

Die Lungen der Erde wurden verbrannt!
Amazonas Feuerrodungen, Australische, Kalifornische und Russische Feuerstürme!

Die Erde Gaia ist ein ganzheitliches lebendes Wesen! Sie hat Homöostase!
Die Erde entwickelt sich!
Deshalb entsteht das Virus, das sich auf die Lungen der Menschen auswirkt!

Wir Menschen sind untrennbarer Teil des Erdenwesens,
aber wir sind blind und haben kein Herz für sie!
Unsere Taten haben Auswirkungen, wie man sieht.
Eigentlich ist der "Homo technologicus" der wahre Virus, ein Parasitäres Wesen!

Wenn wir kapitalistischen egoistischen Menschen uns nicht ändern, löscht uns die Erde aus...!!!
Entwicke dich spirituell und denke um -
Sende Energie in Dein Herzchakra und verbinde dich mit der Erde...
Liebes-Bewusstsein ist benötigt - Nutze die Zeit für Selbstliebe und Meditation!
Es ist das Erfordernis der Zeit das kollektive Bewusstsein zu ändern ...
Liebe und Bewusstheit statt Angst!

Shamanic Revival!

**Beifuss ist antiviral - corona virus vereint die menschen - homöopathie: Arsenicum
Album C30**

**Kämpfe nicht gegen das Virus,
sondern stärke dein Immunsystem:**

- Vitamin D3 (10.000 täglich)*
- wichtig für das angeborene Immunsystems

- wichtig für das adaptives Immunsystem (T-Zell-Funktion)
- wichtig für die antivirale Th1-Immunreaktion
- Vitamin C (1-2 Gramm täglich)*
- stimuliert Leukozyten
- stimuliert das Erkennen von Pathogenen
- stimuliert die Kommunikation zwischen angeborenem und adaptiven Immunsystem
- Zink (15-25 mg täglich)*
- steigert die Zytokinproduktion zur Aktivierung von Immunzellen

making it some 23 times more fatal than seasonal flu infections (which is why a worldwide pandemic could be very serious indeed). Like influenza organisms this virus primarily affects the lungs and is spread most often through respiratory droplets – though direct contact with body secretions can also transmit it. As with the majority of respiratory viruses, infection stimulates coughing and sneezing which enables the virus to find more hosts. (Many people who are infected have minor or no symptoms, so that they act as stealth carriers, spreading the virus throughout the population.) Unfortunately, the virus can also survive for a relatively long time on most surfaces, thus being transmitted in some cases by touch. (You touch the door knob, then your mouth or nose, and Bob's your uncle.) SARS and MERS (Middle East Respiratory Syndrome – caused by a related viral pathogen) also tend to infect the GI tract in people who become ill. Around a quarter of those infected develop a rather intense diarrhea. Early studies of the new virus have found viral particles in stool samples which indicates it might also spread via feces (as SARS and MERS do) and most likely in urine (again like SARS and MERS). As with SARS, Cov-2 has a sort-of distinct three-stage impact on lung tissue once someone is infected: initial infection that allows viral replication, immune response which can include in more serious cases immune hyper-reactivity, and relatively minor to very severe pulmonary damage. That being said, most infections tend to be very much like the flu. Most people will in fact believe themselves to have the flu – not a coronavirus infection. In reality, Cov-19 infections for around three quarters of those infected will remain relatively mild. Only about 18% of those infected experience a severe infection. Most of those will be older, that is people whose immune systems have aged over time; people with compromised immune systems; and people with existing disease conditions such as COPD. Somewhat oversimplified, here is what serious Cov-19 infections do in the lungs. Once in the lung the virus infects specific cells, among them the cilia. The cilia can be likened to tiny hairs. They protrude from cells in the lungs and continually move like waves on the ocean. This moves mucus and particulate matter up and out of the lungs. During infection, SARS viruses often kill the cilia they infect which allows debris and fluids to build up in the lungs (this is pneumonia). When the infection becomes this serious the immune system can become highly activated. This sends large numbers of immune cells to the lungs to stop the infection, clear out the debris, and heal the tissues. Oversimplified (again), during

