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https://www.immunity.org.uk/articles/felix-de-fries/

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SARS-Cov-2: The damage to mitochondria caused by the virus from the laboratory and the disorders by mRNA vaccines developed against it

Dear Sir/Madam

Dear Contemporaries

As various studies recently published in well-known scientific journals show, SARS-Cov-2, the corona virus recreated at the Institute of Virology in Wuhan, into which a furin cleavage site was incorporated, directly damages the mitochondria and thus the defense activity against viruses through autophagy, mitophagy, programmed cell death and specialized immune cells, which results in a permanent derailment of the immune system at various levels, to the so-called reading frame shift, in which errors occur when reading the viral RNA, and to the switch to an oxygen-free cell metabolism, in which the formation of the energy carrier molecule ATP in cells with the help of the Mitochondria is increasingly diminished.

[HTML] Immune system cells from COVID-19 patients display compromised mitochondrial-nuclear expression co-regulation and rewiring toward glycolysis

[HTML] sciencedirect.com

Decoding SARS-CoV-2 hijacking of host mitochondria in COVID-19 pathogenesis

[HTML] physiology.orgFull View

Core mitochondrial genes are down-regulated during SARS-CoV-2 infection of rodent and human hosts

PDF] researchgate.net

[HTML] SARS-CoV-2 causes mitochondrial dysfunction and mitophagy impairment

[HTML] frontiersin.org

Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage

[HTML] nih.gov

Mitochondrial metabolic manipulation by SARS-CoV-2 in peripheral blood mononuclear cells of patients with COVID-19

[HTML] physiology.org

Spike proteins of SARS-CoV-2 induce pathological changes in molecular delivery and metabolic function in the brain endothelial cells

PDF] mdpi.com

[HTML] Circulating mitochondrial DNA is an early indicator of severe illness and mortality from COVID-19

[HTML] nih.gov

Altered bioenergetics and mitochondrial dysfunction of monocytes in patients with COVID-19 pneumonia

[HTML] embopress.orgFull View

[HTML] SARS-CoV-2 promote autophagy to suppress type I interferon response

HTML] nature.comFull View

[HTML] SARS-CoV-2 ORF10 suppresses the antiviral innate immune response by degrading MAVS through mitophagy

[HTML] nature.com

HTML] Comprehensive mapping of SARS-CoV-2 interactions in vivo reveals functional virus-host interactions

HTML] nature.comFull View

SARS-CoV-2 spike protein impairs endothelial function via downregulation of ACE 2

[HTML] ahajournals.orgFull View

[HTML] COVID-19 Complications: Oxidative Stress, Inflammation, and Mitochondrial and Endothelial Dysfunction

[HTML] mdpi.com

[HTML] A cross-talk between epithelium and endothelium mediates human alveolar–capillary injury during SARS-CoV-2 infection

[HTML] nature.comFull View

Comparative multiplexed interactomics of SARS-CoV-2 and homologous coronavirus nonstructural proteins identifies unique and shared host-cell dependencies

HTML] nih.gov XX

Nuclear translocation of spike mRNA and protein is a novel pathogenic feature of SARS-CoV-2.

PDF] biorxiv.org

Mitochondrial metabolic manipulation by SARS-CoV-2 in peripheral blood mononuclear cells of patients with COVID-19

[HTML] physiology.org

[HTML] Structure and function of mitochondria-associated endoplasmic reticulum membranes (MAMs) and their role in cardiovascular diseases

[HTML] hindawi.com

Platelets of COVID-19 patients display mitochondrial dysfunction, oxidative stress and energy metabolism failure compatible with cell death.

[PDF] rpthjournal.org

[HTML] SARS-CoV-2 viral persistence in lung alveolar macrophages is controlled

[HTML] nature.com

The NLRP3 inflammasome and COVID-19: Activation, pathogenesis and therapeutic strategies

[HTML] nih.gov

Mitochondrial modulations, autophagy pathways shifts in viral infections: consequences of COVID-19

[PDF] mdpi.com

COVID-19-associated critical illness myopathy with direct viral effects

[HTML] nih.gov

Skeletal muscle alterations in patients with acute Covid-19 and post-acute sequelae of Covid-19

PDF] wiley.comFull View

[HTML] Persistent Oxidative Stress and Inflammasome Activation in $CD14^{high}CD16^{-}$ Monocytes From COVID-19 Patients

