

COVID-19 Vaccine Ingredients

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Introduction

On 20 August 2021 Dr. Robert Young published his team's findings after analysing the four dominant COVID-19 "vaccines" using Phase Contrast Microscopy, Transmission and Scanning Electron Microscopy and Energy-Dispersive X-ray Spectroscopy. Their findings both confirm and expand upon the prior investigations carried out by Dr. Pablo Campra (University of Almeria, Spain), Dr. Juan F. Gastón Añaños (Hospital de Barbastro, Spain), as well as the recent pathology reports from autopsies of vaccinated deceased which were carried out by Prof. Dr. Arne Burkhardt, Prof. Dr. Walter Lang and Prof. Dr. Peter Schirmacher (Germany & Austria).

Many of these substances were observed as being bonded to graphene oxide and metallic nanoparticles. GO nanoparticles are necrotic, able to pass into or through physiological barriers including (but not limited to) the blood-air barrier, the blood-testis barrier, the blood-brain barrier, and the blood-placenta barrier. Over a period of several months after intramuscular injection, as much as 75% of the GO nanoparticle "delivery platform", and most of the substances listed below, are transported extensively throughout the bodies of mammals, into the blood, brain and other organs. Some of the many toxic effects of graphene oxide are myocarditis and blood clotting. Contamination in vaccines appears to be so common that one might be forgiven for thinking that it is deliberate.

COVID-19 Vaccine Identified Ingredients

Identified Ingredients	Pfizer	AstraZeneca	Janssen	Moderna
<u>Aluminium (Al)</u>	Yes			Yes
<u>Bismuth (Bi)</u>	Yes			
<u>Cadmium (Cd)</u>				Yes
<u>Calcium (Ca)</u>				Yes
<u>Carbon (C)</u>	Yes			Yes
<u>Chloride (CL⁻)</u>	Yes			
<u>Chlorine (Cl in saline solution)</u>	Yes	Yes	Yes	Yes
<u>Chromium (Cr)</u>	Yes	Yes	Yes	
<u>Copper (Cu)</u>	Yes	Yes		Yes
<u>Graphene oxide</u>	Yes	Yes	Yes	Yes
<u>Iron (Fe)</u>	Yes	Yes	Yes	Yes
<u>Lead (Pb)</u>				Yes
<u>Magnesium (Mg)</u>				Yes
<u>Manganese (Mn)</u>			Yes	
<u>Nickel (Ni)</u>		Yes	Yes	
<u>Nitrogen (N)</u>	Yes			Yes
<u>Oxygen (O)</u>	Yes			Yes
<u>Phosphorous (P)</u>	Yes			Yes
<u>Potassium (K)</u>				Yes
<u>Selenium (Se)</u>				Yes
<u>Silicon (Si)</u>	Yes	Yes	Yes	Yes
<u>Sodium (Na in saline solution)</u>	Yes	Yes	Yes	Yes
<u>Sulfur (S)</u>	Yes	Yes		
<u>Tin (Sn)</u>		Yes		
<u>Titanium (Ti)</u>	Yes			Yes
<u>Trypanosoma (parasite)</u>	<u>Yes</u>	<u>Possible</u>		
<u>Vanadium (Va)</u>	Yes			

Source : <https://www.drrobertyoung.com/post/transmission-electron-microscopy-reveals-graphene-oxide-in-cov-19-vaccines>

These findings are compositionally consistent with some of the declared contents of the Pfizer and Moderna products. I imagine that further quantitative analysis of the contents should make it possible to identify the likely chemical compounds which have *not* been explicitly identified by the manufacturers (via mass-spectrometry and molar mass derivations). Considering the experiment that was carried out in Kenya in 2014 (and more here), I suspect that Human chorionic gonadotropin (hCG) (composed primarily of carbon, hydrogen, nitrogen and oxygen) is possibly one of them.

The discovery of stainless steel (and unidentified black particles) in the Moderna vaccines in Japan may account for some of the iron, carbon, nitrogen, aluminium, silicon, titanium, copper and/or selenium detected in that particular chimera. Moderna are claiming that the stainless steel inclusions were accidental contamination and limited to some batches manufactured by Laboratorios Farmacéuticos Rovi headquartered in Madrid. Dr. Young's team observed nano-scale shards of stainless steel in the AstraZeneca vaccine, and aggregate stainless steel particles in the Janssen vaccine.

More recently, reports are coming out of Japan revealing the presence of unidentified floating white contaminants in the Pfizer vaccines, which Pfizer are claiming are likely undissolved vaccine ingredients. Irrespective of the claimed composition thereof, are undissolved solids *ever* safe when injected into the body?

COVID-19 Vaccine Declared Ingredients

Declared Ingredients	Chemical Composition	Pfizer	Moderna
Active Ingredients			
Comirnaty mRNA	$C_{15}H_{31}N_3O_{13}P_2$ (DNA/variable)	Yes	
mRNA-1273 mRNA	$C_{15}H_{31}N_3O_{13}P_2$ (DNA/variable)		Yes
Lipids			
<u>Cholestrol</u>	$C_{27}H_{46}O$	Yes	Yes
<u>1,2-distearoyl-sn-glycero-3-phosphocholine (DSPC)</u>	$C_{44}H_{88}NO_8P$	Yes	Yes
<u>((4-hydroxybutyl)azanediyl)bis(hexane-6,1-diyl)bis(2-hexyldecanoate) (ALC-3015)</u>	$C_{48}H_{95}NO_5$	Yes	
<u>2-[(polyethylene glycol)-2000]-N,N-ditetradecylacetamide (ALC-0159)</u>	H- (O-CH ₂ -CH ₂) _n -OH	Yes	

Declared Ingredients	Chemical Composition	Pfizer	Moderna
<u>Lipid SM-102</u>	C ₄₄ H ₈₇ NO ₅		Yes
<u>1,2-dimyristoyl-rac-glycero-3-methoxy polyethylene glycol-2000 (PEG2000-DMG)</u>	(C ₂ H ₄ O) _n C ₃₂ H ₆₂ O ₅		Yes
Buffers			
potassium chloride	KCl	Yes	
monobasic potassium phosphate	KH ₂ PO ₄	Yes	
sodium chloride	NaCl	Yes	
basic sodium phosphate dihydrate	Na ₂ HPO ₄	Yes	
tromethamine (tris(hydroxymethyl)aminomethane)	C ₄ H ₁₂ CINO ₃		Yes
tromethamine hydrochloride	C ₄ H ₁₁ NO ₃		Yes
acetic acid	C ₂ H ₄ O ₂		Yes
sodium acetate	C ₂ H ₃ NaO ₂		Yes
water	H ₂ O	Yes	Yes
Other			
sucrose	C ₁₂ H ₂₂ O ₁₁	Yes	Yes

The components which *do not* appear to have been declared include:

Aluminium (Al)
Bismuth (Bi)
Cadmium (Cd)
Chromium (Cr)
Copper (Cu)
Iron (Fe)
Lead (Pb)
Magnesium (Mg)
Manganese (Mn)
Nickel (Ni)
Selenium (Se)
Silicon (Si)
Sulfur (S)
Tin (Sn)

Titanium (Ti)

Vanadium (V)

Graphene oxide (C₁₄₀H₄₂O₂₀)

...which includes the blood parasite, Trypanosoma cruzi (Chagas disease) or possibly Trypanosoma brucei (African sleeping sickness), as indicated in the most recent MHRA reports (reproduced below) and four VAERS reports. Trypanosoma is composed of carbon, oxygen, chromium, sulphur, aluminium, chloride and nitrogen.

Case Series Drug Analysis Print

Name: COVID-19 mRNA Pfizer- BioNTech vaccine analysis print

Report Run Date: 26-Aug-2021

Data Lock Date: 25-Aug-2021 18:30:56

Earliest Reaction Date: 13-Apr-1968

MedDRA Version: MedDRA 24.0

Reaction Name	Total	Fatal
Infections Infections cont'd		
<i>Treponema infections</i>		
Syphilis	2	0
<i>Trypanosomal infections</i>		
African trypanosomiasis	2	0
<i>Tuberculous infections</i>		
Latent tuberculosis	1	0
Lymph node tuberculosis	1	0
Pulmonary tuberculosis	1	0
Tuberculosis	1	0
Tuberculosis of central nervous system	1	0
<i>Upper respiratory tract infections</i>		
Acute sinusitis	4	0
Chronic sinusitis	1	0
Croup infectious	1	0
Epiglottitis	1	0
Laryngitis	24	0
Nasopharyngitis	788	0
Peritonsillar abscess	2	0
Pharyngitis	27	0
Rhinitis	36	0
Sinusitis	123	0
Tonsillitis	90	0
Tracheitis	4	0
Tracheostomy infection	1	0
Upper respiratory tract infection	6	0
<i>Urinary tract infections</i>		
Cystitis	61	0
Kidney infection	34	0
Pyelonephritis	2	0
Urinary tract infection	154	0
<i>Vascular infections</i>		
Haematoma infection	1	0
Infected lymphocele	1	0
Infusion site infection	1	0
Lymphangitis	7	0
<i>Viral infections NEC</i>		
Arthritis viral	1	0
Conjunctivitis viral	2	0
Encephalitis viral	4	1
Eye infection viral	2	0
Gastroenteritis viral	21	0
Hepatitis viral	2	0
Meningitis viral	8	0
Meningoencephalitis viral	1	0
Oral viral infection	1	0
Pleurisy viral	1	0
Pneumonia viral	2	1
Post viral fatigue syndrome	37	0
Sweating fever	77	0
Vestibular neuronitis	23	0
Viral diarrhoea	2	0
Viral infection	40	0
Viral labyrinthitis	3	0

Case Series Drug Analysis Print

Name: COVID-19 vaccine AstraZeneca analysis print

Report Run Date: 26-Aug-2021

Data Lock Date: 25-Aug-2021 18:30:56

Earliest Reaction Date: 03-Feb-1921

MedDRA Version: MedDRA 24.0

Reaction Name	Total	Fatal
Infections Infections cont'd		
Vaccination site pustule	5	0
Staphylococcal infections		
Furuncle	54	0
Staphylococcal bacteraemia	2	0
Staphylococcal infection	1	0
Staphylococcal scalded skin syndrome	1	0
Staphylococcal sepsis	4	1
Toxic shock syndrome staphylococcal	1	0
Vulvovaginitis staphylococcal	1	0
Streptococcal Infections		
Cellulitis streptococcal	1	0
Erysipelas	1	0
Meningitis pneumococcal	4	1
Pharyngitis streptococcal	9	0
Pneumonia pneumococcal	1	0
Scarlet fever	1	0
Streptococcal infection	2	0
Tonsillitis streptococcal	1	0
Tinea Infections		
Body tinea	8	0
Tinea cruris	2	0
Tinea infection	2	0
Tinea pedis	4	0
Tinea versicolour	2	0
Treponema Infections		
Neurosyphilis	1	0
Syphilis	3	0
Trypanosomal Infections		
African trypanosomiasis	6	0
Tuberculous infections		
Disseminated Bacillus Calmette-Guerin infection	1	0
Erythema induratum	1	0
Latent tuberculosis	1	0
Lymph node tuberculosis	3	0
Meningitis tuberculous	1	0
Pulmonary tuberculosis	2	0
Tuberculosis	4	0
Upper respiratory tract infections		
Acute sinusitis	6	0
Chronic sinusitis	14	0
Croup infectious	1	0
Epiglottitis	1	0
Laryngitis	36	0
Nasal vestibulitis	1	0
Nasopharyngitis	1863	0
Peritonsillar abscess	1	0
Pharyngeal abscess	1	0
Pharyngitis	38	0
Rhinitis	52	0
Sinobronchitis	1	0
Sinusitis	373	0
Tonsillitis	86	0
Tracheitis	2	0

Case Series Drug Analysis Print

Name: COVID-19 vaccine brand unspecified analysis print

Report Run Date: 26-Aug-2021

Data Lock Date: 25-Aug-2021 18:30:56

Earliest Reaction Date: 06-Feb-2020

MedDRA Version: MedDRA 24.0

Reaction Name	Total	Fatal
Infections		
<i>Abdominal and gastrointestinal infections</i>		
Appendicitis	1	0
<i>Bacterial infections NEC</i>		
Arthritis bacterial	1	0
<i>Breast infections</i>		
Mastitis	1	0
<i>Caliciviral infections</i>		
Norovirus infection	1	0
<i>Central nervous system and spinal infections</i>		
Encephalitis	1	0
Meningitis aseptic	1	0
<i>Coronavirus infections</i>		
COVID-19	16	0
Suspected COVID-19	1	0
<i>Eye and eyelid infections</i>		
Eye infection	1	0
<i>Fungal infections NEC</i>		
Fungal infection	1	0
<i>Herpes viral infections</i>		
Genital herpes	2	0
Herpes zoster	9	0
Oral herpes	2	0
<i>Infections NEC</i>		
Infection	5	0
Localised infection	1	0
<i>Infectious transmissions</i>		
Vaccine virus shedding	1	0
<i>Influenza viral infections</i>		
Influenza	13	0
<i>Lower respiratory tract and lung infections</i>		
Lower respiratory tract infection	3	1
Pneumonia	5	3
<i>Mumps viral infections</i>		
Mumps	1	0
<i>Sepsis, bacteraemia, viraemia and fungaemia NEC</i>		
Sepsis	1	0
<i>Staphylococcal infections</i>		
Furuncle	1	0
<i>Trypanosomal infections</i>		
African trypanosomiasis	1	0
<i>Upper respiratory tract infections</i>		
Nasopharyngitis	8	0
Sinusitis	1	0
Tonsillitis	1	0
<i>Urinary tract infections</i>		
Kidney infection	2	0
Urinary tract infection	3	0
<i>Viral infections NEC</i>		
Gastroenteritis viral	1	0
Sweating fever	1	0
Viral infection	2	0
Infections SOC TOTAL	89	4

Details for VAERS ID: 1382321-1

Event Information			
Patient Age	61.00	Sex	Female
State / Territory	Missouri	Date Report Completed	2021-06-08
Date Vaccinated	2021-01-08	Date Report Received	2021-06-08
Date of Onset	2021-02-05	Date Died	
Days to onset	28		
Vaccine Administered By	Work *	Vaccine Purchased By	Not Applicable *
Mfr/Imm Project Number	vsafe	Report Form Version	2
Recovered	Yes	Serious	No

* VAERS 2.0 Report Form Only

** VAERS-1 Report Form Only

"Not Applicable" will appear when information is not available on this report form version.

