

From: (b) (6)
Sent: Sun, 15 Mar 2020 19:09:44 -0400
To: Auchincloss, Hugh (NIH/NIAID) [E]
Subject: Fwd:

Sent from my iPhone

Begin forwarded message:

From: Sia Hersini (b) (6)
Date: March 15, 2020 at 4:15:21 PM EDT
To: "Fauci, Anthony (NIH/NIAID) [E]" <(b) (6)>

Dear Dr. Fauci,

Many years ago, I did some research on the effect of SIV infection on the Macaque immune response.

I have some thoughts on the current COVID-19 spread and in general about other virus with unknown cure or immunity vaccine.

In research, we have adhered to a scientific method necessary for the protection of the public in the development of new technology and treatment. There are times however when that Boyle method and philosophy should give way to Descartes approach.

The current infection has thus far shown a predilection for causing severe illness in men more than women and in adults over 30 sparing children from mortality. I believe there is a reason for this and it's not because of past exposure to other coronavirus strains. I believe it is because of children being in the middle of or having recently completed their immunization schedule for school. These immunizations are absolutely not providing an immunity to COVID-19, BUT, they are causing an increase in the numbers of gamma delta t cells and NK cells. The children are responding better to a virus with an 5.1 day median incubation period because of the higher values of gd and nk cells. Women have a better gd and nk cell response to the flu and other viral infections which could explain why there is a gender difference in mortality. I would suggest that adults update their vaccines and especially the hep b. Interestingly, the hep viruses illicit a better gd and nk cell response and although most Western countries require hep b for health care workers, the immunization rate in China is only 60% which may explain the high mortality among health care providers.