a co-Investigator to assay for ZIKV positive- and negative-sense RNA in tissues from neonatal macaques with congenital ZIKV infections in this R01.

As you know, my group has developed a technique for specific detection of viral RNA of both positive and negative polarities as a means of determining whether vRNA signal reflects ongoing viral replication; negative-sense RNA is a replicative intermediate produced only in infected cells. I was quite excited to see that the technique we initially developed for mouse tissues works well for formalin-fixed, paraffin-embedded tissue sections from your ZIKV-infected macaques, as you show in your application. I am therefore confident that we will be able to sensitively detect ZIKV RNA in tissues from macaques in your proposed R01 project.

As an investigator, I am fully supported by the Pathology Division of USAMRIID and therefore cannot receive salary support from this project. As we discussed, direct costs requested for my role in this project are for assay supplies only; these will be purchased by UW–Madison and shipped to my laboratory.

I have enjoyed working with your team so far and am excited to continue our collaboration. I wish you the best of luck on this proposal and look forward to future work together.

Best regards,

Redacted by agreement