Event Categories	
Death	No
Life Threatening	No
Permanent Disability	No
Congenital Anomaly / Birth Defect *	No
Hospitalized	No
Days in Hospital	None
Existing Hospitalization Prolonged	No
Emergency Room / Office Visit **	N/A
Emergency Room *	No
Office Visit *	Yes

* VAERS 2.0 Report Form Only

** VAERS-1 Report Form Only

"N/A" will appear when information is not available on this report form version.

Vaccine Type	Vaccine	Manufacturer	Lot	Dose	Route	Site
COVID19 VACCINE	COVID19 (COVID19 (PFIZER-BIONTECH))	PFIZER\BIONTECH	EL1284	2	IM	RA

Symptom
ANTIBODY TEST
BLOOD TEST
UNEVALUABLE EVENT

Adverse Event Description
<p>Back in Dec before my 1st shot 12/18/20, I donated blood, confirmed my blood was good and sent to the hospital. Then I got my second shot 1/8/21 and a little bit after that I donated blood again (02/05/2021), this time sent a letter that my blood tested positive for Trypanosoma Cruzi and that they can?t use my blood and that I should see my Doc. I went to see my Infectious Disease 4/8/21 Doctor and he did all the tests and they came back negative. He said I didn?t have anything and he thinks it was a reaction from the vaccine that caused the antibodies test to be positive.</p>

VAERS ID ↓	Vaccine Manufacturer	Symptoms	Adverse Event Description ↑↓
0961987-1	PFIZER/BIONTECH	AFRICAN TRYPANOSOMIASIS	"very tired; had the feeling of acid in my mouth; 1-month-old female patient received; Sleeping sickness; Vomiting; Feeling unwell/being sick and feeling sick/still feel icky; This is a spontaneous report. A contactable healthcare professional reported that a 1-month-old female patient received BNT162B2 (PFIZER-BIONTECH COVID-19 VACCINE, lot number: EE8493), via an unspecified route of administration on 10Jan2021 at single dose for COVID-19 immunisation. The patient medical history was not reported. Concomitant medication included diazepam (DIAZEPAN) for anxiety, lithium for bipolar disorder and zopiclone for sleep loss. The patient stated on 10Jan2021, ""a few hours after the jab I started feeling unwell and had the feeling of acid in my mouth about 4 hrs later I was being sick and feeling sick, this went on and off till the following day, stopped being sick at around 11: 30 pm on the 11th, but continued to feel sick and still do now, however I'm able to work just taking my time, I am very tired and still feel icky"". Vomiting and sleeping sickness was also reported on 10Jan2021. Patient has not tested positive for COVID-19 since having the vaccine. Patient has not had symptoms associated with COVID-19. Patient is not enrolled in clinical trial. The outcome of ""feeling unwell/being sick and feeling sick/still feel icky"" was not recovered, vomiting was recovering and other events was unknown. No follow-up attempts are possible. No further information expected."
1250350-1	PFIZER/BIONTECH	AFRICAN TRYPANOSOMIASIS	Mild fever Sleeping; stomach cramps; nausea; Mild fever Sleeping; Diarrhoea; This is a spontaneous report from a contactable other hcp received from the Regulatory Authority. The regulatory authority report number is GB-MHRA-WEBCOVID-202101291156382120, Safety Report Unique Identifier GB-MHRA-ADR 24666319. A 45-year-old female patient received BNT162B2 (PFIZER-BIONTECH COVID-19 VACCINE, Solution for injection, Lot Number: ee8492), via an unspecified route of administration on 31Dec2020 at single dose for COVID-19 immunization. Medical history included multiple sclerosis for which she was taking unspecified medicines, lymphopenia from an unknown date and unknown if ongoing. Also taking Gabapentin and high dose Vitamin D. Patient has not had symptoms associated with COVID-19. Not had a COVID-19 test. Patient was not enrolled in clinical trial. Concomitant medications included dimethyl fumarate (TECFIDERA) taken for multiple sclerosis from 31Dec2020 to an unspecified stop date; gabapentin taken for an unspecified indication, vitamin D NOS taken for an unspecified indication. On an unspecified date, the patient experienced stomach cramps, nausea, mild fever sleeping, mild fever sleeping and diarrhoea on 01Jan2021. As per the case narrative, unable to keep warm (24hrs post vaccine) mild fever sleeping nausea and stomach cramps (36hrs post vaccine). Patient has not tested positive for COVID-19 since having the vaccine. The Outcome of the event diarrhoea was recovered and rest events outcome was unknown. No follow-up attempts are possible. No further information is expected.
1538592-1	PFIZER/BIONTECH	AFRICAN TRYPANOSOMIASIS	Sleeping sickness; Fever; Sleep unwell; Rash; Headache; This is a spontaneous report from a contactable consumer received from the regulatory authority report number is GB-MHRA-WEBCOVID-202107261536104970-67TJQ, Safety Report Unique Identifier GB-MHRA-ADR 25708411. A 30-year-old female patient received first dose of BNT162B2 (PFIZER-BIONTECH COVID-19 VACCINE), via an unspecified route of administration at single dose on 16Jul2021 for COVID-19 immunisation. Medical history included lactation decreased, suspected COVID-19 (unsure when symptoms started and unsure when symptoms stopped), immunodeficiency (had an illness or condition, not listed above, which reduces the immune response). Patient had not had a COVID-19 test. Patient was not pregnant and was not currently breastfeeding. Patient was not enrolled in clinical trial. The patient's concomitant medications were not reported. The patient experienced sleeping sickness, fever, sleep unwell, rash and headache on 18Jul2021. The case was reported as serious (medically significant). Outcome of fever was recovered with sequel on 22Jul2021, of sleep unwell was recovered on 22Jul2021, of rash was not recovered, of sleeping sickness and headache was recovered on 24Jul2021. Patient had not tested positive for COVID-19 since having the vaccine. No follow-up attempts are possible, Information about lot/batch number cannot be obtained. No further information is expected.

The Parasites

The recommended temperature range for storage and transportation of Pfizer's chimera is -70°C±10°C and the maximum room temperature storage time is indicated as being no more than 6 hours.

Source : https://www.pfizer.com/news/hot-topics/covid_19_vaccine_u_s_distribution_fact_sheet

Source : <https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/storage-summary.pdf>

Trypanosoma samples are cryogenically preserved for laboratory storage and transportation in a temperature range of -80°C to -60°C and seem to remain viable at room temperature for up to 6 hours.

Source : <https://www.intechopen.com/chapters/52895>

Source :

https://www.researchgate.net/publication/285417680_DURATION_OF_STORAGE_AND_TEMPERATURE_ON_THE_VIABILITY_AND_INFECTIVITY_OF_TRYPANOSOMA_BRUCEI...

The mainstream media have been pushing stories about potential outbreaks of Chagas disease (*Trypanosoma cruzi*) for several months already.

“Texas is now engaged in a major conflict with Covid-19. However, it will not be the only sickness the state will have to cope with within 2021. The state also faces a possible outbreak of Chagas Disease.”

Source : <https://www.natureworldnews.com/articles/47211/20210825/chagas-disease-texas-faces-new-deadly-outbreak-amidst-covid-pandemic.htm>

There has been some recent media reporting around snake venom as possible source of compounds for treating “COVID”. There’s similar research looking at scorpion venom as a treatment for Chagas. This makes sense if we’re dealing with a living parasite, against which these complex toxins are effective.

This may also explain the effectiveness of the anti-parasitic drug Ivermectin, which has demonstrated promising results as a possible treatment for both Trypanosoma brucei and Trypanosoma cruzi.

The Mayo Clinic list symptoms of Chagas Disease (*T. cruzi*) as swelling at the infection site*, *fever**, *fatigue**, *rash**, *body aches**, *eyelid swelling*, *headache**, loss of appetite, *nausea**, *diarrhoea* or *vomiting**, swollen glands, enlargement of your liver or spleen, irregular heartbeat*, heart failure, sudden cardiac arrest, *difficulty swallowing** due to enlarged oesophagus and stomach pain or constipation due to enlarged colon.

The World Health Organization describe the symptoms of African Sleeping Sickness (*T. brucei*) as *fever**, *headaches**, enlarged lymph nodes, *joint pains**, itching, *changes of behaviour*, *confusion*, *sensory disturbances**, poor coordination* and *disturbance of the sleep cycle*.

Symptoms above which are consistent with those of “COVID-19” (as published by the CDC and WHO) are in *italics*. Those marked with an asterisk (*) are listed by the NICD as possible COVID-19 “vaccine” side-effects.

American trypanosomiasis (T. cruzi) infection brings with it a 2.3-times higher risk of mortality regarding all causes when compared with uninfected individuals. Without treatment, African trypanosomiasis (T. brucei) is invariably fatal, with progressive mental deterioration leading to coma, systemic organ failure, and death.

The Metals

Most metals exhibit some form of toxicity when injected, but the potential for harm increases exponentially when a human body, containing magnetic or diamagnetic nanoparticles, is placed in the powerful field produced by Magnetic Resonance Imaging equipment.

URGENT WARNING.

We believe MRI scans are causing serious injuries including paralysis in Covid-19 vaccinated patients. Patients are showing clear signs of having magnetised particles within them post-vaccination.

The hypothesis is that magnetised lipid nanoparticles within the patient migrate under the huge magnetic fields used within an MRI causing damage on a nanoscale equivalent to multiple shrapnel wounds.

Source: <https://www.notonthebeeb.co.uk/post/gp-urgent-warning>



DR AFZAL NIAZ M.D, M.B.B.S (King Edward) ,FRCS
@DRAFZALNIAZ2



I am warning vaxxed individuals to avoid MRI scans, especially for the 1st few weeks, as some people have been severely affected by the electromagnetism it produces.

The most severe cases have resulted in the death of the patients. No one is reporting to VAERS.



10:30 PM · Sep 22, 2021 · Twitter Web App

1,449 Retweets **180** Quote Tweets **2,013** Likes

The photo in this tweet is actually of a [Canon Aquilion RX](#) CT scanner.

Pathology Reports

More confirmation of metals and a whole slew of unidentified contaminants have been found in both the vaccines and in the blood and organs of vaccinated patients and corpses in Germany and Austria. A growing network of dozens (possibly hundreds) of doctors and pathologists are starting to independently carry out the pharmacovigilance research which the vaccine manufacturers and governments have (criminally) neglected to do:

On Monday, 20 September, 2021, At the pathological institute in Reutlingen, the results of the autopsies of eight people who died after COVID19 vaccination were presented. The fine tissue analyses were performed by pathologists Prof. Dr. Arne Burkhardt and Prof. Dr. Walter Lang. The findings confirm Prof. Dr. Peter Schirmacher's finding that among more than 40 corpses he autopsied who had died within two weeks of COVID19 vaccination, approximately one-third of those deaths were caused by the vaccination. Microscopic details of the tissue changes were shown during the live-streamed press conference. Prof. Dr. Werner Bergholz will report on the current parameters of the statistical recording of vaccination events.

