

## **The University of Tennessee Health Science Center**

**<https://uthsc.edu/coronavirus/responses.php#children>**

**Why are we not using O<sub>3</sub>/Ozone treatment with this virus when we can lysis the cell wall and effectively disrupt the virus and boost the immune system...especially if we are having to extend time to make an effective vaccine?**

Superoxides, cold plasma, ozone treatment, ultraviolet light, and other germicidal modalities have been tested against many viruses and do exhibit killing activity against many of them. Some of these are utilized in niche industries, such as in treatment of wastewater. They have not come into common use in healthcare or household settings mainly because of commercial reasons – there is little perceived need for new treatments, standard disinfectants work fine at low cost, there are cost barriers to market entry, and most of these treatments are not patentable. Ozone therapy in humans has been tested but is not at a stage where it could become an FDA approved therapy any time in the near future.