

## VACCINE AIDS = COVID19

Autoimmune, Autoinflammatory Disease & Cancer *Unintended* Consequences of 3 DECADES LIABILITY FREE VACCINES

Prostate Cancer*	Crohn's Disease*	Gulf War Syndrome*
Breast Cancer *	Hashimoto's Thyroiditis*	Autism / ASD*
Multiple Myeloma*	Polymyositis*	Multiple Sclerosis*
Non-Hodgkins Lymphoma*	Sjogren's Syndrome *	Parkinson's*
Chronic Lymphocytic Leukemia*	Bechet's Disease*	ALS*
Mantle Cell Lymphoma*	Primary Biliary Cirrhosis*	Fibromyalgia*
Hairy Cell Leukemia*	Inflammatory Bowel Disease*	Chronic Lyme Disease*
Bladder Cancer *	Psoriasis, Dermatitis	OCD*
Colorectal Cancer*	Diabetes*	ADHD*
Kidney Cancer *	Cardiovascular Disease*	PTSD*
Ovarian Cancer* * <i>Neuroendocrine Tumors</i>	ME / CFS*	Psychosis*
	Lupus/SLE*	Rheumatoid Arthritis*

KEY to IMMUNITY is do not defile the TEMPLE of GOD  
NEVER GET ANOTHER VACCINE

# SYNCYTIN: ONLY One Component of Snake Venom additional components/toxins in Food, Water “Drugs”

FEBS Letters 436 (1998) 256–258

FEBS 20902

## Enhancement and inhibition of snake venom phosphodiesterase activity by lysophospholipids



ScienceDirect

Estuarine, Coastal and Shelf  
Science  
Volume 219, 5 April 2019, Pages 161-168

### Microplastic pollution in commercial salt for human consumption: A review

Diogo Peixoto <sup>a,\*,</sup> Carlos Pinheiro <sup>a,</sup> João Amorim <sup>a,</sup> Luís Oliva-Teles <sup>a, b,</sup> Lúcia Guilhermino <sup>a, c,</sup> Maria Natividade Vieira <sup>a, b</sup>

Show more

Outline Share Cite

<https://doi.org/10.1016/j.ecss.2019.02.018>

[Get rights and content](#)

Under a Creative Commons [license](#)

[Open access](#)

#### Highlights

- Plastics as marine debris are the new addition to the list of global threats.
- Marine pollution will undoubtedly lead to the contamination of sea products.
- Microplastics in salts might pose a threat to human food safety and health.
- Microplastics sorb contaminants and transfer them to salt and other products.



### Bayer Request for Additional Information and Attestation Regarding Religious Exemption / Accommodation Form (Covid-19 Vaccine)

Bayer requires additional information to further consider your request for a religious exemption/accommodation. Please complete this form and attestation and submit it to [accommodations\\_US@bayer.com](mailto:accommodations_US@bayer.com).

Your request appears to be principally based upon your objection to the use of fetal cell lines in the testing, research, or development of the COVID-19 vaccine and/or your belief concerning the purity of the body. The information reported on this form will serve to validate your understanding of fetal cell use in common medicines and consumer products, and aid in assessing the sincerity of your professed religious belief.

The following is a non-exhaustive list of common medicines and products that have used fetal cells in testing, research, and/or development.<sup>1</sup>

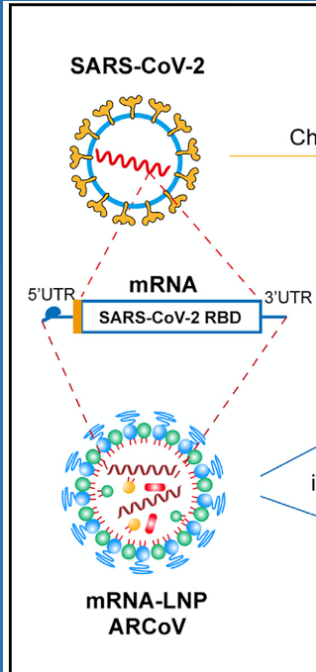
Acetaminophen	Enbrel	Maalox	Sudafed
Acetylsalicylic Acid (ASA)	Ex-Lax, Zocor	Metformin/Glucophage	Suphedrine
Advil	Havrix	Motrin	Toprol
Albuterol	Hydroxychloroquine	Mucinex	Tums
Aleve	Ibuprofen	Pepto Bismol	Tylenol
Amlodipine/Norvasc	Ivermectin	Preparation H	Varilrix
Aspirin	Levothyroxine	Prilosec OTC/Zegrid	Zolof
Azithromycin	Lidocaine	Robitussin/Delsym	Zostavax
Benadryl	Lipitor	Senokot	
Claritin	Losartan/Cozaar	Simvastatin	

#### To be Completed by Individual Requesting the Accommodation

Full Name:	<a href="#">Click here to enter name.</a>
Employee or Contractor ID #	<input type="text"/>
Email:	<a href="#">Click here to enter email.</a>

Please state whether your religious objection to the COVID-19 vaccine is equally applicable to the above medicines and other products that used fetal cells in testing, research, and/or development. If not, please explain why.	<a href="#">Click here to enter text.</a>
If your religious objection to the COVID-19 vaccine is equally applicable to medicines and products that used fetal cells in testing, research, and/or development, please state whether you abstain from using all such medicines and products. If not, please	<a href="#">Click here to enter text.</a>

