

COVID-19 genezen of voorkomen?

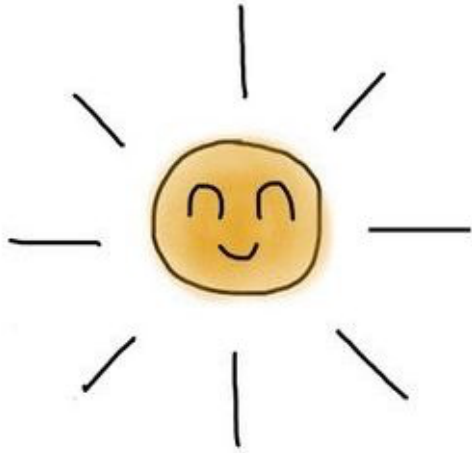


**COVID-19
genezen**

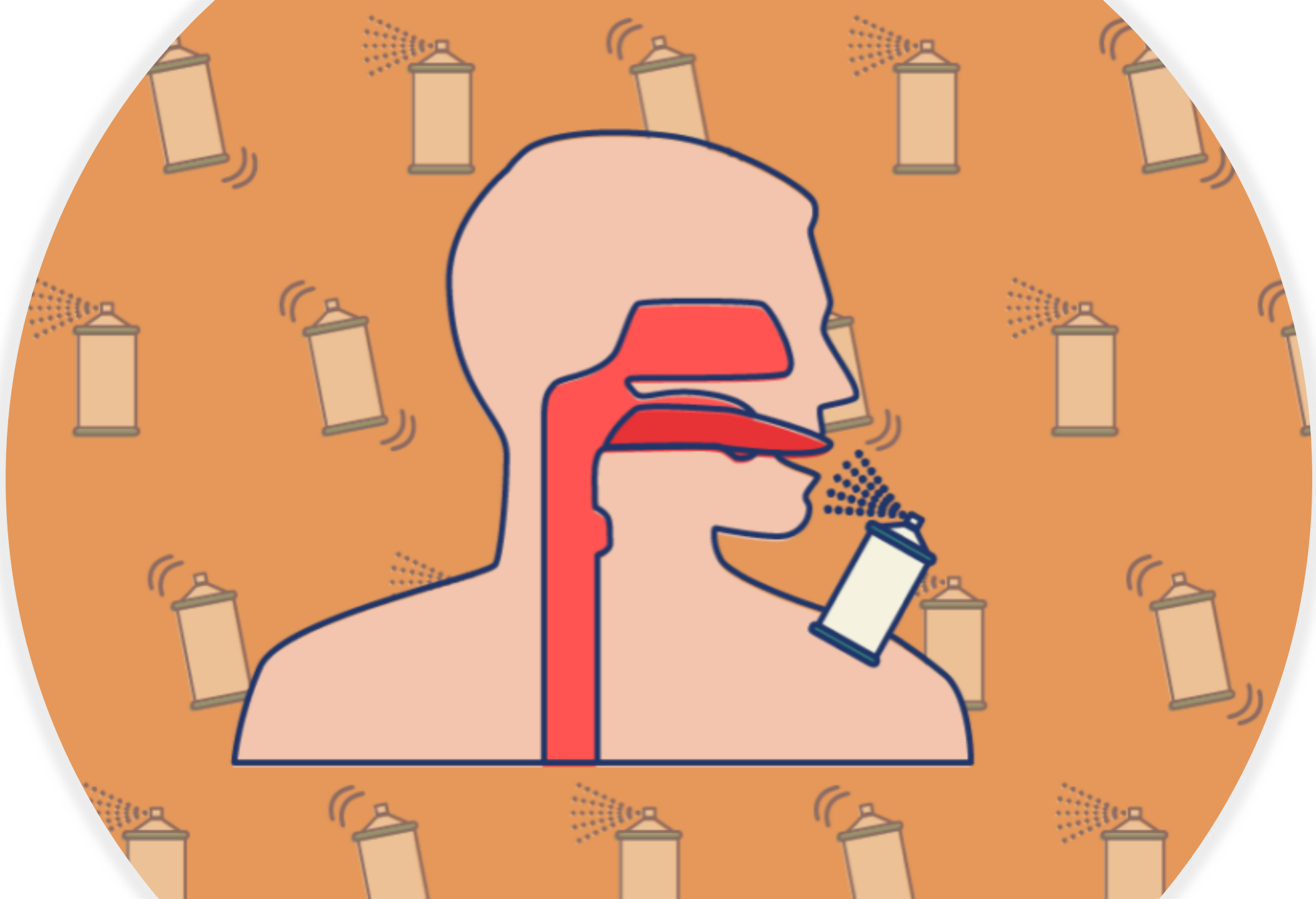


**COVID-19
voorkomen**

Vitaliser: the medicine of light



- Anti-virus (COVID-19) spray
- Mond en huidspray, ook te gebruiken op oppervlaktes
- Doodt COVID-19 virus binnen enkele secondes
- Activatie door zonlicht
- Belicht met 405 nm voor optimaal resultaat:
activeert de photosensitiser
- Programmeert immuunsysteem op COVID-19



Oraal gebruik spray

1. Kleine hoeveelheid COVID-19 virus is aanwezig in de mond
2. Spray 3 keer per dag Vitaliser in de mond (belicht 405 nm)
3. COVID-19 virus wordt gedood
4. Dode COVID-19 cellen worden afgevoerd door immuunsysteem
5. Immuunsysteem begint COVID-19 virus te herkennen
6. Binnen 14 dagen is het immuunsysteem optimaal
(incubatietijd COVID-19 ook 14 dagen!)



Vitaliser is al succesvol gebleken bij:

- Herpes
- Virale hepatitis
- HPV (papilloma)
- **RSV (respiratoir virus):**
virus dat infecties veroorzaakt in longen en luchtwegen

TO DO

Test: Spray op oppervlaktes

Check: COVID-19 virus dood?

Voorspelling: 100% dood

Test: Spray op huid

Check: COVID-19 dood? Hoe lang is de huid niet vatbaar voor het virus?

Voorspelling: Enkele uren

Test: Oraal gebruik spray

Check: Preventie tegen COVID-19 binnen 14 dagen

Voorspelling: Geen hevige symptomen

created by
Andrei V. Reshetnikov



Developer of Radachlorin/Bremachlorin ®

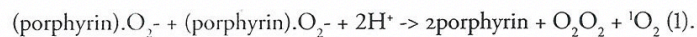