The press conference also presented the results of the analysis of COVID-19 vaccine samples by an Austrian research group, which are consistent with the findings of scientists from Japan and the USA. Undeclared metal-containing components were found in the vaccine. Visually, the vaccine elements are conspicuous by their unusual shape.

The results of the investigation have led to legal and political demands, for example, for the immediate collection of information by the authorities in order to be able to assess the health risk posed to the population by the COVID-19 vaccines. For example, early signals of impaired fertility in vaccinated individuals can be examined by consulting IVF registries. Through the cancer registry, insights can be gained into the development of cancer due to the genetic modifications of the viral RNA.

Suspension of COVID-19 vaccination should be considered.

Source : <https://pathologie-konferenz.de/en/>

Video : <https://rumble.com/vmxiwd-covid-19-vaccines-undeclared-ingredients-german.html> (with poor machine-translated English subtitles only at this time).

The Barbastro Report

The Barbastro Hospital pharmacovigilance report revealed a statistically significant incidence of "COVID" deaths in patients who had received the Chiromas® flu shot. Wider investigation into medical records confirmed this trend, leading to the conclusion that the vaccines were "iatrogenic", and were a significant contributing factor to the COVID-19 attributed deaths. They also noted that the iatrogenic component of the Chiromas® flu shot was possibly associated with the polysorbate 80 component which is used as a nonionic surfactant for graphene oxide nanoparticles in suspension.

“...the 20 deceased in the Sector were all over 65 years of age. Of them, 17 had registered the administration of the vaccine and its batch by Primary Care, and of the other 3 there is no record. Those vaccinated against influenza would therefore represent at least 85% of the total number of deaths.”

“...the death rate in the vaccinated registered is four times that of the non-vaccinated, in an already significant sample of 94 individuals.”

The Barbastro Report

Contaminants in Other Vaccines

“The analyses carried out show that in all samples checked vaccines contain non biocompatible and bio-persistent foreign bodies which are not declared by the Producers, against which the body reacts in any case. This new investigation represents a new quality control that can be adopted to assess the safety of a vaccine. Our hypothesis is that this contamination is unintentional, since it is probably due to polluted components or procedures of industrial processes (e.g. filtrations) used to produce vaccines...”

“The quantity of foreign bodies detected and, in some cases, their unusual chemical compositions baffled us. The inorganic particles identified are neither biocompatible nor biodegradable, that means that they are biopersistent and can induce effects that can become evident either immediately close to injection time or after a certain time from administration. It is important to remember that particles (crystals and not molecules) are bodies foreign to the organism and they behave as such. More in particular, their toxicity is in some respects different from that of the chemical elements composing them, adding to that toxicity...they induce an inflammatory reaction.”

Source: <https://blog.nomorefakenews.com/2021/09/15/metal-particles-in-many-vaccines-but-dont-worry-line-up-and-take-your-shots/>

Results

The investigations verified the physical-chemical composition of the vaccines considered according to the inorganic component as declared by the Producer. In detail, we verified the presence of saline and Aluminum salts, but further presence of micro-, sub-micro- and nanosized, inorganic, foreign bodies (ranging from 100nm to about ten microns) was identified in all cases, whose presence was not declared in the leaflets delivered in the package of the product (Table 2).

N	Company	Name	Alluminum	Elements Identified
1	Allergopharma - Germany	Allergoid	yes	Al
2	Aventis Pasteur MSD Lyon - Francie	Typhim Vi	no	BrKP, PbSi, FeCr, PbClSiTi
3	Baxter AG	Tetabulin	no	SiMg, Fe, SiTiAl, SBa, Zn
4	Berna Biotech	Vivotif Berna	no	FeAl, ZrAlHf, SrAl, BiAlCl
5	Berna Biotech	Inflexal V	no	CuSnPbZn, Fe, CaSiAl, SiAl, NaPZn, ZnP, AlSiTi
6	Chiron	Anatetall	Al(OH) ₃	FeAl, SZnBaAl
7	Chiron	Morupar	no	/
8	GlaxoSmithKline- Belgium	Mencevax ACWY	no	FeCrNi, ZrAl, FeCrNiZrAlSi
9	GlaxoSmithKline	Infanrix	Al(OH) ₃	Al, AlTi, AlSi
10	GlaxoSmithKline Biologicals	Infanrix hexa	Al(OH) ₃	SBa, FeCu, SiAl, FeSi, CaMgSi, AlCaSi, Ti, Au, SCa, SiAlFeSnCuCrZn, CaAlSi
11	GlaxoSmithKline Biologicals	Infanrix hexa	Al(OH) ₃ , AlPO ₄ ·2H ₂ O	W, FeCrNi, Ti
12	GlaxoSmithKline	Typherix	no	Ti, TiW, AlSiTiWCr, SBa, W, SiAl, AlSiTi
13	GlaxoSmithKline	Priorix	no	WCa, WFeCu, SiAl, SiMg, PbFe, Ti, WNiFe
14	GlaxoSmithKline	Engerix-B	no	Al (precipitates)
15	GlaxoSmithKline	Varilrix	no	FeZn, FeSi, AlSiFe, SiAlTiFe, MgSi, Ti, Zr, Bi
16	GlaxoSmithKline	Fluarix	no	AlCu, Fe, AlBi, Si, SiZn, AlCuFe, SiMg, SBa, AlCuBi, FeCrNi, SPZn
17	GlaxoSmithKline Biologicals	Cervarix	Al(OH) ₃	AlSi, FeAl, SiMg, CaSiAl, CaZn, FeAlSi, FeCr, CuSnPb
18	Novartis Vaccines and Diagnostics	Anatetall	Al(OH) ₃	Al, FeCrNi, AlCr, AlFe, BaS, ZnAl
19	Novartis Vaccines and Diagnostics	Dif-Tet-All	Al(OH) ₃	Fe, SBa, SiSBa, AlZnCu, AlZnFeCr
20	Novartis Vaccines and Diagnostics	Menjugate kit	Al(OH) ₃	SiAl, Ti, FeZn, Fe, Sb, SiAlFeTi, W, Zr
21	Novartis Vaccines and Diagnostics	Focetria	no	Fe, FeCrNiCu, FeCrNi, SiFeCrNi, Cr, SiAlFe, AlSiTiFe, AlSi, SiMgFe, Si, FeZn

22	Novartis	Agrippal S1	no	Ca, Fe, SBa, SBaZn, Cr, Si, Pb, Bi, e FeSiAlCr, SiAlSBaFe, CaAlSi, Zn, CeFeTiNi, FeCrNi
23	Novartis Vaccines and Diagnostics	Agrippal S1	no	SiAlK, Si, SiMgFe, CaSiAl, SBaZn
24	Novartis vaccines	Agrippal	no	Cr, Ca, SiCaAl, ZrSi, SBa, CuZn, SCa
25	Novartis Vaccines and Diagnostics S	Fluad	no	CaSiAl, FeSiTi, SiMgAlFe, SBa
26	Novartis Vaccines and Diagnostics	Menveo	no	CaSiAl, SiAlFe, FeCrNi, Fe, Al, SBa
27	Pfizer	Prenevar 13	no	FeCr
28	Pfizer	Prevenar 13	no	W, CaAlSi, Al, CaSiAlFe, FeS, FeCr, FeCrNi, Fe, , CaP, FeTiMn, Ba, SiMgAlFe
29	Pfizer	Meningitec - ctrl	no	Cr, Si
30	Pfizer	Meningitec - ctrl	no	FeCrNi, W
31	Pfizer	Meningitec	no	CaSiAl, CaSi, SiAlFeTi, FeCrNi, W, Fe, Pb
32	Pfizer	Meningitec	no	Cr (precipitates), Ca, AlSi
33	Pfizer	Meningitec	no	W, SiCa, CaSi, Pb, FeCrNi, Cr
34	Wyeth Pharmaceutical - UK	Meningitec	no	SiAlFe, SiAlTi, SiMgFe, W, Fe, Zr, Pb, Ca, Zn, FeCrNi
35	Sanofi Pasteur MSD- France	Vaxigrip	no	Fe, FeCrNi, SiAlFe, AlSi, SiAlFeCr
36	Sanofi Pasteur MSD	Stamaril Pasteur	no	CaSiAl, AlSi, Fe, SiMgFe, SiMgAlFe, CrSiFeCr, CrSiCuFe
37	Sanofi Pasteur MSD	Gardasil	AlPO ₄ .2H ₂ O	AlCuFe, PbBi, Pb, Bi, Fe
38	Sanofi Pasteur MSD	Gardasil	AlPO ₄ .2H ₂ O	CaAlSi, AlSi, SiMgFe, Al, Fe, AlCuFe, FeSiAl, BiBaS, Ti, TiAlSi
39	Sanofi Pasteur	Vaxigrip	no	Ca, CrFe, FeCrNi, CaSZn, CaSiAlTiFe, Ag, Fe
40	Sanofi Pasteur	Vaxigrip	no	SiMgFe, CaSiAl, AlSiFe, AlSi, FeCr, FeZn, Fe
41	Sanofi Pasteur MSD	Repevax	AlPO ₄ .2H ₂ O	Bi, Fe, AlSiFe, SiMg, SBa, Ca
42	Sanofi Pasteur MSD S	Repevax	AlPO ₄ .2H ₂ O	Ti, Br, AuCuZn, Ca, SiZn, SiAuAgCu, SiMgFe, FeCrNi, AlSiMgTiMnCrFe, SiFeCrNi, FeAl
43	Sanofi Pasteur MSD	M-M-R vaxPro	no	Si, SiFeCrNi, FeCrNi, FeNi, Fe, SCa, AlSiCa, CaAlSiFeV, SBa, Pt, PtAgBiFeCr
44	Virbac S.A. - Carros - France	Feligen CRP	no	Ca, SiAl

Table 2: List of the vaccines according to their manufacturers with the chemical composition of the debris identified in each sample. The elements most represented are reported.

Source: <https://medcraveonline.com/IJVV/new-quality-control-investigations-on-vaccines-micro-and-nanocontamination.html>

Vaccine-Associated AFM/AFP

Possibly related, several media reports appeared in recent years with regard to warnings from the CDC in 2018 of possible outbreaks of Acute Flaccid Myelitis in young children. Here's an excerpt from the CDC's "Transcript for CDC Telebriefing: Update on Acute Flaccid Myelitis (AFM) in the U.S." dated 17 October, 2018:

Right now, we know that poliovirus is not the cause of these AFM cases. CDC has tested every stool specimen from the AFM patients, none of the specimens have tested positive for the poliovirus. AFM can be caused by other viruses, such as enterovirus and west nile virus, environmental toxins and a condition where the body's immune system attacks and destroys body tissue that it mistakes for foreign material. While we know that these can cause AFM, we have not been able to find a cause for the majority of these AFM cases. The reason why we don't know about AFM — and I am frustrated that despite all of our efforts we haven't been able to identify the cause of this mystery illness.

– Dr. Nancy Messonnier, Director / CDC National Center for Immunization and Respiratory Diseases

There have been a number of articles and studies published around cases of vaccine-associated Acute Flaccid Paralysis/Myelitis:

This was the topic of discussion in this interview with Dr. Bryan Ardis.

Big Pharma & China

There exists at least one patent for these iatrogenic chimeras. Submitted in September 2020:

Nano coronavirus recombinant vaccine taking graphene oxide as carrier

Abstract

The invention belongs to the field of nano materials and biomedicine, and relates to a vaccine, in particular to development of 2019-nCoV coronavirus nuclear recombinant nano vaccine. The invention also comprises a preparation method of the vaccine and application of the vaccine in animal experiments. The new corona vaccine contains graphene oxide, carnosine, CpG and new corona virus RBD; binding carnosine, CpG and neocoronavirus RBD on the backbone of graphene oxide; the CpG coding sequence is shown as SEQ ID NO 1; the novel coronavirus RBD refers to a novel coronavirus protein receptor binding region which can generate a high-titer specific antibody aiming at the RBD in a mouse body, and provides a strong support for prevention and treatment of the novel coronavirus.

CN112220919A

China

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Other languages: [Chinese](#)

Inventor: 崔大祥, 高昂, 梁辉, 田静, 李雪玲, 沈琦

Current Assignee : Shanghai National Engineering Research Center for Nanotechnology Co Ltd

It would appear that most of the pharma-biotech giants have been deeply entwined with their Chinese counterparts for at least 30 years.

