



Eqoria bds- biological decontamination system

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Abstract:

The decontamination by using atomic nitrogen was already tested on contaminated small surfaces. For the decontamination of larger surfaces, we propose the use of “brushes” with atmospheric pressure molecular nitrogen containing atomic nitrogen. We believe that it can also use as ecological viral disinfection, since the active substances by which atomic nitrogen has a decontaminating effect (OH, O₃, O, NO, etc) in different states of excitation are natural and molecular nitrogen is not toxic. All the active species involved are also produced naturally during a lightning storm. What we are actually doing is to reproduce part of the effects, due to lightnings, but at the right place and in the right proportion. However, lightnings don't produce them at those locations, where these species can be useful in fighting the virus spread through a complementary disinfection method.

Biography:

James Angelo Eqorian , First Citizen of EQORIA, United Citizens of Earth. Founder of EQORIA EARTH CONSORTIUM, EQORIA Hi Council Vision Leader, PhD in Planetarian Singularity and Harmonism



Recent Publications:

1. Ganciu M, Orphal J, Pointu A M & Vervloet M (2005) “Determination of atomic nitrogen concentrations using titration with molecular oxygen” Chem. Phys. Lett. 413 (2005) 468
2. A.-M. Pointu, A. Ricard, E. Odic & M. Ganciu (2008) Nitrogen Atmospheric Pressure Post Discharges for Surface Biological Decontamination inside Small Diameter Tubes Plasma Process. Polym. 2008, 5, 559–568
3. Sakudo A, Toyokawa Y& Imanishi Y (2016) Nitrogen Gas Plasma Generated by a Static Induction Thyristor as a Pulsed Power Supply Inactivates Adenovirus. PLoS ONE 11(6): e0157922.

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