MNM: Okay, so this brings us to a much more technical part of the discussion about how light and photosensitizers interact with the immune system, and I'm sure readers with a good background in bio-organic chemistry will be intrigued by what you have to say about this. [Editor's note: Readers who lack sufficient training in chemistry may elect to skip Dr. Reshetnickov's response to this question and jump ahead to the next section.]

AVR: So from a chemist's perspective, the main point here is that many aromatic systems, including porphyrin macrocycles, are able to stabilize a metastable peroxide state of some peripheral functions—such as the vinyl, formyl, and carbonyl residues, which can be modified due to oxidation by addition of atmospheric molecular oxygen. That reaction is facilitated by light being a kind of electromagnetic energy, as it is after absorbing a quantum of energy that some aromatic (e.g. porphyrin) systems turn to an activated triplet state.

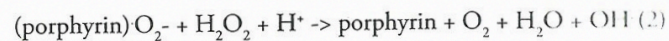
In this light-activated state, many unusual and impossible reactions may occur that would never start under normal conditions. There is some mystery about the porphyrin reactions, in that some moieties of porphyrins get easily oxidized to peroxides. What is really amazing is that those peroxides are incredibly long lived and stable. The peroxides include superoxide anions.

So, the increased immune recognition takes place due to chemical reaction of biomolecules with ROS. Oxygen, going from atmospheric O_2 to O_3 , HO_2 and O , attaches to the biomolecules, creating polar moieties. There is then a spatial distortion of cell receptors or markers responsible for function of presentation to the immune system.