# Breakdown of cell membranes and release of the PLA2...starts inflammation



SCAN ME



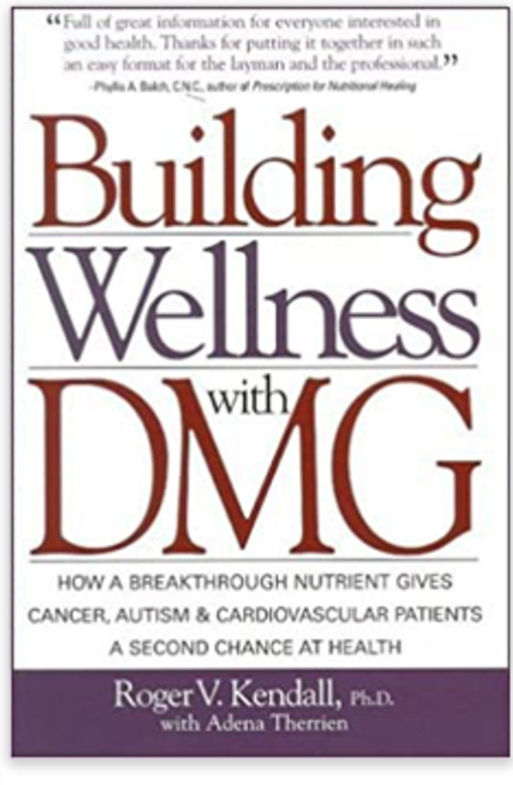
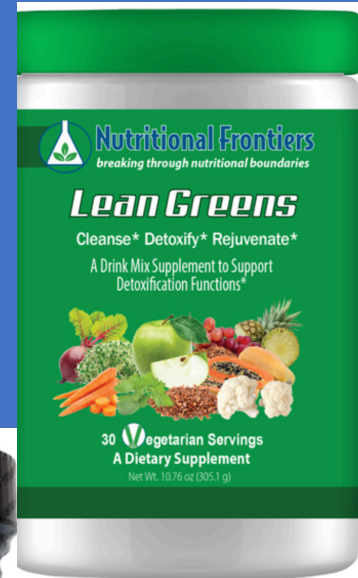
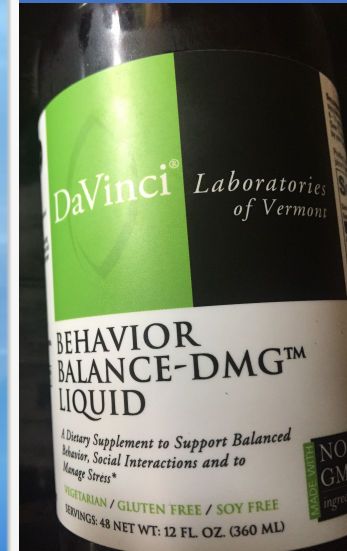
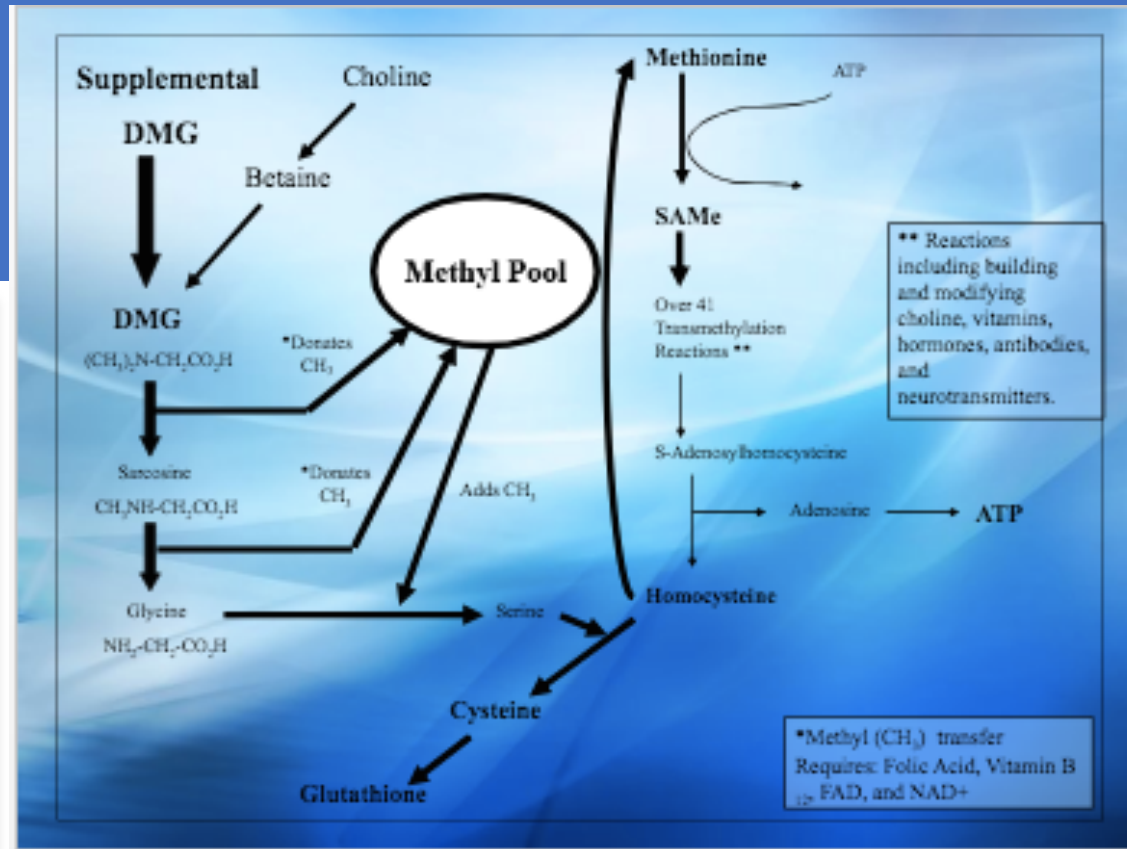
Detoxing that synthetic Lipid Nano Particle (SARS-CoV2 virus & COVID Vaccine)

- Ozone therapies
- Specialized Pro resolving mediators
- Chlorine Dioxide, MMS, CDS

# DiMethylGlycine

Nutrition's Best Kept secret for strengthening Genomic Pathways and Preventing Disease

- Amino Acid – Intermediary metabolite of the human body



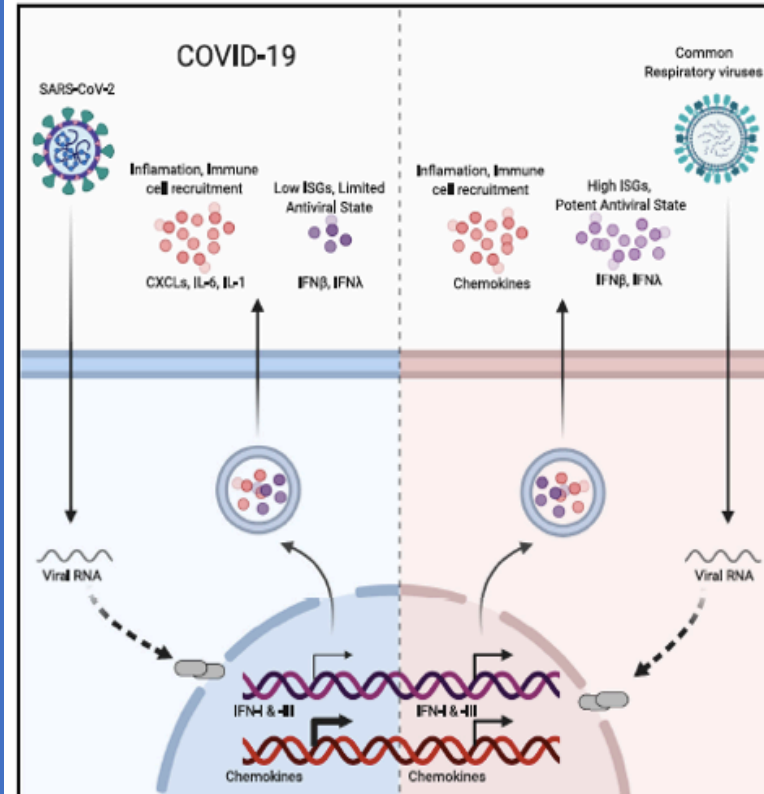
- Important nutrient found in low levels in our food
- As a Key Nutrient DMG PROTECTS OUR GENES

# Imbalanced IFN Response to RNA Viruses Drives Development of Autoimmune, Autoinflammatory Disease & Cancer

## TIME INTERFERON

The IF Drug  
For Cancer

### Graphical Abstract



### Authors

Daniel Blanco-Melo,  
Benjamin E. Nilsson-Payant,  
Wen-Chun Liu, ..., Jean K. Lim,  
Randy A. Albrecht, Benjamin R. tenOever

### Correspondence

res2025@med.cornell.edu (R.E.S.),  
jean.lim@mssm.edu (J.K.L.),  
randy.albrecht@mssm.edu (R.A.A.),  
benjamin.tenoever@mssm.edu (B.R.t.)

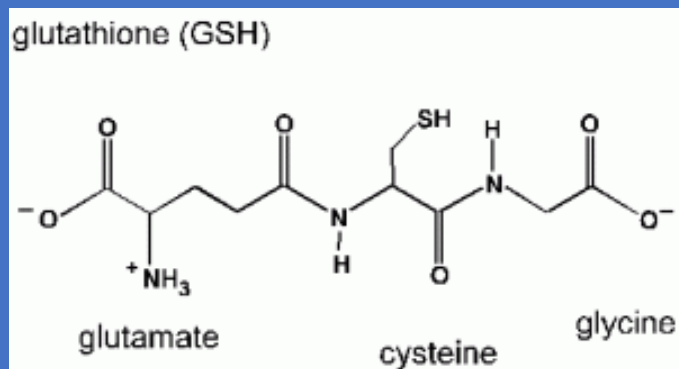
### In Brief

In comparison to other respiratory viruses, SARS-CoV-2 infection drives a lower antiviral transcriptional response that is marked by low IFN-I and IFN-III levels and elevated chemokine expression, which could explain the pro-inflammatory disease state associated with COVID-19.



# Glyphosate: Damages Key GOD GIVEN antioxidant Glutathione

Produced by the liver, glutathione is made up of three amino acids:  
L-Cysteine, Glycine, and L-Glutamate



American Chemical Society  
 Public Health Emergency Collection  
 Public Health Emergency COVID-19 Initiative

[ACS Infect Dis.](#) 2020 May 28 : acsinfecdis.0c00288.