[HTML] frontiersin.org

… Ca^{2+}-Transporting ATPase (SERCA) Modulates Autophagic, Inflammatory, and Mitochondrial Responses during Influenza A Virus Infection in Human Lung Cells

[HTML] nih.gov

[HTML] Impact of COVID-19 on mitochondrial-based immunity in aging and age-related diseases

HTML] frontiersin.org

Role of mitochondria, oxidative stress and the response to antioxidants in myalgic encephalomyelitis/chronic fatigue syndrome: a possible approach to SARS-CoV-2 ' …

PDF] mednexus.orgFull View

Muscle dysfunction in the long coronavirus disease 2019 syndrome: Pathogenesis and clinical approach

[HTML] nih.gov

[HTML] The COVID-19 pandemic and physical activity

[HTML] sciencedirect.com

Myopathy as a cause of fatigue in long-term post-COVID-19 symptoms: Evidence of skeletal muscle histopathology

[PDF] wiley.com

[HTML] … inflammatory lung injury and mortality in a mouse model of ventilator-associated pneumonia by alleviating macrophage mitochondrial oxidative stress via …

HTML] sciencedirect.com

[HTML] Structure and function of mitochondria-associated endoplasmic reticulum membranes (MAMs) and their role in cardiovascular diseases

[HTML] hindawi.com

Mitochondrial dysfunction in lung ageing and disease

[PDF] ersjournals.comFree from Publisher

Fatigue in the COVID-19 pandemic

[PDF] thelancet.com

[HTML] Pathogenic mitochondrial dysfunction and metabolic abnormalities

[HTML] sciencedirect.com

On the offense and defense: mitochondrial recovery programs amidst targeted pathogenic assault

[PDF] wiley.com

[HTML] Potential molecular mechanisms of chronic fatigue in long haul COVID and other viral diseases

[HTML] springer.com

[HTML] Cellular stress responses and dysfunctional Mitochondrial–cellular senescence, and therapeutics in chronic respiratory diseases

[HTML] sciencedirect.com

[HTML] **Roles of host mitochondria in the development of COVID-19 pathology: Could mitochondria be a potential therapeutic target?**

[HTML] springer.com

Regulation of Nrf2 by mitochondrial reactive oxygen species in physiology and pathology

[PDF] mdpi.com[HTML]

Role and clinical implication of autophagy in COVID-19

[HTML] biomedcentral.com

Mitochondria and viruses

HTML] nih.gov

[HTML] **Autophagy and SARS-CoV-2-Old Players in New Games**

[HTML] mdpi.com

The NLRP3 inflammasome and COVID-19: Activation, pathogenesis and therapeutic strategies

HTML] nih.gov

In Vivo and Ex Vivo Mitochondrial Function in COVID-19 Patients on the Intensive Care Unit

PDF] mdpi.com

[HTML] **Signatures of mitochondrial dysfunction and impaired fatty acid metabolism in plasma of patients with post-acute sequelae of COVID-19 (PASC)**

[HTML] mdpi.com

HTML] **Persistent Oxidative Stress and Inflammasome Activation in CD14^{high}CD16^{-} Monocytes From COVID-19 Patients**

[HTML] frontiersin.org

[HTML] **Cellular stress responses and dysfunctional Mitochondrial–cellular senescence, and therapeutics in chronic respiratory diseases**

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Muscle dysfunction in the long coronavirus disease 2019 syndrome: Pathogenesis and clinical approach

[HTML] nih.gov

Myopathy as a cause of fatigue in long-term post-COVID-19 symptoms: Evidence of skeletal muscle histopathology

[PDF] wiley.com

Muscle dysfunction in the long coronavirus disease 2019 syndrome: Pathogenesis and clinical approach

[HTML] nih.gov

Mitochondrial dysfunction in lung ageing and disease

[PDF] ersjournals.comFree from Publisher

Fatigue in the COVID-19 pandemic

[PDF] thelancet.com

[HTML] Pathogenic mitochondrial dysfunction and metabolic abnormalities

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On the offense and defense: mitochondrial recovery programs amidst targeted pathogenic assault

[PDF] wiley.com

[HTML] Potential molecular mechanisms of chronic fatigue in long haul COVID and other viral diseases

