

S6-1.4

Study the Effect of UVC Radiation on Specific Regions of the SARS-CoV-2 Coronavirus Genome Encoding the Synthesis of Structural Proteins

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The COVID19 pandemic that terrorizes the world with terrible aggression calls for the urgent finding of tools that would quickly inactivate viruses in the environment to reduce the chance of aerosol infection and contact transmission. For the inactivation of SARS – CoV – 2 viruses we used LEDs with maximum emission on the wavelength $255 \pm 5\text{nm}$. All sources of UVC bactericidal radiation have emission peaks close to the center of the DNA and RNA absorption spectrum and may underlie devices and therapies to disrupt the spread of infection. We studied the inactivation of SARS – CoV – 2 viruses by annihilating the structural components of the viruses that manifest in the amplification process in the PCR procedure.