PMCID: PMC7263077

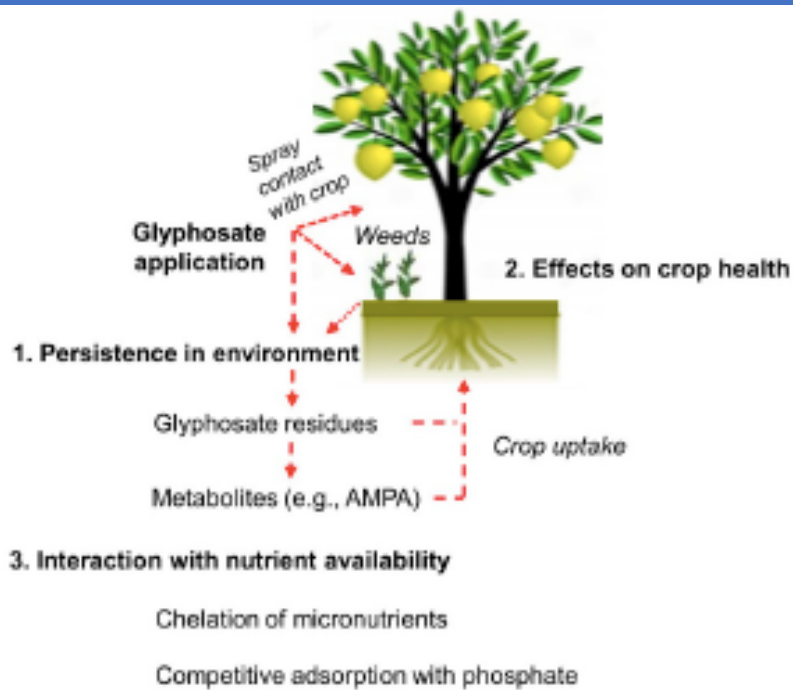
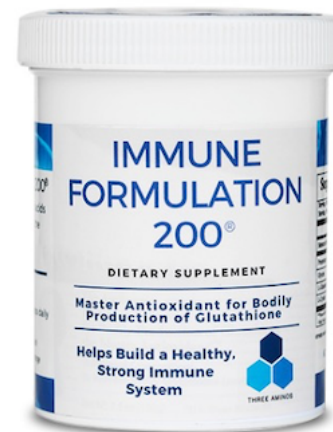
Published online 2020 May 28. doi: [10.1021/acsinfecdis.0c00288](https://doi.org/10.1021/acsinfecdis.0c00288)

PMID: [32463221](https://pubmed.ncbi.nlm.nih.gov/32463221/)

## Endogenous Deficiency of Glutathione as the Most Likely Cause of Serious Manifestations and Death in COVID-19 Patients

[Alexey Polonikov](#)

▶ [Author information](#) ▶ [Article notes](#) ▶ [Copyright and License information](#) ▶ [Disclaimer](#)

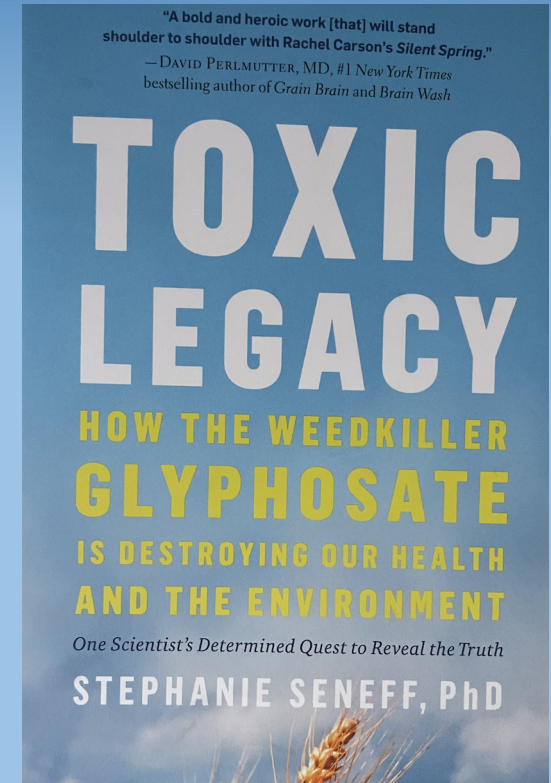
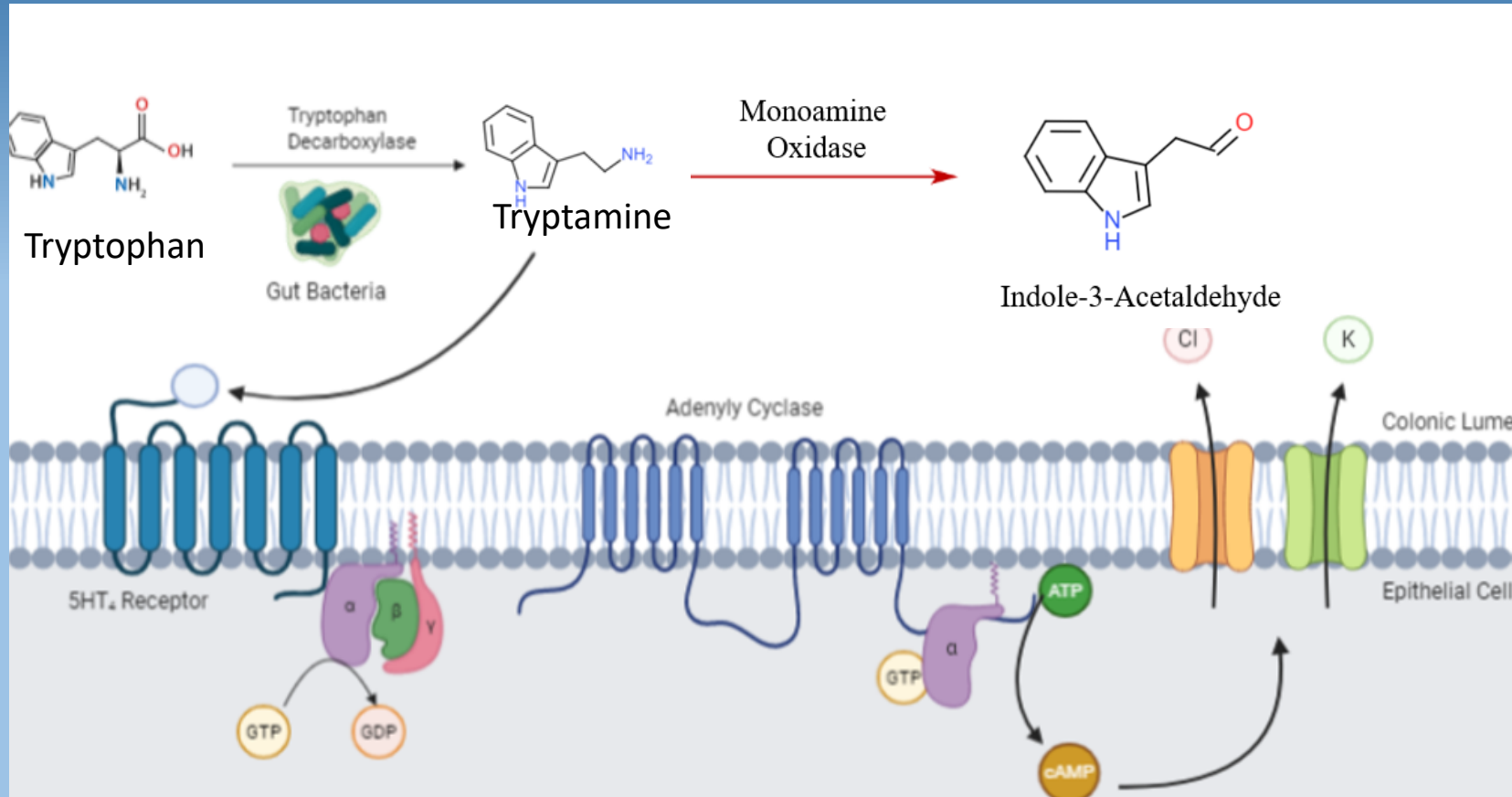


Endogenous glutathione deficiency appears to be a crucial factor enhancing SARS-CoV-2-induced oxidative damage of the lung and, as a result, leads to serious manifestations, such as acute respiratory distress syndrome, multiorgan failure, and death in COVID-19 patients. When the antiviral activity of GSH is taken into account, individuals with glutathione deficiency seem to have a higher susceptibility for uncontrolled replication of SARS-CoV-2 virus and thereby suffer from an increasing viral load. The severity of clinical manifestations in COVID-19 patients is apparently determined by the degree of impaired redox homeostasis attributable to the deficiency of reduced glutathione and increased ROS production. This assumption can be supported by our findings. In particular, COVID-19 patients with moderate and severe illness had lower levels of glutathione, higher ROS levels, and greater redox status (ROS/GSH ratio) than COVID-19 patients with a mild illness. Long-term and severe manifestations of COVID-19 infection in one of our patients with marked glutathione deficiency suggest that the degree of glutathione decrease correlates negatively with viral replication rate and that an increasing viral load exacerbates oxidative damage of the lung. This finding suggests that the virus cannot actively replicate at higher levels of cellular glutathione, and therefore, milder clinical symptoms are observed with lower viral loads.