infection the affected cells send out chemical messenger molecules which (despite their being a variety of them with different names) I group together under the single name of cytokines. (Really, at root, this is just a tomato tomahto kind of thing; they are all messenger molecules that do stuff in the body during infections.) When the Cov-2 virus, finds its preferred cells it uses very specific and evolutionarily ancient strategies to get inside those cells, take them over, and use their structures to reproduce. Then it breaks the cells open, releasing new viruses into the body which can then go on to infect other cells, and so on, ad nauseum. Along the way it stimulates coughing to infect more mammals to spread the virus into new hosts. It is important to realize that viruses are some of the oldest living things on the planet (despite this many biologists continue to insist viruses are not "alive," which as anyone with a brain can plainly see is inaccurate). Viruses are in fact billions of years old. As such they are exceptionally good at what they do and like all living things they learn as they go, adapting new behaviors along the way. Plants, in comparison, are only about a billion years old, complex land plants around 300 million years or so. In contrast our most ancient hominid ancestors are at most 1-2 million years old, our species in the form it has now is only around 35,000 years old. Western medicine (at a generous estimate) is 200 hundred years old. Its knowledge of viral pathogens and infections is only around 50 years old. Much of that is rudimentary or even incorrect (based as it is on outdated ecological models and medical understandings). All pathogens are sophisticated at modulating human cytokines to achieve their own ends. They have learned how to circumvent many of our normal immune responses in order to facilitate their entry into the body, their reproduction, and their release into new hosts. Elderly and compromised immune systems are quite often unable to respond sufficiently to these viral sophistications; they get overwhelmed. Cytokine responses in the human body often involve inflammation (a normal and important part of the healing process and response to disease). With some infections, if the immune system can't shut down the infection successfully an ever-worsening inflammatory cascade occurs (sometimes called a cytokine storm). This can sometimes be extremely serious. With the SARS-group of viruses, the damage usually occurs in the lungs. Even if people recover, this can take years to repair itself. If severe enough, it will cause death. Cytokine storms like this can spread throughout the body via the blood and will sometimes cause what is called septic shock. Because the blood circulates through the liver and kidneys, these organs some of the earliest organs that are damaged by a cytokine storm. Eventually the organs shut down, death often follows. (With MERS acute kidney damage is very common.)

Mechanisms of Cellular Infection and Natural Interventions One they get into the body, the SARS-group of viruses attach to what are called angiotensin-converting enzyme-2 (ACE-2) linkages on the surface of cells. This is an integral membrane protein found on many cells throughout the body, including the lungs (but not so much in the nasal or sinus tissues), GI tract, heart, vascular cells, and the kidneys. ACE-2 is intimately involved in regulating the renin-angiotensin system (RAS). RAS is active throughout the body and in most organs including the lungs, spleen, lymph nodes, kidneys (where it regulates renal electrolyte homeodynamics), the vascular system (where it regulates constriction and relaxation of the vessels), and so on. RAS is crucial to the functioning of most organs in the body. ACE-2 has a number of regulatory functions, among them converting angiotensin 2 (Ang-2) to less potent molecular forms. (Angiotensin 2 is a highly bioactive molecule, ACE-2 regulates/modulates its actions.) The SARS-group of viruses attach to ACE-2 wherever it occurs on the surface of cells (including the cilia in the lungs). [Herbs that protect ACE-2 are Glycyrrhiza spp (licorice), Scutellaria baicalensis (Chinese skullcap root), Sambucus spp (elder), luteolin, Aesculus hippocastanum (horse