[HTML] springer.com

Regulation of Nrf2 by mitochondrial reactive oxygen species in physiology and pathology

[PDF] mdpi.com

[HTML] **Impact of COVID-19 on mitochondrial-based immunity in aging and age-related diseases**

HTML] frontiersin.org

[HTML] **A review of the current status of clinical management of COVID-19 in the elderly**

[HTML] nih.gov

Is the epithelial barrier hypothesis the key to understanding the higher incidence and excess mortality during COVID-19 pandemic? The case of Northern Italy

[PDF] wiley.com

The adverse effects of the vaccines, which were hastily developed world-wide after the publication of the genetic structure of SARS-Cov-2 by the Chinese authorities, were no important issue for their manufacturers and the relevant government approval authorities, even as meaningful studies on it were very early available. The packaging of the mRNA into nanoparticles, which is required for its introduction into the cells, was just as little an issue for tests, as the contamination of the vaccines by bacterial DNA, which can arise during its production and after introduction into the cells fulfills de facto the criteria of a genetic therapy, at which new proteins are formed in the cell, that have nothing to do with SARS-Cov-2.

The fact that vaccination with mRNA vaccines leads to errors in reading of the mRNA in the cells, inducing the building of proteins that can be like the body's own proteins (for example of the mitochondria) and, as a result, to the formation of antibodies against these proteins, makes it clear at one fell what chaos can be caused in the organism by these mRNA vaccines. The fact that the spike proteins of the SARS-Cov-2

virus have different forms than those that are formed in the cells as a result of vaccination does not make supporters of these vaccines perceptive.

[HTML] N^1-methylpseudouridylation of mRNA causes +1 ribosomal frameshifting

HTML] nature.com

https://scopeblog.stanford.edu/2023/07/31/mrna-vaccine-spike-protein-differs-from-viral-version/

[PDF] Ribosomal frameshifting and misreading of mRNA in COVID-19 vaccines produces "off-target" proteins and immune responses eliciting safety concerns …

[PDF] osf.io

The more mRNA vaccine or adenovirus vector vaccine packaged in nanoparticles enters the organism, the greater the amount of disease-causing spike proteins and antibodies against them, which are caused by the foreign proteins created on the ribosomes, inflammation and autoimmune diseases. can trigger reactions.
The highest risk of death from Covid-19 occurred between the end of 2019 and 2020 in cardiovascular disorders, cerebrovascular diseases and kidney diseases.

The production of safe and effective vaccines has been declared the most urgent public health task. The production of mRNA vaccines by large corporations was encouraged by weak regulations in Western countries, which was immediately cited as having saved millions of lives.

The assumptions about the effectiveness of the vaccines were then revised as time went on. It became clear that these

vaccinations cannot prevent infections and that past infections offer better protection than vaccinations. Severe allergic reactions after vaccinations as a result of packaging the mRNA into pegilated nanoparticles have been reported. Comparative studies with unvaccinated people showed that hospitalization rates and severe illnesses in 2022 could be lower for unvaccinated people than for vaccinated people.

The model calculations were based on the rate of infections and deaths at the very beginning of the pandemic, when primarily older people with previous illnesses died within a short period of time.

[HTML] **'Spikeopathy': COVID-19 spike protein is pathogenic, from both virus and vaccine mRNA**

HTML] mdpi.com

[HTML] **The Novelty of mRNA Viral Vaccines and Potential Harms: A Scoping Review**

HTML] mdpi.com

[PDF] **Negative evidence: COVID-19 vaccines and disorders of hemostasis**

PDF] jpands.org

[PDF] **Negative evidence: COVID-19 vaccines and cancer**

[PDF] jpands.org

Hematologic abnormalities after COVID-19 vaccination: A large Korean population-based cohort study

[PDF] medrxiv.org

Correlation between COVID-19 vaccination and inflammatory musculoskeletal disorders

[PDF] medrxiv.org

https://www.immunity.org.uk/wp-content/uploads/2023/11/The-origin-of-covid-19-the-biggest-cover-up-in-medical-history-new.pdf

https://www.immunity.org.uk/wp-content/uploads/2022/01/Vaccine-Breakthrough-final-new-plus-XL.pdf

https://www.immunity.org.uk/wp-content/uploads/2021/09/Open-letter-to-Prof.-Christian-Munz-completed-new-xxx.pdf

We still don't know what the inventors of SARS-Cov-2 in the Wuhan laboratory wanted to achieve by incorporating the furin cleavage site into a corona virus as they have never revealed the methods of the experiments and actions they have carried out. Did they want to increase the pathogenicity of the virus with regard to possible future mutations in the outside world? Did they want to create a region where a new type of vaccine could dock on particularly well? Or was Peter Daszak interested in researching modified viruses as possible biological warfare agents?