SUPPLEMENT FACTS			
Servings Per Container			62
Serving Size			1 Scoop (1.6g)
<b>Amount per serving</b>			
Calories			0
		Standard DV	% Daily Value*
Selenium (from selenomethionine)	4.5 mcg	75 mcg	6%
Proprietary Amino Acid Blend	1450 mg		
Glycine			
L-Glutamine			
L-Cystine			

Glyphosate in our soil -> our plants are SICK -> Does toxic food cause COVID?

# GOD GIVEN/Endogenous Microbiome Metabolizes Food



Cell Host & Microbe

## Short Article

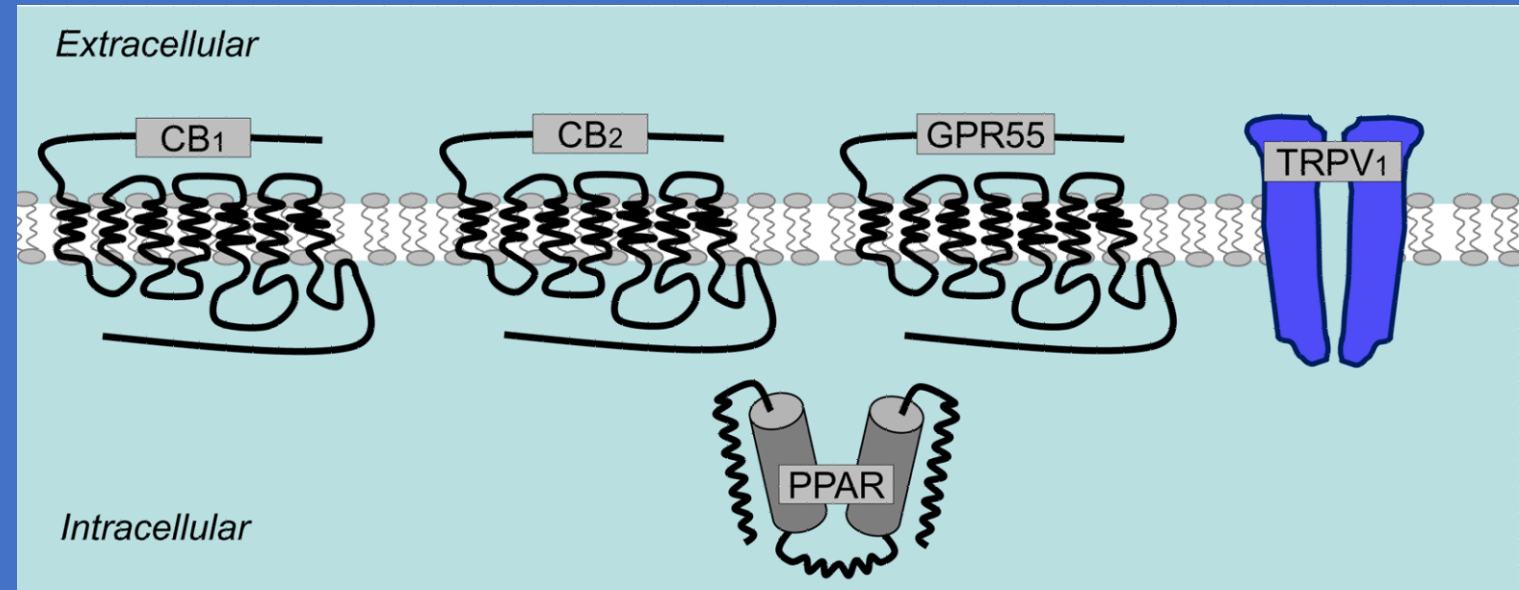
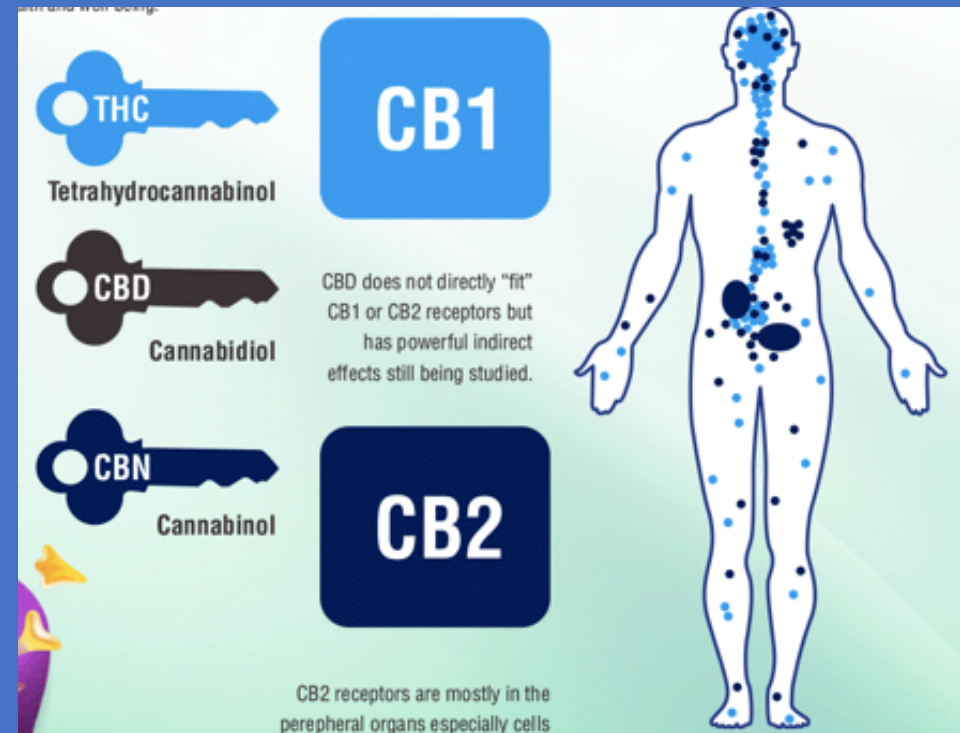
**Gut Dysbiosis Promotes M2 Macrophage Polarization and Allergic Airway Inflammation via Fungi-Induced PGE<sub>2</sub>**

- Only certain antibiotics promote fungal overgrowth in the gut
- Specific commensal bacteria prevent colonization of *Candida*

# The Human Endocannabinoid System (eCS) GOD GIVEN DIMMER SWITCH ON INFLAMMATION

A signaling system that helps to modulate all other physiological, behavioral, and energetic processes in the body.