Pfizer has invested more than US\$500 million in China since the 1980s, GlaxoSmithKline (GSK) has invested over US\$400 million, while AstraZeneca has invested more than US\$140 million. AstraZeneca has opened an East Asia clinical trial center in Shanghai, Roche established its first Asian R&D center in Shanghai, Eli Lilly has also opened up a research and development (R&D) facility in Shanghai, and Novo Nordisk has an R&D facility in the Beijing Zhongguancun (ZGC) Life Science Park. GSK and Pfizer have also set up R&D centers in China.

“Biotechnology Parks: China into the Next Future” (2011) –

https://www.asiabiotech.com/15/1503/0034_0039.pdf

11 September, 2021 :

“Now, thanks to materials released through a Freedom of Information Act lawsuit by The Intercept against the National Institutes of Health (which were unredacted enough to toss Fauci under the bus), we now know that Fauci-funded EcoHealth Alliance, a New York-based nonprofit headed by Peter Daszak, was absolutely engaged in gain-of-function research to make chimeric SARS-based coronaviruses, which they confirmed could infect human cells.”

<https://www.zerohedge.com/covid-19/massive-foia-release-proves-fauci-funded-wuhan-research-construct-sars-related>

<https://theintercept.com/2021/09/06/new-details-emerge-about-coronavirus-research-at-chinese-lab/>

23 September, 2021:

“New documents show that just 18 months before the first Covid-19 cases appeared, researchers [Peter Daszak] had submitted plans to release skin-penetrating nanoparticles containing “novel chimeric spike proteins” of bat coronaviruses into cave bats in Yunnan, China.”

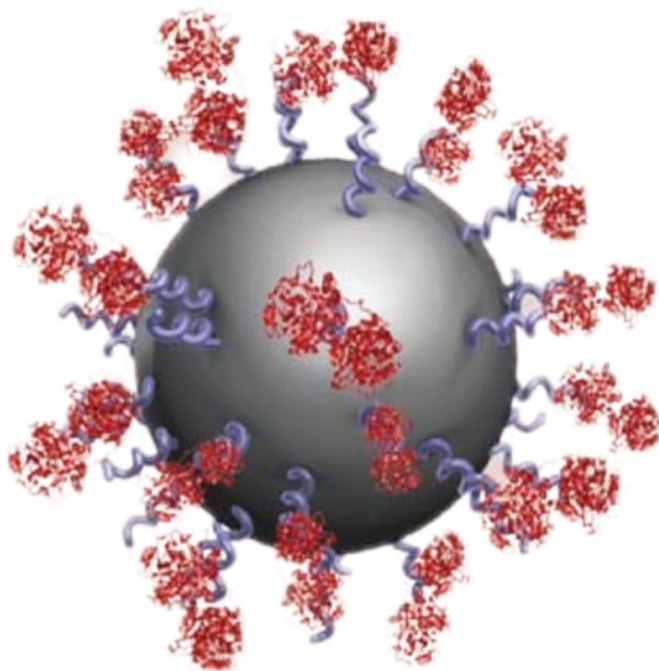
“They also planned to create chimeric viruses, genetically enhanced to infect humans more easily, and requested \$14 million from the Defense Advanced Research Projects Agency (Darpa) to fund the work.”

<https://www.zerohedge.com/political/wuhan-scientists-planned-release-chimeric-covid-spike-proteins-bat-populations-using-skin>

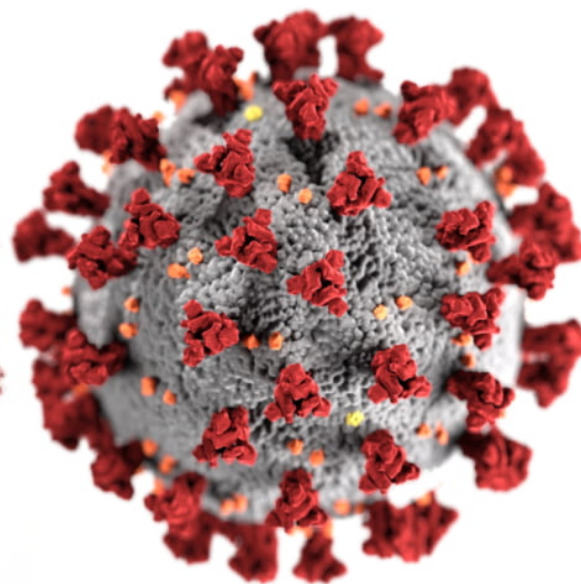
<https://drasticresearch.org/2021/09/21/the-defuse-project-documents/>

Tick-tock... I wonder where these “chimeric” bioweapons ended up?

I have retracted the TEM images which were previously published here, as I have not been able to confirm the source of the second one. As substitute, the images below serve to illustrate the remarkable visual similarity between nanoparticle protein corona's (source) and the “coronavirus” SARS-CoV-2 “spike” protein (source).



Transferrin-functionalised
silicon-oxide nanoparticle



"Coronavirus"
SARS-CoV-2

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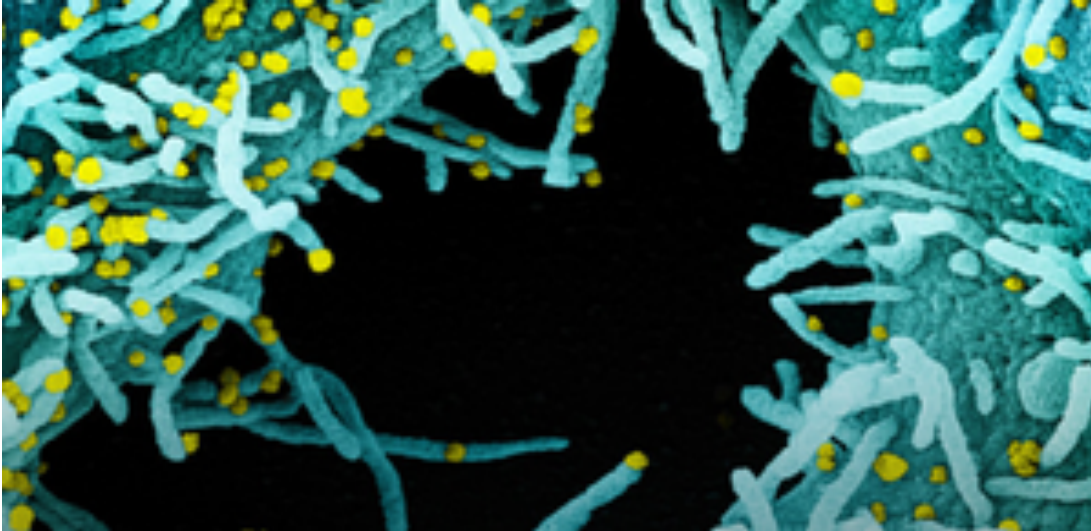
Scanning & Transmission Electron Microscopy Reveals Graphene Oxide in CoV-19 Vaccines

2021, February 5th, Updated September 11th, 2021

Author: Robert O Young CPC, MSc, DSc, PhD, Naturopathic Practitioner
www.drrobertyoung.com



Phase Contrast Microscopy, Transmission and Scanning Electron Microscopy and Energy-Dispersive X-ray Spectroscopy Reveal the Ingredients in the CoV-19 Vaccines!



[“Germs Are Born In Us and From Us as an Outfection and NOT an Infection of the Body Cells. In otherwords germs are symptoms of cellular and genetic disorganization and NOT the specific cause of the cellular and genetic disorganization! The GERM is NOTHING and the TERRAIN is EVERYTHING. Germs can only contribute to a state of toxic imbalance but NEVER cause ANY specific sickness or disease!” Dr. Robert O. Young [55]]

Abstract

Currently there are four major pharmaceutical companies who manufacture a SARS-CoV-2 now called SARS-CoV-19 vaccine. These manufactures and their vaccine are Pfizer--BioNTech mRNA Vaccine, the Moderna-Lonza mRNA-1273 Vaccine, the Serum Institute Oxford Astrazeneca Vaccine and the *Janssen COVID -19 Vaccine*, manufactured by *Janssen Biotech Inc.*, a *Janssen Pharmaceutical Company of Johnson & Johnson*, a recombinant, replication-incompetent adenovirus type 26 expressing the SARS-CoV-2 spike protein. The intended purpose of these vaccines are to provide immunity from the so-called infectious novel coronavirus or SARS-CoV - 2 virus now called the SARS-CoV - 19. These four pharmaceutical companies have not provided complete FDA disclosure on their vaccine box, insert fact sheet or label for many of the major and/or minor ingredients contained within these so-called vaccines. The purpose of this research article is to identify those

specific major and minor ingredients contained in the Pfizer Vaccine, the Moderna Vaccine, the Astrazeneca Vaccine and the Janssen Vaccine using various scientific anatomical, physiological and functional testing for each SARS-COV-2-19 vaccine. As a human right, governed under World Law by the Nuremberg Code of 1947, the vaccine specific ingredient information is critical, required and necessary to know so that any human from any country in the World can make an informed decision whether or not to consent to the SAR-CoV-2-19 inoculation. We have conducted the scientific testing on each vaccine and have identified several ingredients or adjuvants that have not been disclosed which are contained in these four SARS-CoV - 2 -19 vaccines. Currently, these vaccines are being administered to millions of humans around the World under an Emergency Use Authorization (EUA) issued by each country without full disclosure of all ingredients and in some cases mandated by governments or employers in violation of individual human rights under the Nuremberg Code of 1947.

Methodology and Techniques

Four “vaccines” were analyzed which are the Pfizer-BioNtech, Moderna-Lonza mRNA-1273 Vaccine, Vaxzevria by Astrazeneca, Janssen by Johnson & Johnson, using different instrumentation and protocols of preparation according to new nano particulate technological approaches. The different instrumentation includes Optical Microscopy, Bright-Field Microscopy, pHase Contrast Microscopy, Dark-Field Microscopy, UV absorbance and Fluorescence Spectroscopy, Scanning Electron Microscopy, Transmission Electron Microscopy, Energy Dispersive Spectroscopy, X-ray

Diffraction, Nuclear Magnetic Resonance instruments were used to verify the “vaccines” morphologies and contents. For the high-technology measurements and the care of the investigation, all the controls were activated and reference measurements adopted in order to obtain validated results.

Live Blood Phase Contrast and Dark-Field Microscopy

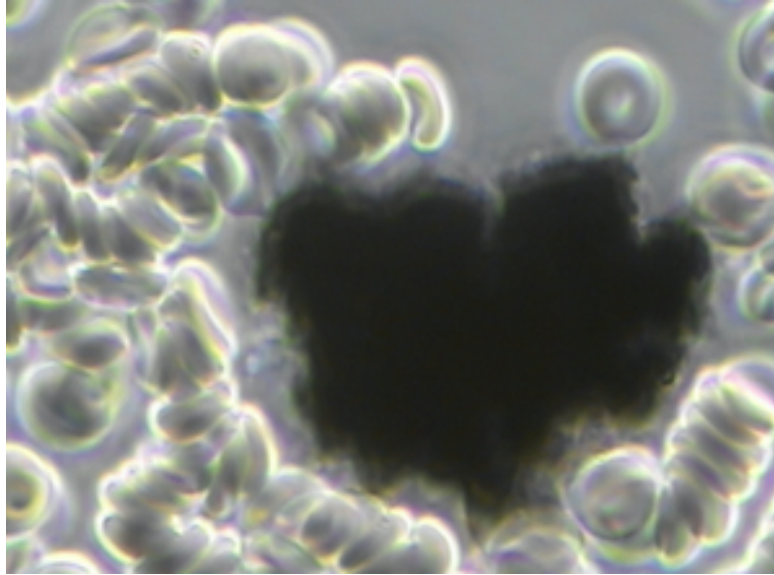
Images of the aqueous fractions of the vaccines were subsequently obtained to visually assess the possible presence of carbon particulates or graphene.

The observations under optical microscopy revealed an abundance of transparent 2D laminar objects that show great similarity with images from literature (Xu et al, 2019), and with images obtained from rGO standard (SIGMA)(Figures 1, 2 and 3).

Images of big transparent sheets of variable size and shapes were obtained, showing corrugated and flat, irregular. Smaller sheets of polygonal shapes, also similar to flakes described in literature (Xu et al, 2019) can be revealed with Phase Contrast and Dark-Field microscopy (Figure 3).

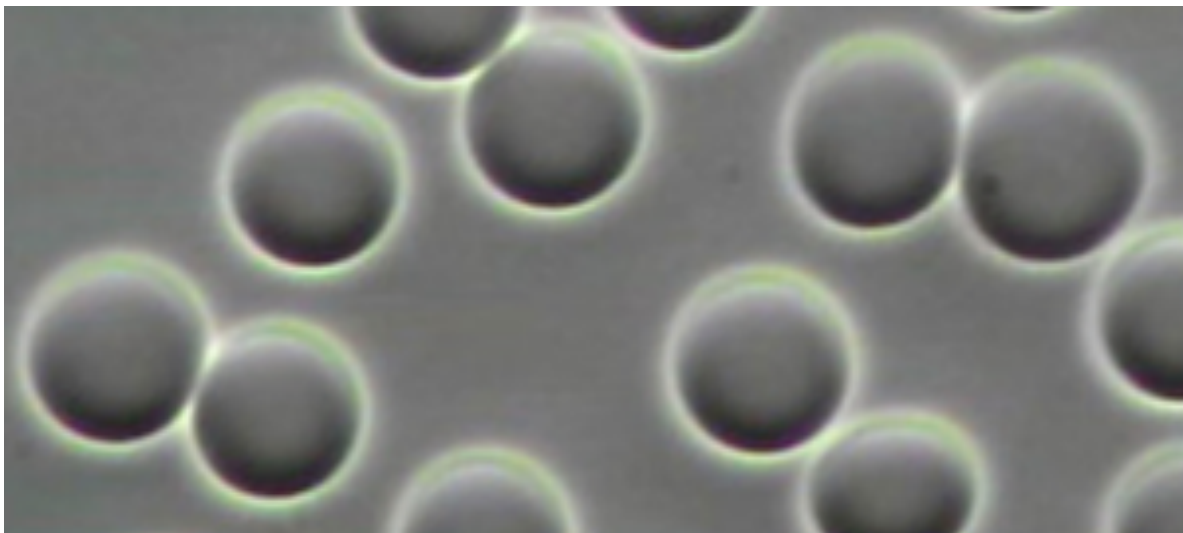
All these laminar objects were widespread in the aqueous fraction of the blood (Figure 1) or vaccine sample (Figures 2 and 3) and no component described by the registered patent can be associated with these sheets.

In Figure 1 You Can See What A Cluster Bomb of Reduced Graphene Oxide (rGO) Looks Like in the Live Unstained Human Blood after a CoV-19 Inoculation Causing Pathological Blood Coagulation![1][2][55][56][57]

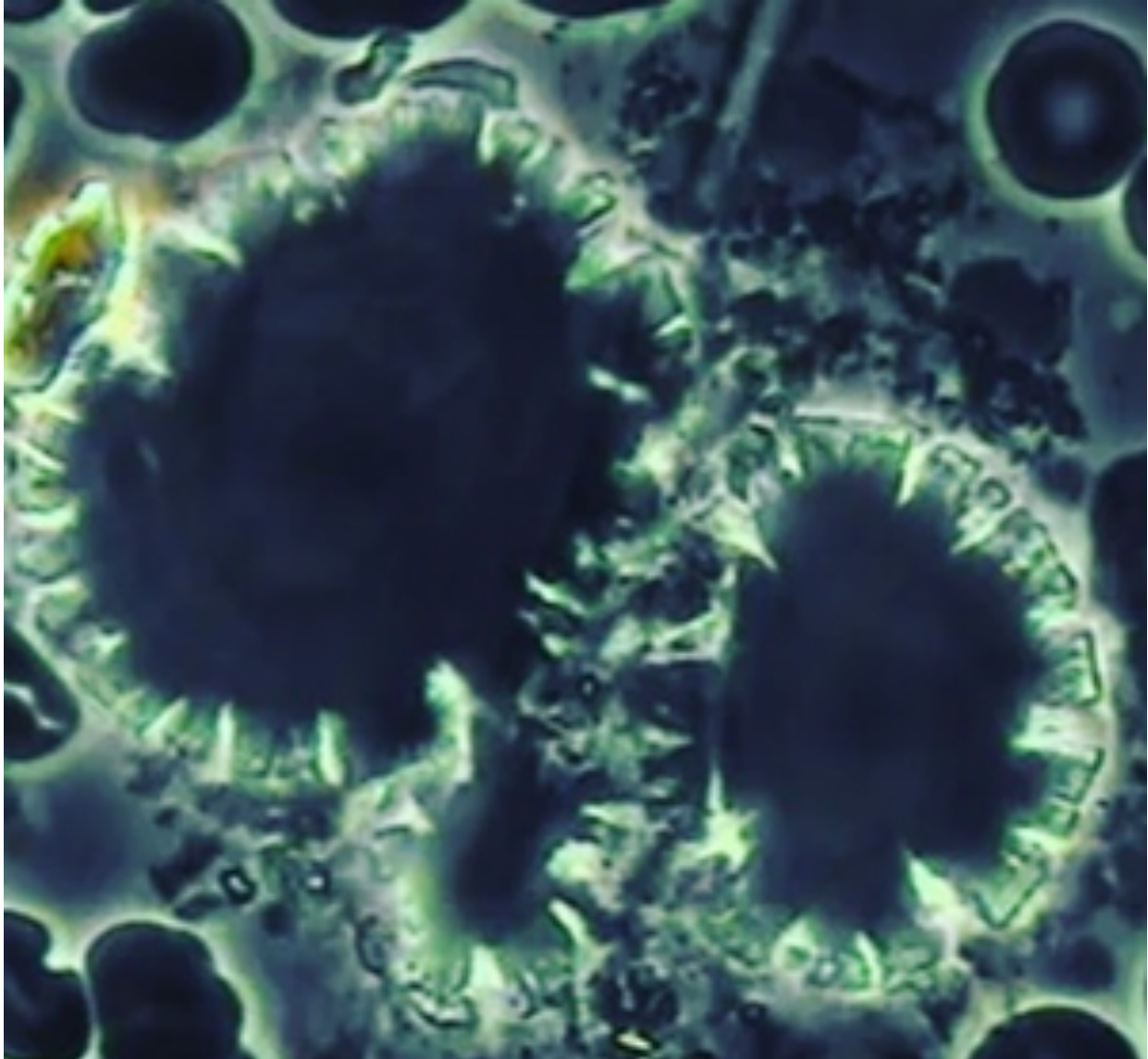


[Figure 1 is a Micrograph of a Carbon Cluster of Reduced Graphene Oxide (rGO) Viewed in the Live Unstained Human Blood with pPhase Contrast Microscopy at 1500x. Note that the Red Blood Cells are Clotting in and Around the rGO Crystal in a Condition Known as Rouleau! A French Word Which Means to Chain. Dr. Robert O. Young, Profiles in Medical Microscopy, Hikari OmniPublishing, 1987 - 2021]

Normal Healthy NormalBlood and After mRNA Inoculation

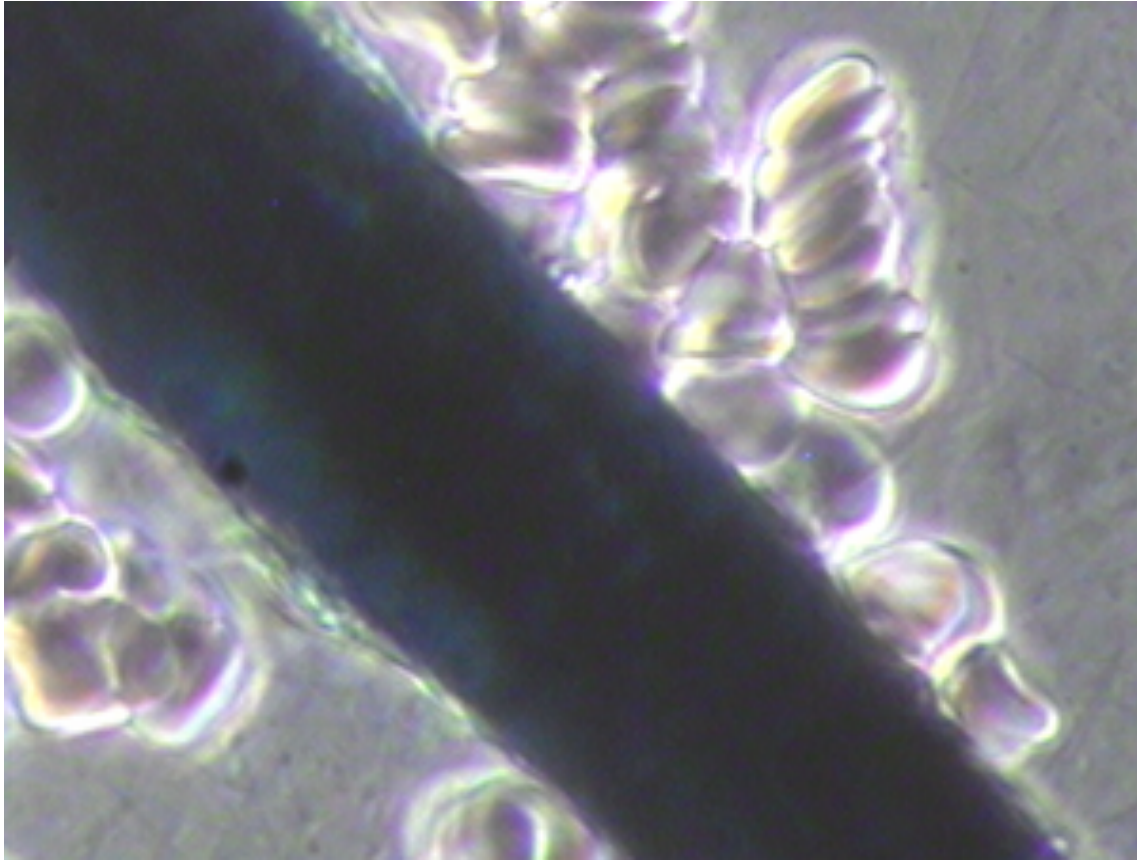


[Figure 1a Micrograph under Phase Contrast Microscopy reveals the normal healthy state of the red blood cells which are even in color, even in shape and even in size. Red Blood cells in their healthy state measure anatomically 7 microns in diameter. Dr. Robert O. Young, Profiles in Medical Microscopy, Hikari Omni Publishing, 1987-2021]

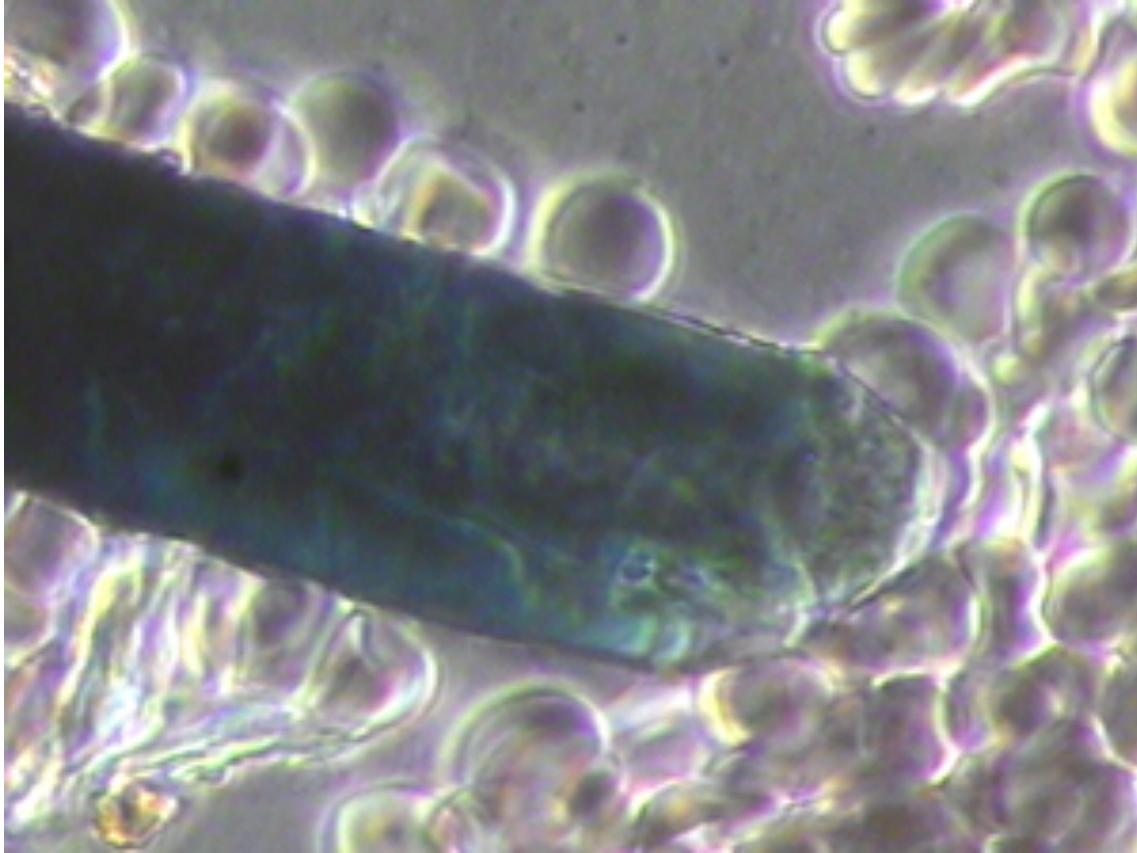


[Figure 1b Micrograph taken under Phase Contrast Microscopy reveals the live blood 24 hours after the mRNA Vaccine now containing crystallized red blood cells, biological transformations of red and white blood cells, large symplasts of graphene oxide crystals center and Orotic acid crystals in the upper right hand corner of the micrograph. Dr. Robert O. Young, Hikari Omni Publishing, September, 2021[73][74][83]]