In any case, they have created a highly pathogenic, new strain that could not turn up in the environment, in humans, animals and plants, all of whom harbor mitochondria, and could not be formed under natural conditions as the whole series of modified elements in it could only occur as a result of the artificially installed furin cleavage site and further changes, inducing the switch off of essential immune functions.

As before, when vaccines were approved on a trial basis without being adequately tested in animal experiments, neither the contamination by bacterial DNA from the production nor the reading errors in the cell and their consequences are being examined in more detail by government authorities, so that mRNA vaccines against a wide range of infectious diseases can be further developed. The fact that the Novavax protein vaccine, which was registered in Switzerland at the very end after it had been approved by the European Union authority,

and when everyone had already been vaccinated with vaccines from Biontech-Pfizer or Moderna, does not have any such side effects, is not any issue now.

The mRNA vaccine lobby has won the competition at the expense of thousands of victims by transferring liability for side effects to individual countries in their secret supply contracts. Whilst raking in billions of profits, they are legally fighting claims from victims, whilst Germany's Foreign Affairs Minister Annalena Baerbock turns up at the opening of a new vaccine factory of Biontech-Pfizer in Africa.

That the role of the mitochondria in antiviral defense and their mutual coordination with the cell nucleus, which were obviously not well understood by the inventors of the mRNA vaccines, has not halted its further development and distribution.
As was the case with the experimental approval of vaccines without sufficient testing through animal experiments, neither the contamination by bacterial DNA from production nor the reading errors and their consequences are being examined in more detail by government authorities and mRNA vaccines against a wide range of infectious diseases are being further developed.
The fact that the Novavax protein vaccine, which was only approved in Switzerland at the very end, when almost everyone had already been vaccinated with the vaccines from Biontech-Pfizer or Moderna, has fewer side effects, and classic protein vaccines with the weakened virus, used in Asian countries, have practically none, is not an issue now.
The mRNA vaccine lobby has won the competition at the expense of thousands of victims by transferring liability for side effects to individual countries in their supply contracts, while raking in billions in profits, legally fighting claims

from victims and being present in Africa where German Foreign Affairs Minister Annalena Baerbock turns up in Ruanda, when a new vaccine factory of Biontech Pfizer is opened, in which the German state has a direct stake thanks to its investments.

Sequence requirements for plasmid nuclear import

[HTML] nih.gov

mRNA Vaccines: Why Is the Biology of Retroposition Ignored?

[HTML] mdpi.com

[HTML] Pre-exposure to mRNA-LNP inhibits adaptive immune responses and alters innate immune fitness in an inheritable fashion

[HTML] plos.org

[PDF] Impact of peripheral mitochondrial DNA level on immune response after COVID-19 vaccination

[PDF] cell.com

The treatment of the subsequent effects of mRNA vaccinations is still not a topic on which systematic research can take place with the necessary resources. The patients are left alone, declared disabled and compensated by state institutions with as little money as possible. Therapies to prevent Covid-19, its severe course and post-Covid diseases are not administrated.

[HTML] Can l-carnitine reduce post-COVID-19 fatigue?

[HTML] sciencedirect.com

[HTML] High-dose coenzyme Q10 therapy versus placebo in patients with post COVID-19 condition: a randomized, phase 2, crossover trial

[HTML] thelancet.comFull View

COVID-19: The significance of platelets, mitochondria, vitamin D, serotonin and the gut microbiota

[PDF] uzh.ch

Therapeutic blockade of inflammation in severe COVID-19 infection with intravenous N-acetylcysteine

[HTML] nih.gov

[HTML] Hydrogen Sulfide Ameliorates SARS-CoV-2-Associated Lung Endothelial Barrier Disruption

HTML] mdpi.com

The Role of Mitochondria in Phytochemically Mediated Disease Amelioration

[HTML] nih.gov

[HTML] A review of the potential effects of melatonin in compromised mitochondrial redox activities in elderly patients with COVID-19

[HTML] frontiersin.org

Targeted measures to reduce particulate matter, which directly affects mitochondrial function, are still not being taken.