Glia. 2010 July ; 58(9): 1017–1030



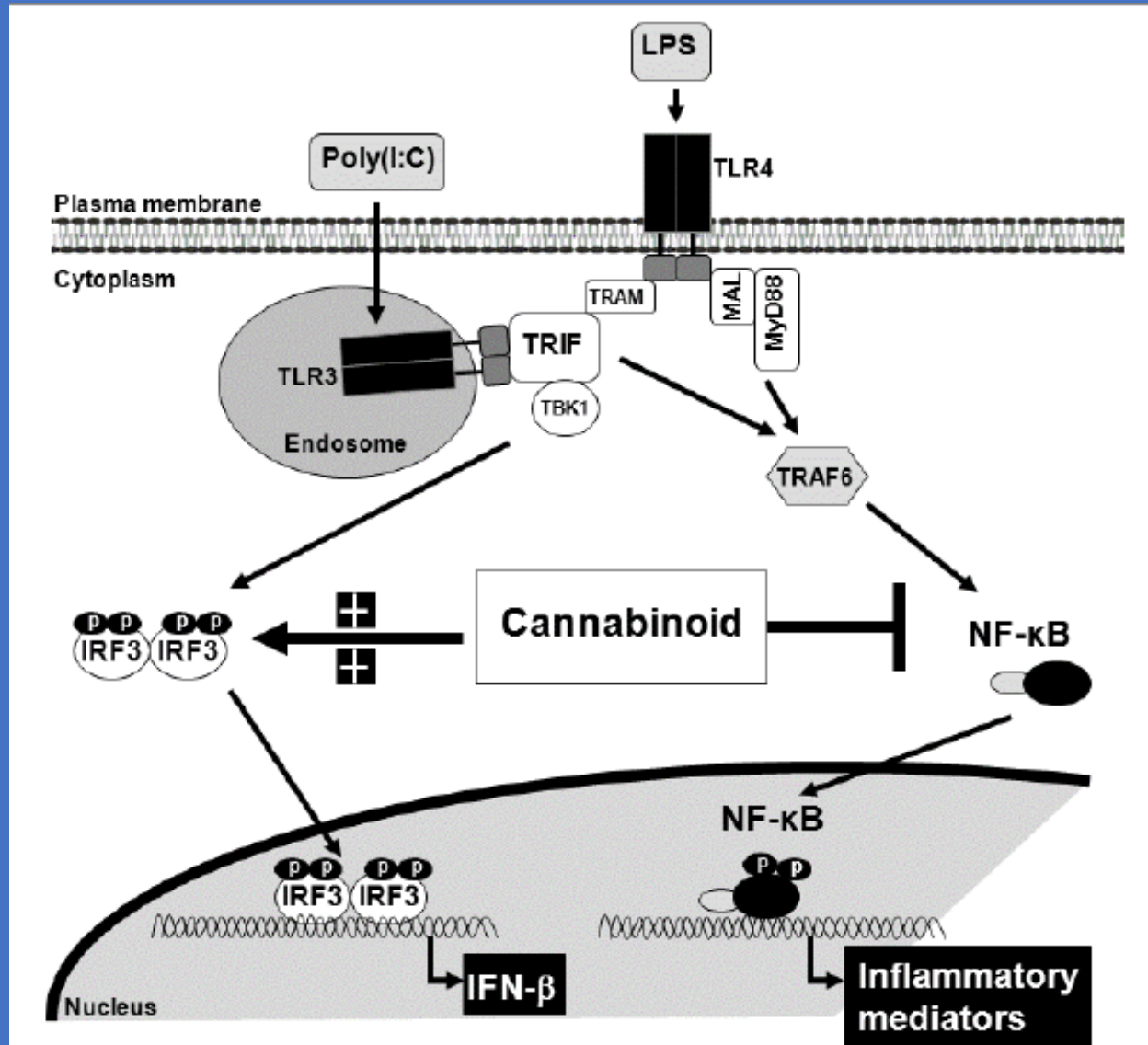
Anxiety  
Depression  
Sleep Disorders  
Pain  
Itch  
Wound healing

- **neuroprotection & plasticity**
- **immunity & inflammation**
- **apoptosis & carcinogenesis**
- **pain and emotional memory**
- **Supports detoxification:**
  - **repairs Fibrosis**
  - **fatty Liver disease**



# Cannabinoids are Anti-Viral and Reduce inflammation

## THE DIMMER SWITCH ON THE FLAME



CANNABIS is NOT a DRUG! IT'S Food!! Nourish CELLS ALL Plants (HEMP & CANNABIS) Removed from US 1938!

Drug  
Metabolism  
Reviews

<http://informahealthcare.com/dmr>  
ISSN: 0360-2532 (print), 1097-9883 (electronic)

Drug Metab Rev, 2014; 46(1): 86-95  
© 2014 Informa Healthcare USA, Inc. DOI: 10.3109/03602532.2013.849268

informa  
healthcare

REVIEW ARTICLE

Exogenous cannabinoids as substrates, inhibitors, and inducers of human drug metabolizing enzymes: a systematic review

GOD GIVEN LIPID/FAT SIGNALING SYSTEM in EVERY Cell MEMBRANE

# Taking advantage of synergies/cross talk in Pathways enhances Efficacy and Safety profiles of Pharmaceutical Drugs



## Beta-caryophyllene is a dietary cannabinoid

Jürg Gertsch<sup>\*†</sup>, Marco Leonti<sup>\*§</sup>, Stefan Raduner<sup>\*§</sup>, Ildiko Racz<sup>¶</sup>, Jian-Zhong Chen<sup>¶</sup>, Xiang-Qun Xie<sup>¶</sup>, Karl-Heinz Altmann<sup>\*</sup>, Meliha Karsak<sup>¶</sup>, and Andreas Zimmer<sup>¶</sup>

<sup>\*</sup>Institute of Pharmaceutical Sciences, Department of Chemistry and Applied Biosciences, Eidgenössische Technische Hochschule (ETH) Zurich, 8092 Zürich, Switzerland; <sup>†</sup>Dipartimento Farmaco Chimico Tecnologico, University of Cagliari, 01924 Cagliari, Italy; <sup>¶</sup>Department of Molecular Psychiatry, University of Bonn, 53115 Bonn Germany; and <sup>§</sup>Department of Pharmaceutical Sciences, University of Pittsburgh, Pittsburgh, PA 15260

## $\beta$ -Caryophyllene, A Natural Dietary CB2 Receptor Selective Cannabinoid can be a Candidate to Target the Trinity of Infection, Immunity, and Inflammation in COVID-19

 Niraj Kumar Jha<sup>1†</sup>,  Charu Sharma<sup>2†</sup>,  Hebaallah Mamdouh Hashiesh<sup>3</sup>,  Seenipandi Arunachalam<sup>3</sup>,  MF Nagoor Meeran<sup>3</sup>,  Hayate Javed<sup>4</sup>,  Chandragouda R. Patil<sup>5</sup>,  Sameer N. Goyal<sup>6</sup> and  Shreesh Ojha<sup>3\*</sup>

## Beta-caryophyllene enhances wound healing through multiple routes

Sachiko Koyama , Anna Purk, Manpreet Kaur, Helena A. Soini, Milos V. Novotny, Keith Davis, C. Cheng Kao, Hiroaki Matsunami, Anthony Mescher

Published: December 16, 2019 • <https://doi.org/10.1371/journal.pone.0216104>



# VIRUSES/POSIONS

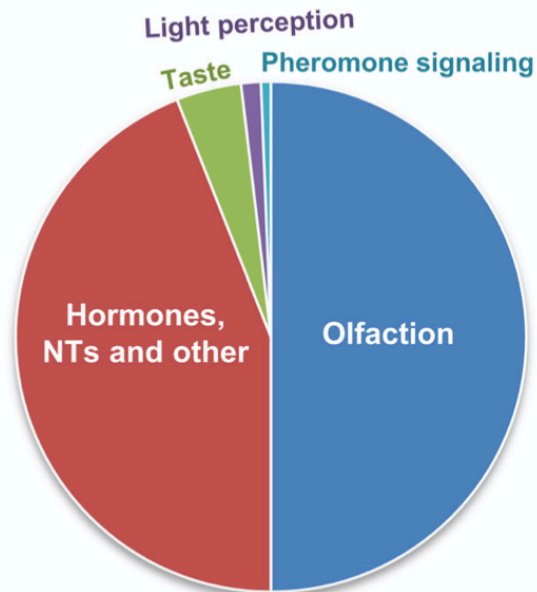
## Lack of Minerals, Essential Amino acids, Phytocannabinoids