chestnut), *Polygonum cuspidatum* (Japanese knotweed root), *Rheum officinale*, and plants high in procyanidins and lectins (e.g. cinnamon)]. These ACE-2 linkages are the entry point for the viruses infection of cellular tissues. Once ACE-2 is damaged by viral attachment and penetration ACE-2 levels in the lungs (or the affected organ) fall, ACE-2 function declines or is destroyed, the RAS system is no longer modulated properly. The lungs show enhanced vascular permeability, edema, neutrophil accumulation and worsening lung function. ACE-2 function also tends to be less dynamic the older people grow. This is part of the reason that the SARS-group of viruses has more damaging impacts on the elderly [Herbs that upregulate ACE-2, increasing its levels in the body, are *Pueraria* spp (kudzu), *Salvia miltiorrhiza* (Dan shen), and *Ginkgo biloba*]. ACE inhibitors (in contrast to ACE-2 upregulators) will actually increase the presence of ACE-2 and help protect the lungs from injury [Some herbs that do that are *Crataegus* spp (hawthorn) and *Pueraria* spp (kudzu)]. Upon infection by the SARS-group, a cascade of inflammatory cytokines is initiated: IFN-gamma, CXCL10, IL-1b, TNF-a, and IL-6 are some of the major ones, IL-6 particularly so. RANTES, MCP-1, IL-8 are elevated in about half of those who are infected. The p38 MAPk pathway is highly stimulated and as infection progresses levels of PGE2 and TGF-b (with a later elevation of IL-2) all rise. (*Salvia miltiorrhiza* is a strong cytokine adaptogen, specific for this kind of thing; it acts to normalize cytokine dysfunction.) Lowering TGF levels can be very helpful (herbs that can do this are *Angelica sinensis* and *Astragalus* spp). HMGB1 levels during SARS-group cytokine cascades can be high, especially in those who are seriously ill (*Salvia miltiorrhiza* is specific for reducing HMGB1 levels). During infection this cytokine cascade initiates a massive movement of immune cells, their infiltration and accumulation into lung tissues. Generally, the older the infected animal (human or otherwise) the greater the cytokine upregulation and the worse the outcome. Sharply reducing IL-1b has been found to significantly decrease the impact of the disease on the infected and to inhibit mortality [Some herbs for reducing this cytokine are *Polygonum cuspidatum* (Japanese knotweed), *Scutellaria baicalensis* (Chinese skullcap), *Cordyceps* spp, *Pueraria* (kudzu), and *Eupatorium perfoliatum* (boneset)]. Severe hypoxia (not enough oxygen) often occurs in the cells that are affected (and in the person so afflicted). The RAS-stimulated cellular hypoxia generates high levels of free radicals through the rapid increase of Ang-2, i.e. a hypoxia-re-oxygenation injury cycle. The cells generate large levels of hydrogen peroxide and superoxide radicals. Endothelial cells become porous and organ and cellular integrity is lost. In short the excessive Ang-2 levels (due to the destruction of the ACE-2 cells by the virus) causes massive damage to the lungs. Lymph and spleen tissues are often quite compromised as well. Protecting the cells from the induced hypoxia significantly reduces the damage in the lungs. (*Rhodiola* is specific for this. It prevents hypoxia-induced oxidative damage, increases intracellular oxygen diffusion, and increases the efficiency of oxygen utilization.) Again, the virus specifically targets (and replicates within) ciliated cells, destroying the cells and their capacity to move mucus up and out of the lungs. (Cilia-protective herbs are *Cordyceps* spp, olive oil and leaf, any berberine-containing plants, and *Bidens pilosa*.) Autoantibodies are produced that begin to attack host epithelial and endothelial cells, increasing the destruction. Reducing autoimmunity (*Rhodiola*, *Astragalus*, *Cordyceps* spp) and protecting endothelial cells (*Polygonum cuspidatum* – Japanese knotweed root) is crucial.¹¹ Autopsies of those who have died from infection by the SARS-group of viruses has revealed that alveolar damage in the lungs is severe. There is massive damage to the lymph nodes of the lungs, including severe necrosis in the white pulp and marginal sinus of the spleen, destruction of the germinal centers in the lymph, apoptosis of lymphocytes, and an infiltration of monocytic cells. Protection of spleen

and lymph are essential [Ceanothus spp (red root), Phytolacca (pokeroor), Scutellaria baicalensis (Chinese skullcap root), Salvia miltiorrhiza, Bidens pilosa]. While the SARS-group of viruses often replicates in ciliated epithelial cells, they do as well in infected dendritic cells, both mature and immature. It does not kill the DCs but merely stops them from maturing and stimulating an effective adaptive immune response. DCs exist abundantly just under the epithelium layers in the lung tissue. The cytokine upregulation that infection causes makes the endothelium much more porous, allowing the virus to penetrate and infect the DCs. These viruses very powerfully upregulate IL-6 and IL-8 in the epithelial cells. These particular cytokines concentrate around the immature DCs and strongly inhibit their maturation and the priming ability of mature DCs for the generation of active T cells. This inhibits the production of active T cells and allows the virus to enter and severely damage the lymph organs in the lungs. Stimulating DC maturation (Cordyceps spp) and increasing T cell counts [Glycyrrhiza spp (licorice), Ceanothus (red root), Sambucus spp (elder), and zinc] can help reduce symptom picture and disease severity.

Natural Protocols for SARS-group Viral Infections, Including COV-19

The rationale here is to find plants that will counteract the actions of the SARS-group of viruses, then to cross correlate those in order to choose the plants that are present in most categories of action and that have a tradition of use for these kinds of infections. What is needed are plants that have the following actions:

- 1) Plants specifically antiviral for the SARS-group of viruses; the strongest known so far are Scutellaria baicalensis (Chinese skullcap root), Houltia spp, Isatis spp, Glycyrrhiza spp (licorice), Forsythia suspensa (the fruit), Sophora flavescens, and Lycoris radiata (extremely potent). Lonicera japonica and Polygonum cuspidatum are also effective as antivirals for coronaviruses as a group.
- 2) Block viral attachment to ACE-2 linkages. Specific for this are Glycyrrhiza spp (licorice), Scutellaria baicalensis (Chinese skullcap root), Sambucus spp (elder), luteolin, Aesculus hippocastanum (horse chestnut),