HTML] Environmental factors and their impact on the COVID-19 pandemic

[HTML] springer.com

[HTML] Non-Pharmaceutical Interventions against COVID-19 Causing a Lower Trend in Age of LHON Onset

[HTML] mdpi.com

HTML] Effects of COVID-19 Control Measures on the Concentration and Composition of $PM_{2.5}$-Bound Polycyclic Aromatic Hydrocarbons in Shanghai

[HTML] mdpi.com

[HTML] Air pollution by NO_2 and $PM_{2.5}$ explains COVID-19 infection severity by overexpression of angiotensin-converting enzyme 2 in respiratory cells: a review

[HTML] springer.com

[HTML] **Toxicological Effects of Fine Particulate Matter ($PM_{2.5}$): Health Risks and Associated Systemic Injuries—Systematic Review**

[HTML] springer.com

Is the epithelial barrier hypothesis the key to understanding the higher incidence and excess mortality during COVID-19 pandemic? The case of Northern Italy

[PDF] wiley.com

Just like for the HIV-AIDS model, in which the damage to the mitochondria caused by continued administration of antibiotics and nucleoside analogue substances such as AZT were not investigated in 1997 because people from health institutions and the pharmaceutical industry did not want to question the treatment with these substances, this is also the case today, when no corresponding research on side effects of vaccines on the mitochondria takes place at state institutions.

https://www.immunity.org.uk/wp-content/uploads/2023/12/Christoph-Richter-Antibiotics-induced-damage-to-Mitochondria.pdf

https://www.immunity.org.uk/wp-content/uploads/2023/12/Christoph-Richter-Research-Project-AZT-induced-damage-to-Blood-Cells.pdf

The fact that the anti-retroviral therapy HAART, which over the years has become the pre-exposure therapy (PreP) used today, continues to cause permanent damage to the mitochondria does not change its wide distribution to HIV test-positive persons and their partners.

Mitochondrial DNA haplogroups and frailty in adults living with HIV

[PDF] liebertpub.com

Mitochondrial dysfunctions in HIV infection and antiviral drug treatment

PDF] researchgate.net

Representatives of the medical doctors and the pharmaceutical industry have once again successfully ensured that billions of

taxpayers' money are invested in antiviral therapies. Political representatives have concluded secret contracts with suppliers that oblige countries to purchase certain vaccines for years. The hearing of researchers with different points of view by political bodies was not possible, also not for the Social Democrats in Switzerland, who have provided the responsible minister for health in the last 12 years. Like leading politicians from the Greens and the SPD in Germany they have been doing so, even as they were informed continuously about the adverse effects of antiviral drugs and alternative therapies and its scientific basis since 1989. The fact that he was able to ensure early publications through direct connections to editorial offices in order to influence parliamentary decision-making processes and votes led to an investigation without clear results. In the case of the HIV=AIDS hypothesis, it was ensured that all publications on the subject were first checked by doctors who were supporters of anti-retroviral therapy.

http://www.ummafrapp.de/skandal/felix/zero/AIDS %20at viral load zero.pdf

http://www.ummafrapp.de/skandal/felix/zero/studies and links.pdf

In the case of Covid-19, the principle of political expediency also dictates to the representatives of these parties that research should only be possible in the interests of the pharmaceutical industry and the doctors who want to administrate its products. Together with the industry, new therapies should be developed over decades, as it was the case in AIDS, while patients are treated with seriously damaging substances for years with seemingly no alternative. Since research on the effects of antibiotics and nucleoside analogues on mitochondria was refused in the 1990s, there was a lack of knowledge about their role in antiviral defense so

that one can once again one claim to have known nothing about it. Now the Nobel Prize laureates Katalin Karikó and Drew Weissman want to develop mRNA vaccines against the Hi-Retrovirus, which is said to be the cause of the immune deficiency AIDS, and want to carry out soon trials with these vaccines with HIV test-positive people and their friends. The global human experiment with mRNA vaccines should now definitely continue.

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