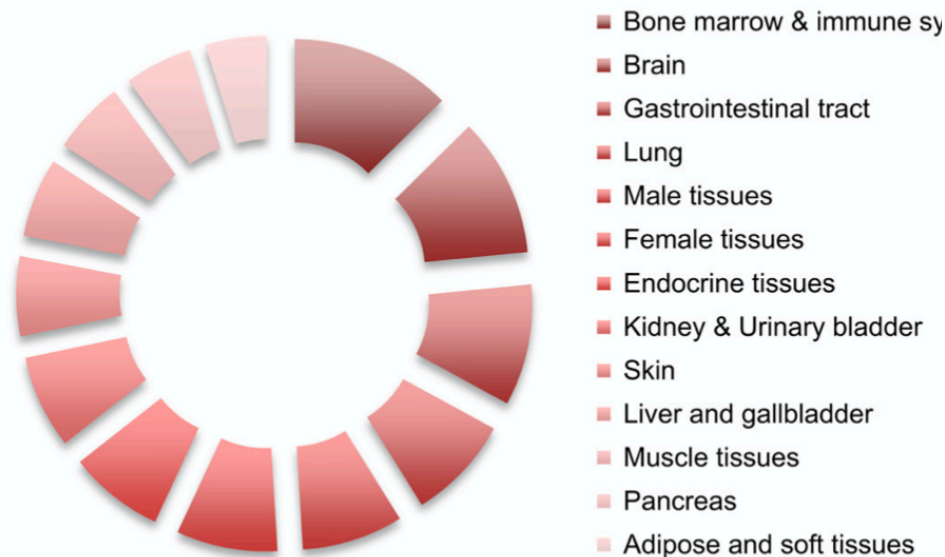
### $G_{i/o}$ -Protein Coupled Receptors in the Aging Brain

Patrícia G. de Oliveira<sup>1†</sup>, Marta L. S. Ramos<sup>1†</sup>, António J. Amaro<sup>2</sup>, Roberto A. Dias<sup>1††</sup> and Sandra I. Vieira<sup>1††</sup>

#### A GPCRs main functions



#### B Tissue distribution of $G_{i/o}$ -coupled GPCRs



# Cannabinoids regulate MINERALS in Immune Cells via endocannabinoid System Receptors

- A downside of activation of MINERALS is the dysregulation endogenous microbes
- OUR SOILS ARE DEPLETED OF MINERALS

TRPV1/2	Ca <sup>2+</sup> /Na <sup>+</sup>	PM	Heat (fever?), low pH, mechanical stress		Mono, macro	Degranulation, phagocytosis, cytokine production
TRPC3/6	Ca <sup>2+</sup> /Na <sup>+</sup>	PM	PLC activation (DAG), PIP <sub>2</sub>		T, B, NK cells, neutro	Chemotaxis, degranulation
TRPM2	Ca <sup>2+</sup> /Na <sup>+</sup>	PM, lys	H <sub>2</sub> O <sub>2</sub> , NAADP, cADPR		T, B, neutro, mast cells, DC	Cytokine production, degranulation
<b>Magnesium</b>						
TRPM6	Mg <sup>2+</sup> >Ca <sup>2+</sup>	PM		Inhibited by [Mg <sup>2+</sup> ] <sub>i</sub>	Gut, kidney, hematopoietic (not T cells)	Unknown in immune cells
TRPM7	Mg <sup>2+</sup> >Ca <sup>2+</sup>	PM	Unknown (BCR, TCR?) PIP <sub>2</sub> (?)	Inhibited by [Mg <sup>2+</sup> ] <sub>i</sub>	Ubiquitous	T cell development, T and B cell proliferation, cytokine production



Review

CellPress

Divalent cations of two alkaline earth metals Ca<sup>2+</sup> and Mg<sup>2+</sup> and the transition metal Zn<sup>2+</sup> play vital roles in the immune system, and several immune disorders are associated with disturbances of their function. Until re-

## Divalent cation signaling in immune cells

Benjamin Chaigne-Delalande and Michael J. Lenardo

Molecular Development of the Immune System Section, Lymphocyte Molecular Genetics Unit, Laboratory of Immunology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD 20892, USA

*Trends in Immunology* July 2014, Vol. 35, No. 7

# Provide the building blocks to support nitric oxide formation enhance overall circulation, including heart health and erectile dysfunction.

## Nutritional Support

Pharmacogn. Res.  
A multi-faceted peer-reviewed journal in the field of Pharmacognosy and Natural Products  
www.phocogres.com

ORIGINAL ARTICLE

### Vitamin D<sub>3</sub>, L-Arginine, L-Citrulline, and Antioxidant Supplementation Enhances Nitric Oxide Bioavailability and Reduces Oxidative Stress in the Vascular Endothelium – Clinical Implications for Cardiovascular System

Hazem Dawoud, Tadeusz Malinski

Department of Chemistry and Biochemistry, Nanomedical Research Laboratories, Ohio University, Athens, Ohio, USA

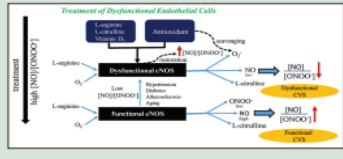
#### ABSTRACT

**Background:** Nitric oxide (NO) is a crucial signaling molecule which regulates the blood flow and prevents the adhesion of blood components to the vascular wall. A deficiency in bioavailable NO concentration is associated with the dysfunction of endothelial NO synthase (eNOS) and/or an increase in oxidative stress. The deficiency of bioavailable NO is a common denominator of several cardiovascular diseases, including diabetes, atherosclerosis, and hypertension. **Materials and Methods:** We used a nanomedical technology to elucidate the balance between bioavailable NO and oxidative stress (peroxynitrite ONOO<sup>-</sup>) in human umbilical vein endothelial cells (HUVECs) treated with a supplement containing L-arginine, L-citrulline, Vitamin D<sub>3</sub>, and antioxidants. Nanosensors, with a diameter of 200–300 nm, are capable of measuring *in situ* NO and peroxynitrite (ONOO<sup>-</sup>) concentrations produced by single endothelial cells. **Results:** The ratio of the concentration of cytoprotective NO [NO] to the concentration of cytotoxic peroxynitrite [ONOO<sup>-</sup>] was used to estimate the efficiency of eNOS. HUVECs incubated with L-citrulline, L-arginine, and Vitamin D<sub>3</sub> increased the [NO]/[ONOO<sup>-</sup>] ratio by 26%, while in the presence of antioxidants, the increase was 15%. The synergistic effect between the mix of L-arginine, L-citrulline, Vitamin D<sub>3</sub>, and antioxidants was a favorable increase of the overall [NO]/[ONOO<sup>-</sup>] ratio by 50%. **Conclusion:** The findings of the study presented here clearly indicate that L-arginine, L-citrulline, and Vitamin D<sub>3</sub> can significantly alter the function of the endothelium and NO production, in a favorable manner, while pointedly reducing ONOO<sup>-</sup> – the main component of oxidative stress. This effect can be significantly potentiated in the presence of antioxidants. **Key words:** Antioxidant, endothelium, L-arginine, L-citrulline, nitric oxide, peroxynitrite, Vitamin D<sub>3</sub>.

#### SUMMARY

Nanomedical studies were used to elucidate the role of a mixture of Vitamin D<sub>3</sub>, L-arginine, L-citrulline, and several antioxidants in the improvement of nitric

oxide production and the reduction of oxidative stress in human endothelial cells. It appears that the combination of natural products can effectively improve endothelial function by about 50% and has shown that, on cellular models, it could potentially be used to improve the endothelial function in cardiovascular diseases.



**Abbreviations Used:** HUVECs: Human umbilical vein endothelial cells; O<sub>2</sub><sup>-</sup>: Superoxide; HBSS: Hank's balanced salt solution; EC: Endothelial cell; Ca<sup>2+</sup>: Calcium ionophore; CVD: Cardiovascular disease; eNOS: Endothelial nitric oxide synthase.