Nano and Micro tubes Cause Pathological Blood Coagulation Leading to Hypercapnia, Hypoxia and Death[73][74][83]



[Figure 1c Viewed Under pPhase Contrast Microscopy a Nanotube of Graphene Oxide in Coagulated Red Blood Cells or Blood Clots. Dr. Robert O. Young, Hikari Omni Publishing, 2021][2][73][74][83]]



[Figure 1d Viewed Under phase Contrast Microscopy a Nanotube of Graphene Oxide in Coagulated Red Blood Cells or Blood Clots. Dr. Robert O. Young, Hikari Omni Publishing, 2021][2][73][74][83]

What Are the Non-Disclosed Ingredients Contained in CoV - 19 So-Called Pfizer, Moderna, Astrazeneca and Janssen Vaccines?[82]

To answer this question an aqueous fraction of the Pfizer, Moderna, Astrazeneca and Janssen vaccines were taken from each vile and then viewed separately under pHase Contrast Microscopy at 100x, 600x up to 1500x magnification showing anatomical evidence of reduced Graphene Oxide (rGO) particulates which were compared to micrographs of rGO **from** Choucair et al, 2009 for identification and verification.[3]

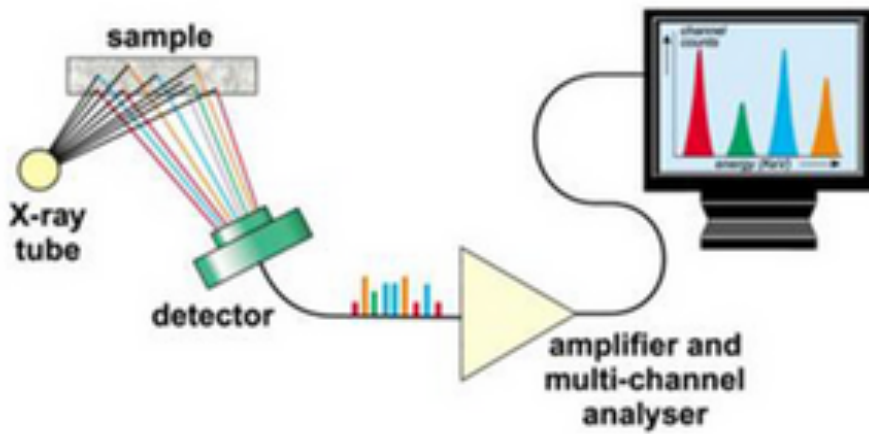
Steps of Analysis of Vaccine Aqueous Fractions

Refrigerated samples were processed under sterile conditions, using laminar flow chamber and sterilized lab ware.

Steps for analyses were:

- 1.** Dilution in 0.9% sterile physiological saline (0.45 ml + 1.2 ml)
- 2.** Polarity fractionation: 1.2 ml hexane + 120 ul of RD1 sample
- 3.** Extraction of hydrophilic aqueous pHase

4. UV absorbance and fluorescence spectroscopy scanning



5. Extraction and quantification of RNA in the sample

6. Electron and optical microscopy of aqueous pHase



Philips XL 30 Scanning Electron Microscope

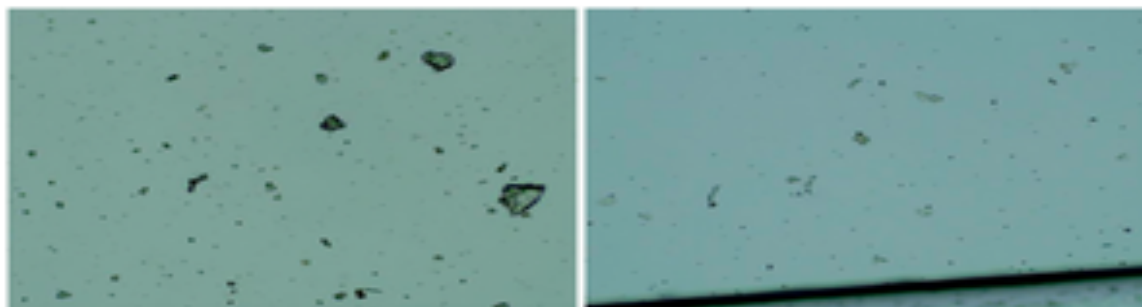
[1] The Pfizer "Vaccine" Non-disclosed Ingredients

The micrographs in Figures 2 and 3 were obtained using 100X, 600X, 1000X and 1500X pHase Contrast, Dark Field and Bright Field Optical Microscopy.[3]

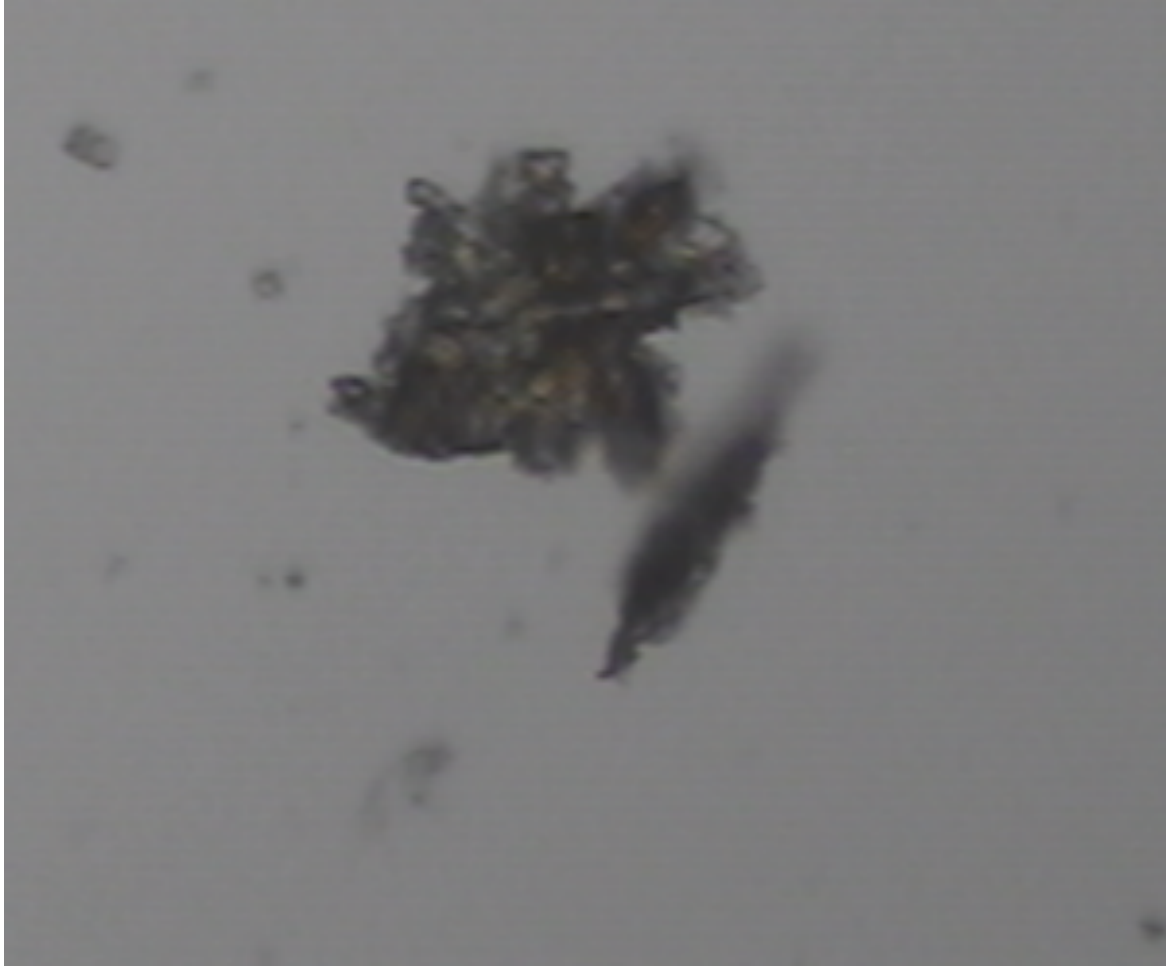
On the left of each micrograph you will view micrographs obtained from the Pfizer vaccine aqueous fraction containing rGO.

On the right of each micrograph ou will view a match from known sources containing rGO for anatomical validation.

The observations under a pHase Contrast, Dark-Field, Bright-Field microscopy, Transmission and Scanning Electron microscopy of the vaccine product by Pfizer, including vaccine products of Moderna, Astrazeneca and Janssen revealed some entities that can be graphene strips as seen below in Figure 3.



[Figure 2 shows an aqueous fraction image from Pfizer vaccine sample (left) and from reduced graphene oxide (rGO) standard (right) (Sigma-777684). Optical microscopy, 1000X]



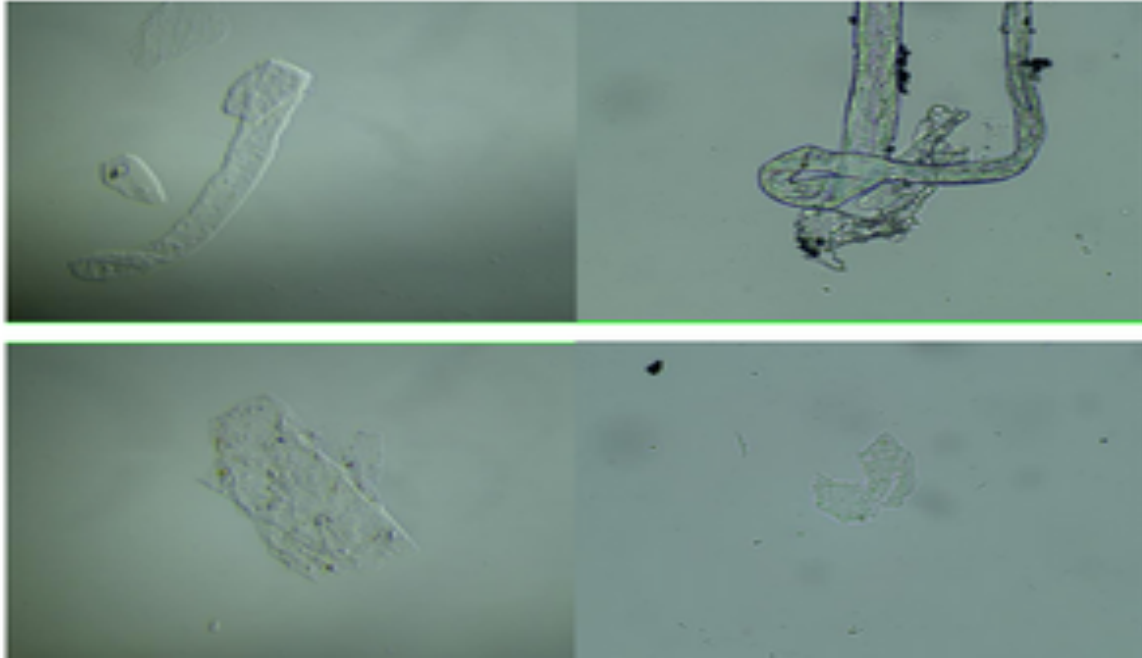
[Figure 2a is a 0.5ml aqueous fraction image from Pfizer vaccine sample viewed under phase contrast microscopy at 1000x, showing a symplast of graphene oxide (upper left) next to a Trypanosoma cruzi parasite (lower right). Dr. Robert O. Young, Hikari Omni Publishing, September 11th, 2021[2][9][73][83]]



[Figure 2b is a 0.5ml aqueous fraction image from Pfizer vaccine sample viewed under pHase contrast microscopy at 1000x, showing a symplast of graphene oxide (upper left) and an unidentified parasite (lower right). Dr. Robert O. Young, Hikari Omni Publishing, September 11th, 2021[2][9][73][83]]



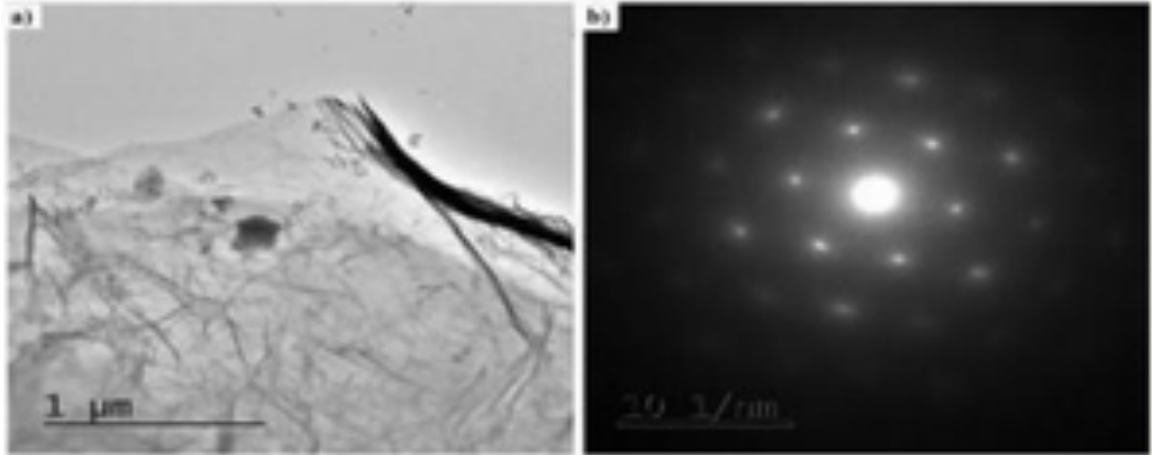
[Figure 2c is a 0.5ml aqueous fraction image from Pfizer vaccine sample viewed under pHase contrast microscopy at 1000x, showing a graphene oxide ribbon. Dr. Robert O. Young, Hikari Omni Publishing, September 11th, 2021[2][9][73][74][83]]



[Figure 3 - Aqueous fraction images containing reduced graphene oxide from Pfizer vaccine sample (left) and sonicated reduced graphene oxide (rGO) standard (right) (Sigma-777684). Optical phase contrast microscopy, 600X. In addition, the Muestra RD1, La Quinta Columna Report, June 28, 2021; Graphene Oxide Detection in Aqueous Suspension; Delgado Martin, Campa Madrid confirmed our findings.][4][73][74][83]

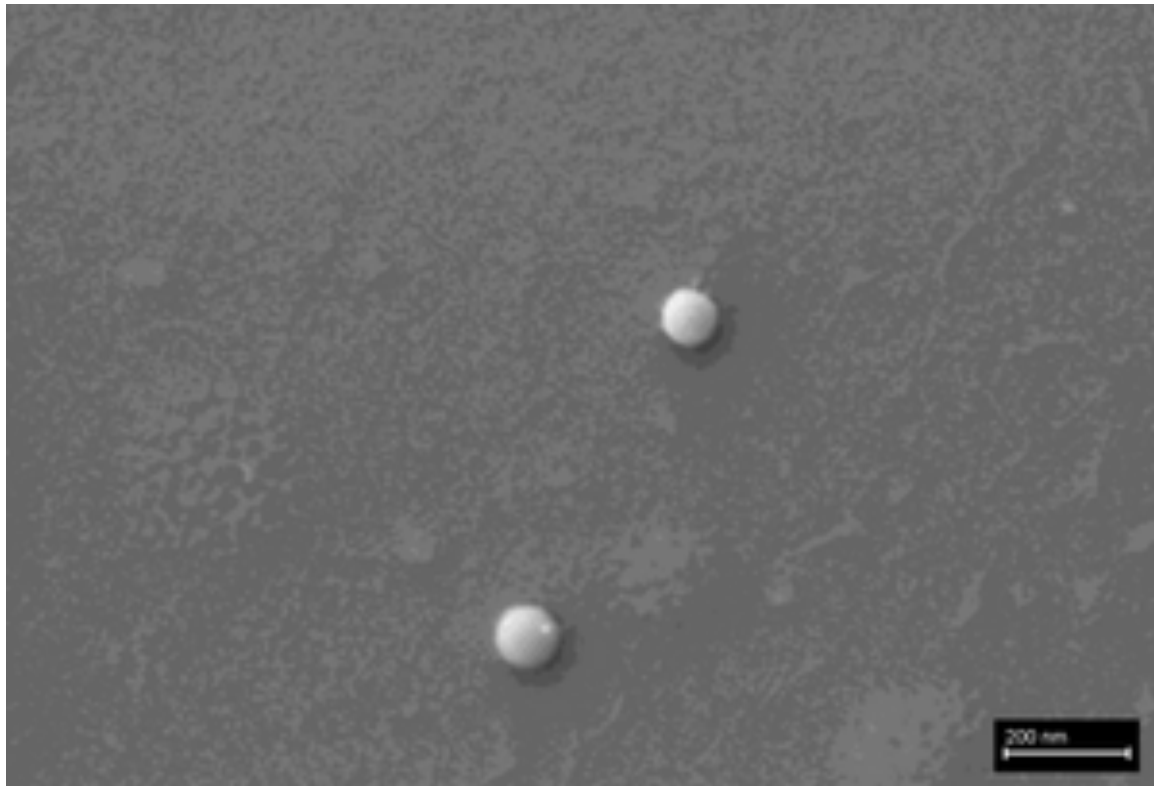
For a definitive identification of graphene by TEM, it is necessary to complement the observation with the structural characterization by obtaining a characteristic electron diffraction standard sample (as the figure 'b' shown below).[4]

The standard sample corresponding to graphite or graphene has a hexagonal symmetry, and generally has several concentric hexagons.



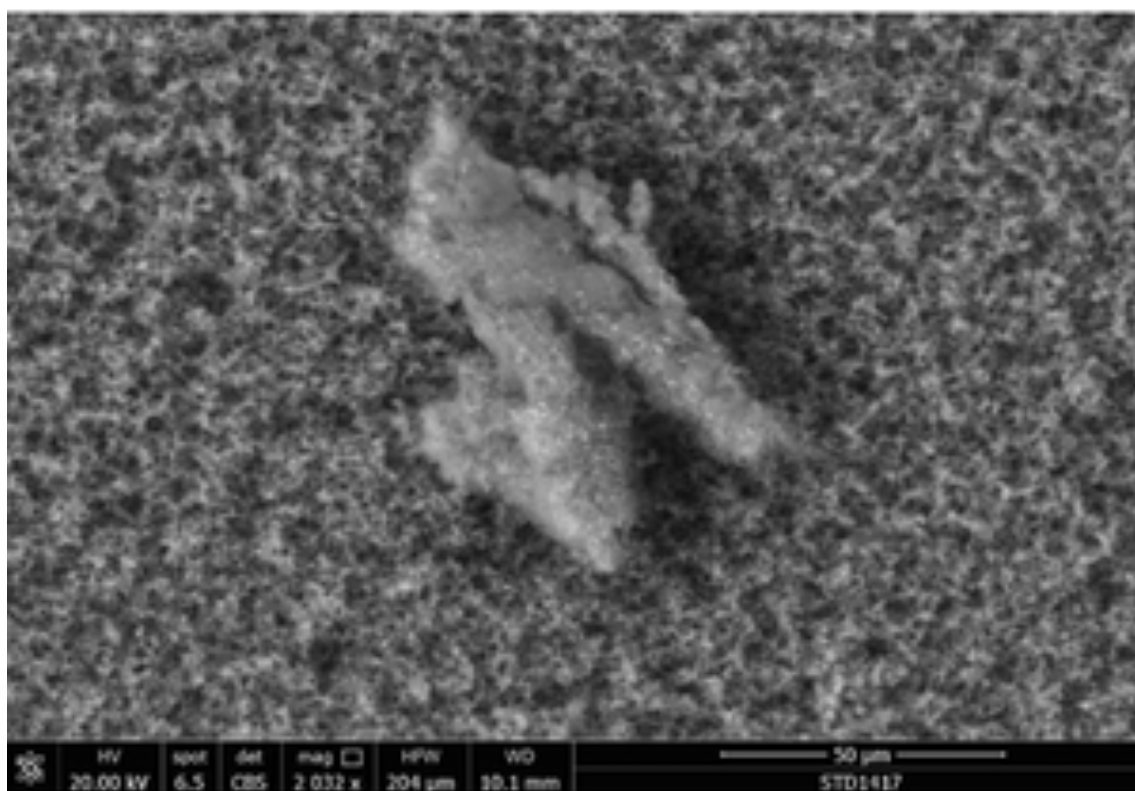
[Figure 4b Reveals X ray Diffraction Pattern of the Graphene Particles.] [4][[73]74][83]]

Using Transmission Electron Microscopy (TEM) we observed an intricate matrix or mesh of folded translucent flexible rGO sheets with a mixture of darker multilayer agglomerations and lighter colored of unfolded monolayers as seen in Figure 5. [3][4][73][74][83]



[Figure 4 shows the liposome Capsid containing rGO that Pfizer uses for its product to vehiculate the graphene oxide by attaching the Liposome capsid to specific mRNA molecules for driving the Liposome contents of rGO to specific organs, glands and tissues, namely the ovaries and testes, bone marrow, heart and brain. The image was obtained by a SEM-Cryo preparation.[83]]

Using Transmission Electron Microscopy (TEM) revealed an intricate matrix or mesh of folded translucent flexible rGO sheets with a mixture of darker multilayer agglomerations and lighter colored of unfolded monolayers as seen in Figure 5. [3]

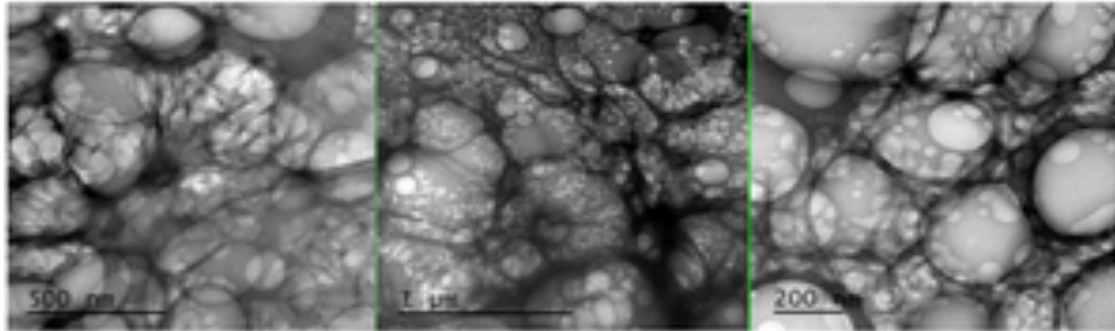


[Figure 5 shows a cluster of graphene nanoparticles in a Pfizer vaccine. They appear to be aggregated.[83]]

The darker linear areas in Figure 5 appear to be local overlap of sheets and local arrangement of individual sheets in parallel to the electron beam.[5]

After the mesh, a high density of unidentified rounded and elliptical clear shapes appears, possibly corresponding to holes

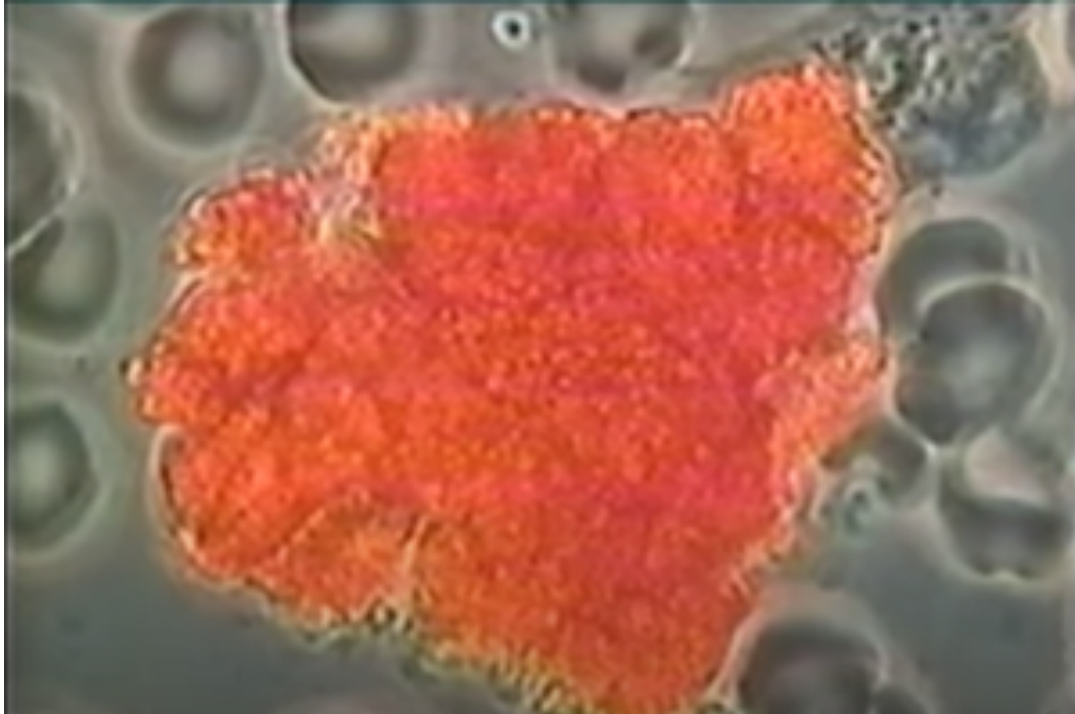
generated by mechanical forcing of the rGO mesh during treatment as seen in Figure 6.[\[4\]](#)[\[5\]](#)[\[73\]](#)[\[74\]](#)[\[83\]](#)