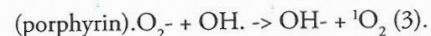
This is how it happens, starting in an acidic and reducing environment of the tumor with a known reaction of the superoxide-anion (oxygen attached to the porphyrin), previously formed from the porphyrin and oxygen under light. The reaction is called dismutation and results in singlet oxygen and hydrogen peroxide:



Additionally, hydroxyl radical is formed as a result of reaction between the superoxide-anion and hydrogen peroxide from the above process:

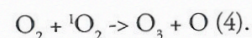


Then, upon reacting with the superoxide-anion again, this makes one more molecule of singlet oxygen:



Hence, the final products in the tumor—again, in the absence of light—are oxygen, water hydroxide-anion (alkali) and *singlet oxygen*. The singlet oxygen is just a little weaker as an oxidizer than the hydroxyl radical.

Under certain conditions oxygen and singlet oxygen can further lead to ozone and a very reactive form of atomic oxygen:



Oxygen-containing radicals are byproducts of both the photosensitizer's reactive oxygen species (the ROS) and the oxidized substrates or biomolecules. Based on chemiluminescence measurements, we know that these ROS can persist from minutes to tens of hours. They can play an important role in PIT, adding to the oxidizing ability of the photosensitizer-peroxide itself that accumulated in the site of disease. So, the biomolecules sitting on outer membranes of cancer cells (or bacterial cells) get photochemically modified under the action of the peroxides and other ROS. Since many of the biomolecules play the role of signaling molecules and receptors, and many also have recognition-binding sites, the antigen-presenting function is changed. This leads to improved recognition by the immune system and thus to better disease control.

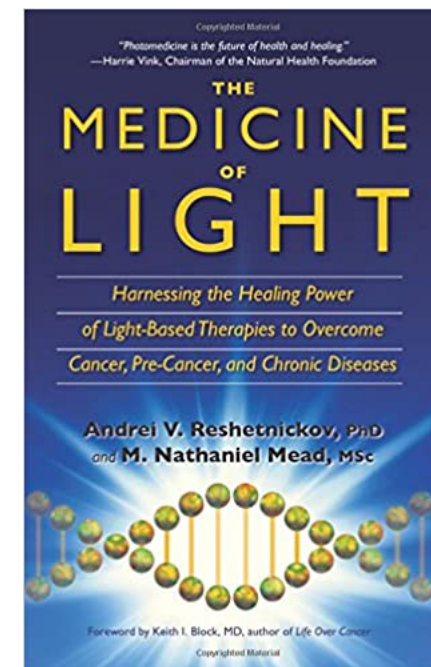
Additionally, ROS can easily attach to the polyunsaturated fatty acids (PUFAs) because of their double bonds. The ROS attach to the carbon, easily eliminating hydrogen or electro-positive moieties of the molecules. When it does so, it changes the spatial orientation of the molecule, and the resulting change in the configuration makes it more readily recognized by the immune system. So, in conclusion, antigen presentation on the tumor cells and bacterial cells is increased, and this makes these cells suddenly much more vulnerable to the immune system.

The Medicine of Light

Andrei V. Reshetnickov

&

M. Nathaniel Mead



Overige producten

- Radachlorin/Bremachlorin
- Thermochlorin
- MRI agent
- Bremachlorophyll
- Givitel vitaliser
- Morion Forte gel
- Joy Pearl
- **Products of L'Ortie (website services are suspended)**

Klachten die verholpen kunnen worden

- Basal cell carcinoom
- Melanomen
- Herpes
- Virale hepatitis
- HPV (papilloma)
- RSV (respiratoir virus):
virus dat infecties veroorzaakt in longen en luchtwegen
- Acne
- Psoriasis
- Eczeem
- Slechte adem

Cosmetische toepassingen

- Rimpels
- Tanden bleken
- Cellulitis