#### Correspondence:

Prof. Tadeusz Malinski, Nanomedical Research Laboratories, Ohio University, 300 West State Street, Athens, Ohio, USA.  
E-mail: malinski@ohio.edu  
DOI: 10.4103/pr.pr\_79\_19



#### INTRODUCTION

Nitric oxide (NO) is a gaseous molecule that is generated by the NO synthase (NOS) enzyme. NO is synthesized from two substrates: L-arginine (non-essential amino acid) and oxygen.<sup>[1,2]</sup> This synthesis occurs through NOS in a five-electron transfer oxidation of L-arginine to L-citrulline. NOS is located in the membrane of endothelial cells, and its synthesis is stimulated by calcium flux.<sup>[3,4]</sup> In the cardiovascular system, the calcium flux is triggered by a mechanical process (shear stress)<sup>[5]</sup> and chemical stimuli such as acetylcholine, norepinephrine, angiotensin II, and many others.<sup>[6,7]</sup>

NO can react rapidly with many biological components, including superoxide (O<sub>2</sub><sup>-</sup>), Fe (III) of hemoglobin, guanylate cyclase, and many others.<sup>[8–11]</sup> Therefore, the measurement of reactive "free" NO is a challenging problem. In our laboratories, we are able to perform measurements of bioavailable NO produced by a single endothelial cell in different segments of the cardiovascular system, such as

capillary vessels, aorta, and heart. Maximal NO concentrations vary significantly, depending on the location of the endothelial cells – with the lowest concentrations in the small capillary (about 80 nM) and the highest in the endocardium of the heart (about 2.0 μM).<sup>[11]</sup> The level of NO concentration depends largely on the velocity and type of blood flow (laminar vs. turbulent).<sup>[12–14]</sup>

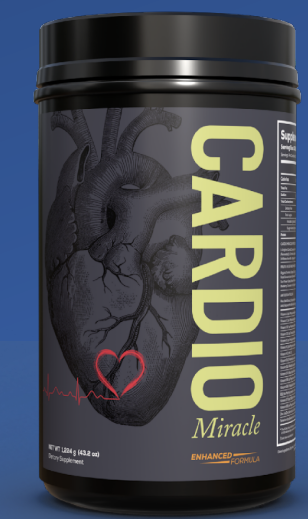
This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

For reprints contact: reprints@medknow.com

**Cite this article as:** Dawoud H, Malinski T. Vitamin D<sub>3</sub>, L-Arginine, L-Citrulline, and antioxidant supplementation enhances nitric oxide bioavailability and reduces oxidative stress in the vascular endothelium – Clinical implications for cardiovascular system. Phocog Res 2020;12:17-23.

Table 1. Chronic, inflammatory diseases in which low vitamin D levels have been recorded

Disease	Subtype	Comments	Reference
'Autoimmune'		Review: strong inverse relationships between [25(OH)D <sub>3</sub> ] and incidence of several autoimmune diseases	Skaaby <i>et al.</i> (2015)
Chronic obstructive pulmonary disease (COPD)		Clear inverse relationship between COPD and vitamin D status	Skaaby <i>et al.</i> (2014)
Rheumatoid arthritis (RA)		Meta-analysis of a large literature; mean [25(OH)D <sub>3</sub> ] 16.5 nM lower in RA patients	Armsen <i>et al.</i> (2007); Lin <i>et al.</i> , (2016)
Cancer	Multiple, especially skin	Acts with vitamin D receptor (VDR) <i>via</i> hedgehog and β-catenin	Bikle (2011)
	Skin	Role of β-catenin	Jiang <i>et al.</i> (2013)
	Multiple	Meta-analysis: little effect on incidence but significant effect on mortality	Keum & Giovannucci (2014)
		Epidemiological	Afzal <i>et al.</i> (2014b)
Cardiovascular		Detailed reviews and meta-analyses	Kassi <i>et al.</i> (2013); Menezes <i>et al.</i> (2014)
Atherosclerosis		Meta-analysis	Carvalho & Sposito (2015) de Teñiño <i>et al.</i> (2011)
Heart failure			Forman <i>et al.</i> (2007)
Hypertension		Odds ratio (OR) = 6.13 for incident hypertension in males if [25(OH)D <sub>3</sub> ] <15 ng ml <sup>-1</sup> <i>versus</i> ≥ 30 ng ml <sup>-1</sup>	Forman <i>et al.</i> (2008)
		OR = 1.66 for incident hypertension in lowest <i>versus</i> highest [25(OH)D <sub>3</sub> ] quartile	Vimalaewaran <i>et al.</i> (2014)
		Large meta-analysis: 10% increase in [25(OH)D <sub>3</sub> ] reduces hypertension risk by 8%; OR = 0.92	Ke <i>et al.</i> (2015)
		Large meta-analysis; risk ratio (RR) = 0.68 for highest <i>versus</i> lowest [25(OH)D <sub>3</sub> ] category	Pludowski <i>et al.</i> (2014)
		Significantly lower, including in subsequent organ damage	Majumdar <i>et al.</i> (2015)
		OR = 13.54 for low [25(OH)D <sub>3</sub> ] and risk of ischaemic stroke in hypertensives	Giovannucci <i>et al.</i> (2008)
		Epidemiological study; RR > 2 if [25(OH)D <sub>3</sub> ] < 15 ng ml <sup>-1</sup> (37 nM)	Brøndum-Jacobsen <i>et al.</i> (2012)
		Very large effects of low [25(OH)D <sub>3</sub> ] on likelihood of MI and ischaemic heart disease	Beveridge & Witham (2013); Kienreich <i>et al.</i> (2015); Norman & Powell (2014)
		Reviews	Makariou <i>et al.</i> (2014) Poole <i>et al.</i> (2006) Sun <i>et al.</i> (2012) Judd <i>et al.</i> (2016) Turetsky <i>et al.</i> (2015)
Myocardial infarction (MI) and cardiovascular disease		77% of patients had insufficient vitamin D levels	Brøndum-Jacobsen <i>et al.</i> (2013)
		OR = 1.52 for 'low' <i>versus</i> 'high' [25(OH)D <sub>3</sub> ]	
		OR = 1.33–1.85 for 'low' <i>versus</i> 'high' [25(OH)D <sub>3</sub> ]	
		Poor 90-day outcome and larger infarct volume strongly related to lower vitamin D levels	
		Strong inverse relation with [25(OH)D <sub>3</sub> ]	
Stroke		Review	
		77% of patients had insufficient vitamin D levels	
		OR = 1.52 for 'low' <i>versus</i> 'high' [25(OH)D <sub>3</sub> ]	
		OR = 1.33–1.85 for 'low' <i>versus</i> 'high' [25(OH)D <sub>3</sub> ]	
		Poor 90-day outcome and larger infarct volume strongly related to lower vitamin D levels	
		Strong inverse relation with [25(OH)D <sub>3</sub> ]	
	Ischaemic only (no effect on haemorrhagic) possibly implying a role in clotting		
	Ischaemic	[25(OH)D <sub>3</sub> ] a very good predictor of favourable outcomes (OR = 1.9)	Park <i>et al.</i> (2015)
		OR = 1.6 or more for low <i>versus</i> high [25(OH)D <sub>3</sub> ]	
		1.37 RR lowest to highest tertile for seasonally adjusted [25(OH)D <sub>3</sub> ]	Chaudhuri <i>et al.</i> (2014) Brøndum-Jacobsen <i>et al.</i> (2013)
Venous thromboembolism			



Nitric oxide is a soluble gas that is continually being made from arginine in endothelial cells. Endothelial cells comprise a layer of cells inside the lining of our blood vessels.

# Suramin & Ivermectin: Purinergic Modulators important for restoring balance of Innate and adaptive Immunity

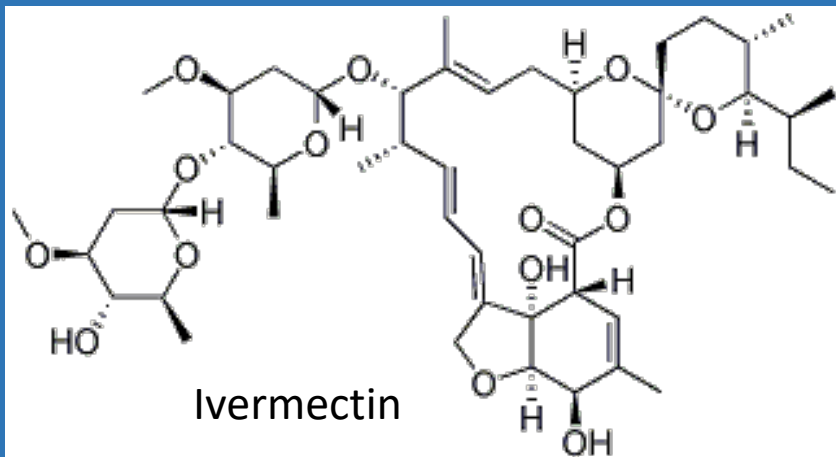
*Annual Review of Immunology*

## Purine Release, Metabolism, and Signaling in the Inflammatory Response

Joel Linden,<sup>1,2</sup> Friedrich Koch-Nolte,<sup>3</sup> and Gerhard Dahl<sup>4</sup>

Annu. Rev. Immunol. 2019. 37:325–47

The *Annual Review of Immunology* is online at [immunol.annualreviews.org](http://immunol.annualreviews.org)



- Antiparasitic 1920s
- Potent RT inhibitor 1986
- P2Y Purinergic Receptor inhibitor
- Cancer therapy prostate cancer,
- HTLV-1 cancer Bladder Cancer
  - inhibits the binding of growth factors (TGF-beta, EGF, PDGF) to their receptors and thus antagonize the ability of these factors to stimulate growth of tumor cells
- modulator of the ATP/P2X4/P2X7 axis
- selectively targets immunosuppressive myeloid cells and Tregs
- functions as an RNA helicase
- an activator of chloride channel receptors
- inducer of mitochondrial dysfunction and oxidative stress



**Both Inhibit Plasmodium parasite of the blood plasma that affects the oxygen carrying capacity of the red blood cells**

Dear Dr. Judy, I am excited to report that thanks to my jabbed neighbors and friends I have now developed sufficient immunity and ample antibodies. Look at my value: 417! Thanks to your protocol I am not afraid of the vaccinated. I take my Immune Formulation 200, Cardio Miracle, Prolean Greens DMG & Paximune regularly. Natural immunity for the win! It truly works!

**AFFIDAVIT OF Proof of IMMUNITY  
EXEMPTION ON RELIGIOUS GROUNDS FROM Vaccination/Inoculations**

Date: \_\_\_/\_\_\_/20\_\_\_

Governing Authority Name (business issuing mandate): \_\_\_\_\_  
Address: \_\_\_\_\_

**RE: Religious Exemption from Vaccination Requirements. Declaration of  
God Given IMMUNITY**

I, (Name) \_\_\_\_\_, the undersigned do hereby swear and affirm that I am a member of a recognized religious organization, and that the immunizations required by (Governing Authority Name) \_\_\_\_\_, are contrary to my religious tenets and practices. On this basis, as no vaccination on the CDC schedule has been safety tested as acknowledged by the CDC in 2019 and EUA COVID19 inoculations/immunization requirements violate my right to freely exercise my religion as guaranteed by the First Amendment of the Constitution of The United States of America, I am asserting my rights to an exemption by (Governing Authority Name) \_\_\_\_\_ from EUA Inoculation and nasal Swab PCR test requirements as I am immunized/vaccinated by virtue of the robust natural immunity I acquired when I recovered from COVID19.

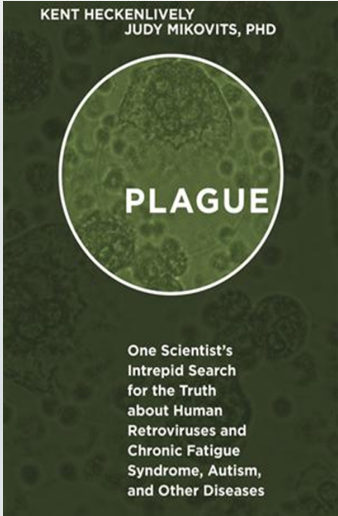
I also am immunized according to my religious beliefs as I regularly take oral booster. My immunization strategy **exceeds** FDA and CDC mandated standards, which were recently changed such that the vaccination need not provide immunity.

I qualify for this exemption based on the First Amendment of the United States Constitution and 42 U.S. Code § 2000a - Prohibition against discrimination or segregation in places of public accommodation, which states "All persons shall be entitled to the full and equal enjoyment of the goods, services, facilities, privileges, advantages, and accommodations of any place of public accommodation, as defined in this section, without discrimination or segregation on the ground of race, color, religion, or national origin." Failure to uphold 42 U.S. Code § 2000a may be met with legal action.

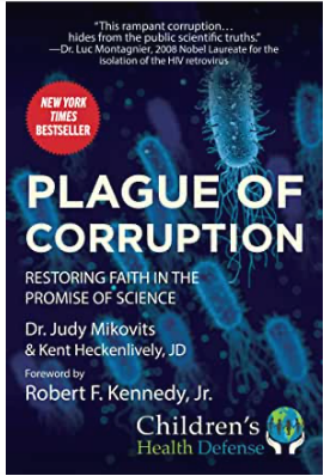
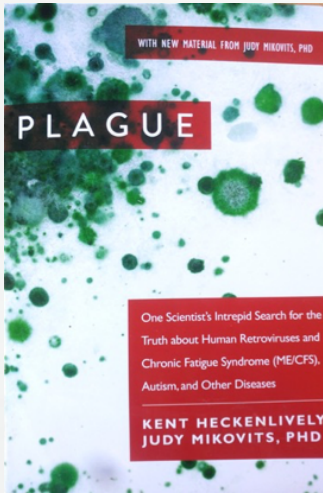
Thank you in advance

SARS CoV 2 (COVID-19) Tests		
Test Name	Result	Reference Range
SARS CoV 2 AB (IgG) NUCLEOCAPSID, QL		
SARS CoV 2 AB IGG	POSITIVE	
Reference range: Negative		
This test is intended for use as an aid in identifying individuals with an adaptive immune response to SARS-CoV-2, indicating infection. Results are for the detection of SARS-CoV-2 antibodies. IgG antibodies to SARS-CoV-2 are generally detectable several days after initial infection, although the duration of time antibodies are present post-infection is not well characterized. It is not known for how long antibodies persist following infection and if the presence of antibodies confers protective immunity. It is not detectable virus by molecular testing present for several weeks following seroconversion. Negative results do not preclude infection. This test should not be used to diagnose acute SARS-CoV-2 infection. If acute infection is suspected, direct testing methods for SARS-CoV-2 is necessary. False positive results for the test may occur due to cross-reactivity from pre-existing antibodies to other coronaviruses.		
Please review the "Fact Sheets" available for health care providers and patients using the following websites: QuestDiagnostics.com/Covid-19/HCP/antibody/fact-sheet2 QuestDiagnostics.com/home/Covid-19/Patients/antibody/fact-sheet2		
This test has been authorized by the FDA under an Emergency Use Authorization (EUA) for use by authorized laboratories. The authorized labeling is available on the Quest Diagnostics website: www.questdiagnostics.com/Covid19.		
For additional information please refer to <a href="http://education.questdiagnostics.com/faq/FAQ219">http://education.questdiagnostics.com/faq/FAQ219</a> (This link is being provided for informational purposes only.)		
SARS COV 2 AB, TOTAL SPIKE SEMI QN	417.4 H	<0.8 U/mL
INDEX	INTERPRETATION	
<0.8	Negative	
> or = 0.8	Positive	
This test is intended to help identify individuals with antibodies to SARS-CoV-2 (COVID-19). The results of this semi-quantitative test do not indicate the degree of immunity or protection from reinfection.		

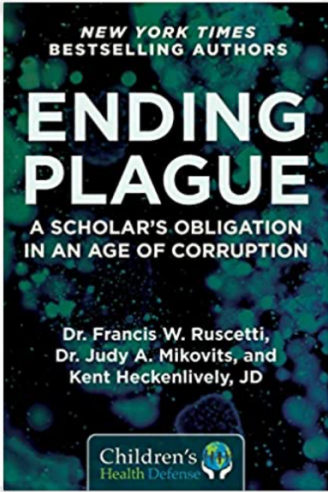
# Truth + Transparency = Trust



2014 (James 1:19-22)



2020 (Psalm 91)



2021(Ephesians 5:11)



Light Dove  
MINISTRIES

<https://www.blogtalkradio.com/citizenaction>

<https://writeyourlaws.com/amendments-to-section-230-eliminating-censorship-from-big-tech-version-2>

<https://writeyourlaws.com/the-vaccine-manufacturer-full-product-liability-restoration-act-of-2021>

[Shop.theRealDrJudy.com](http://Shop.theRealDrJudy.com)

[Therealdrjudy.com](http://Therealdrjudy.com)

[Plaguethebook.com](http://Plaguethebook.com)