The Nanoparticle Treatment

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Abstract

Statement of the Problem: The CDC approach to the Covid-19 virus is to quickly develop a vaccine which even if successful is impossible to implement for the entire World population, let alone unacceptable because of attendant social unrest and economic collapse. Only a treatment of Covid-19 patients tested positive is possible. President Trump was right about the treatment of using UV disinfection of virus, but a UV source inside the body of a Covid-19 patient is not known. In this dilemma, nanoparticles (NPs) delivered intravenously to the blood are proposed to provide the UV disinfection.

Analysis: Simple QED theory based on the Planck law claims atoms in NPs lack the heat capacity to conserve heat by an increase in temperature, and instead NPs convert heat from the blood into EM radiation at a wavelength depending on the NP size, e.g., 80 nm lipid NPs emit UVC (254 nm) radiation. The NP treatment of UVC disinfection kills the live virus in the infected patient to produce the inactivated virus that acts as the antigen to elicit immunity to subsequent infection. Only lipid NPs in saline are included in the NP vaccine; genetic based fragments are excluded. What this means is the NP vaccine not only disinfects the patient of CoVid-19, but also elicits immunity to subsequent CoVid-19 infections. By controlling the NP dose, the UVC is held to low intensity levels minimizing collateral DNA damage in adjacent tissue to allow recovery by DNA repair systems.

Conclusion & Significance: The CDC is requested to promptly initiate the Nanoparticle Treatment of CoVid-19.

Recent Publications

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Biography

Thomas Prevenslik is a retired American living in Hong Kong and Berlin. He began simple QED nanoscale heat transfer development in Hong Kong in 2010. Simple QED has nothing to do with Feynman's QED and is based on the Planck law that precludes atoms in nanostructures the heat capacity to conserve heat by temperature. Instead, heat conservation proceeds by creating size dependent standing EM radiation E inside the nanostructure. For a spherical NP, simple QED creates a quantum state $E = hc/2nd$, where h is Planck's constant, c the velocity of light, with n and d the refractive index and diameter of the NP.

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Notes/Comments: