

Study group AIDS-therapy

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To people affected, their doctors and carers

To Media

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Covid-19 : The vaccine that will come

Dear Sir/Madam

After we are told time and time again, that the only way to end the covid-19 crisis would be a vaccine, the question arises as to how such a vaccine could do to make this possible and how it could be developed. The pharmacologist Dr. Loretta Bogdan from the Covela Association (Rome) has addressed these questions and provided a comprehensive analysis of the ongoing clinical studies and animal trials for the development of such vaccines, that could be carried out due to short-term permits with reference to the given urgency. Animal trials on side effects were avoided as well as those on reinfection, which takes place because SARS-Cov2 RNA-sequences constantly mutate and therefore may occur in different forms within one organism. According to Loretta Bogdan, we should now persevere until a first phase 3 clinical trial has been completed, whilst after the relaxation of the lockdown measures a media hype about re-infection or a second wave is likely to happen. Antiviral regimens to reduce mortality in Covid-19 patients can be tried out, as long as this takes, with no account of harmful side-effects. There is also no examination, whether there is a cross-sensitivity between flue-vaccines and SARS Cov-2 which share similar RNA-sequences which may be responsible for the cytokine-storm occurring in Covid-19 patients. Likewise there is no investigation on the question, what role mutants of different virulence, which can develop if a vaccine does not match a virus perfectly, have played in the formation of resistant influenza viruses that reduces the effect of vaccination in the elderly, vaccinated year by year.

<https://drive.google.com/file/d/1j9oVSjo2rGJ3WMt7bVdATgf1J4cSFyY-/view>

Beside this the questions remains, what role vaccine adjuvants play in these processes and which adjuvants should be added to the new vaccine. In addition to these questions, the question remains as to what role the encased SARS Cov-2 RNA sequences play in the severe course of Covid-19, which occurs world-wide in people suffering from obstructive lung diseases, diabetes, hypertension, cardiovascular diseases with thrombosis-risk, all of which occur, as has been demonstrated in many studies with chronic air pollution. The damage to the bacterial flora in the intestine and subsequently in the lungs due to continuous administration of antibiotics could also be responsible for the decline of antiviral immunity in Covid-19 patients.

All of these factors should not play any role in the Covid-19 pandemic, which can, as we were told since its beginning, only be stopped by means of a new vaccine. We are apparently supposed to take a briefly tested vaccine through ongoing forced testing, contact tracing and quarantine measures, whilst single states secure large amounts of vaccine doses, before it is even clear, whether a vaccine against different strains of a mutating RNA-virus is effective in different populations and what side-effects it has.

The fact that ROCHE, which has made a PCR-Test for SARS Cov-2 available world-wide now wants to work with an own research group to develop a new antiviral substance, shows that there are doubts about the availability of an effective vaccine on time, whilst Anthony Fauci, head of the CDC

campaigns for a mRNA vaccine from MODERNA, which demonstrates a classical case of Gen-therapy, triggering immune responses to the virus using artificially generated virus-like sequences. The question whether the virologist Christian Drosten, who created the SARS Cov-2 PCR-test, has ever demonstrated the complete SARS-Cov-2 virus or not, made the German Biologist Stefan Lanka to ask for control tests, which could be carried out by an independent laboratory.

<https://christoph-hörstel.de/bk5-lanka-2020-6-22/>

The Bill and Melinda Gates Foundation who finances via its subsidiary, the Gavi-Foundation, vaccination programs of the WHO receiving recently again hundreds of millions from the European Union will benefit either from the sales of vaccines as also from the sales of antiviral substances. That nucleoside analogue substances, such as Remsedivir cause heritable damage to the mitochondrial DNA of mothers, as has been demonstrated in various studies, is completely faded out now. A preventive, anti-inflammatory therapy from natural substances to support the lungs and the immune system and thereby prevent the severe course of Covid-19 in risk groups, is now as little a n issue as urgently needed measures to reduce particulate matter and high levels of NO₂, O₃ and CO₂.

[Emergence of genomic diversity and recurrent mutations in SARS-CoV-2](#)

[HTML] nih.gov

[The dynamics of humoral immune responses following SARS-CoV-2 infection and the potential for reinfection](#)

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[Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice](#)

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