[Figure 6 shows a TEM microscopy observation where particles of reduced graphene oxide in a Pfizer vaccine are present. The X-ray diffractometry reveals their nature of crystalline Carbon-based nanoparticles of rGO.[\[4\]](#)[\[5\]](#)[\[73\]](#)[\[74\]](#)[\[83\]](#)]

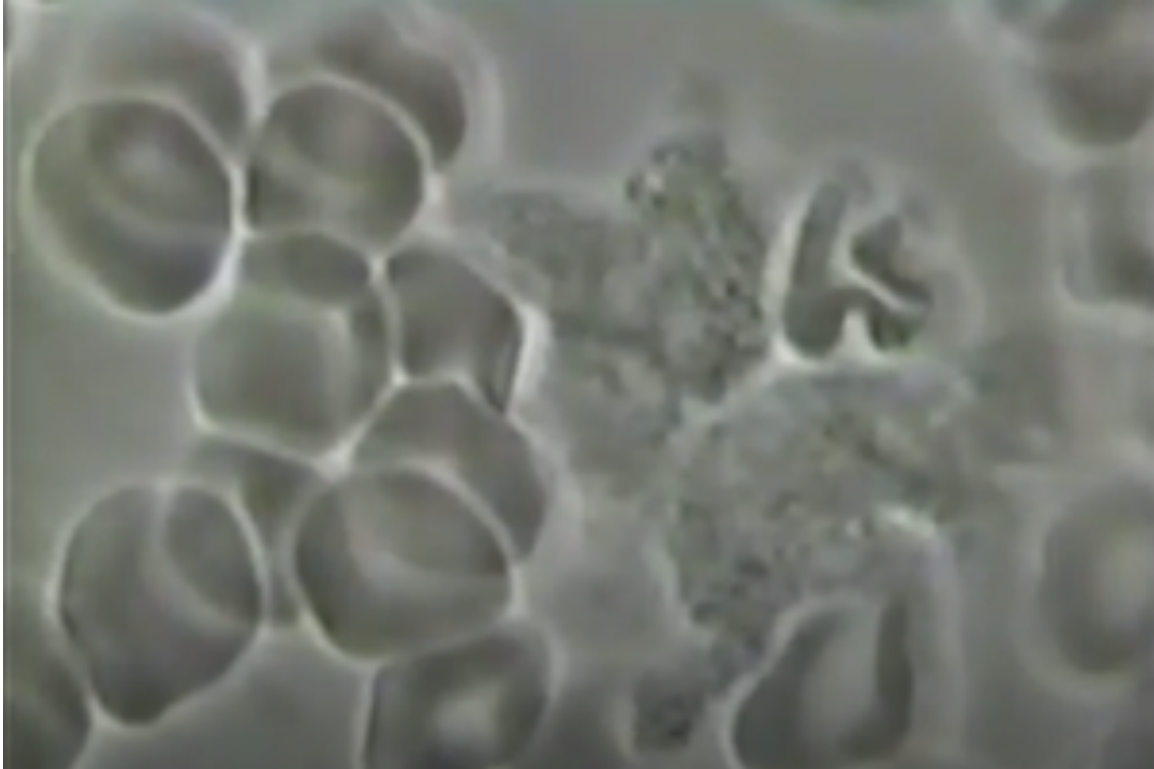
The Immune Response to Dietary, Metabolic, Environmental and Inoculated Organic and Inorganic Micro and Nano Particulates

The bright orange blood crystal below is solidified uric acid from the ingestion of a high protein diet from animal flesh, blood and interstitial fluids. You will note that there are several neutrophils attempting to clean-up and remove this toxic mass. This is the main purpose of white blood cells to manage and maintain the delicate pH balance of the body fluids.



[https://youtu.be/yKONi_hDsfE Dr. Robert O. Young – Profiles in Medical Microscopy, Hikari Omni Publishing, 1987- 2021]

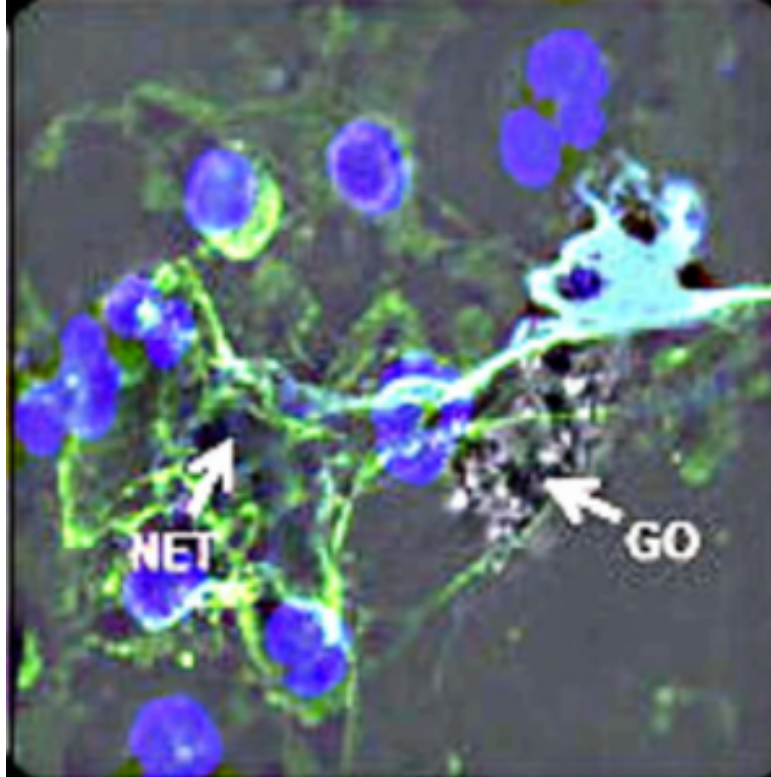
As you watch the video above you view two neutrophils (neutrophils make up 2/3rds of the total white blood count) swimming through the blood plasma. The neutrophil from the left is moving downward to pick up a biological transformation of a Y-form yeast, like Candida albicans. Within about one minute you will see this neutrophil expel this highly toxic Y-form yeast back into the blood plasma.



[Two Neutrophils Streaming Through the Blood Plasma Picking up Pathogen or Biological Transformations of Bacteria and Yeast from Cellular Degeneration of What Use to be Healthy Body Cells. Dr. Robert O. Young – Profiles in Medical Microscopy, Hikari Omni Publishing, 1987- 2021]

This is the main function of neutrophils to pick up organic and non-organic micro and nanoparticulates, such as lactic acid, uric acid, bacteria, yeast, mold and even graphene oxide as seen in the micrograph below labeled GO to the right and a neutrophil labeled NET to the left.

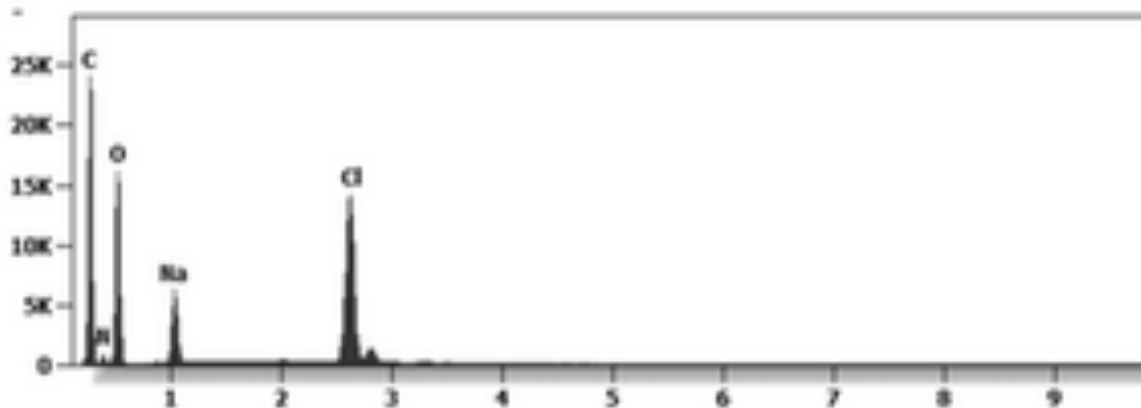
Once again, the neutrophils are white blood cells attempting to isolate and then pick up and remove the graphene oxide, a toxic acidic pathogen which is contained in all CoV - 2 - 19 so-called vaccines as seen in the micrograph below!



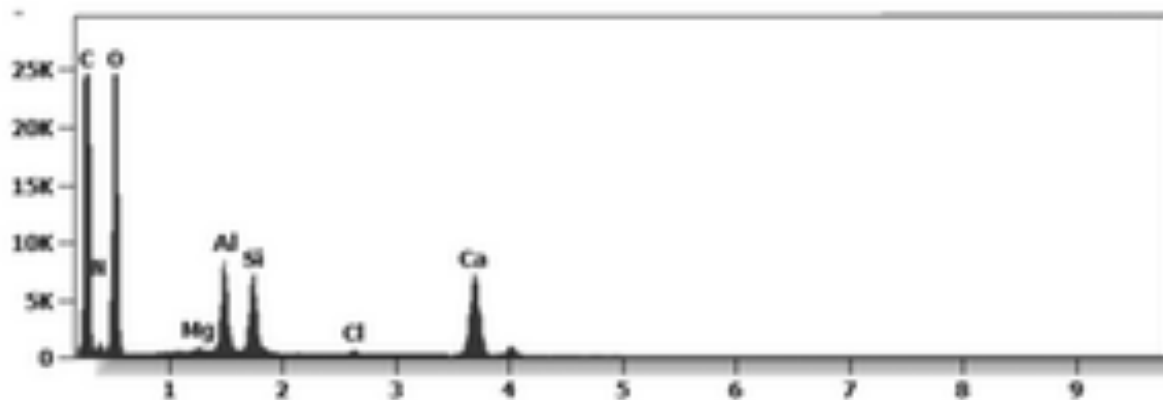
[The micrograph above is showing the graphene oxide (GO) and the poisoning and destruction of the neutrophils (NET - which make up over 60 percent of all white blood cells) which are designed to pick up and eliminate foreign toxic chemical waste and biologicals. The Scientists at Karlinska Institute, the University of Manchester, Chalmers University of Technology and the Scientific Team of Dr. Robert O. Young have shown that the human immune system handles graphene oxide in the same manner as bacteria, yeast or mold.[83]]

Energy-Dispersive X-ray Spectroscopy Reveals rGO in Pfizer Vaccine[6][7][8]

The Pfizer vaccine liquid fraction was then analyzed for chemical and elemental content using Energy-dispersive X-ray spectroscopy (*EDS*) as seen in Figure 6. The EDS spectrum showed the presence of Carbon, Oxygen verifying the rGO elements and Sodium and Chloride since the sample shown in Figures 2, 3, 5, 6, 7 & 7a were diluted in a saline solution.



[Figure 7 shows a spectrum of a Pfizer “vaccine” under an ESEM microscopy coupled with an EDS x-ray microprobe (X axis =KeV, Y axis = Counts) identifying Carbon, Oxygen, Sodium and Chloride.[83]]



[Figure 7a shows he spectrum of a Pfizer “vaccine” nanoparticulates of graphene oxide, magnesium, aluminum, silicon, chloride and calcium identified under an ESEM microscope coupled with an EDS x-ray microprobe. (X axis =KeV, Y axis = Counts)[75][83]]

The Quantification of mRNA in the Pfizer Vaccine

The quantification of RNA in the Pfizer sample was carried out with conventional protocols (Fisher).

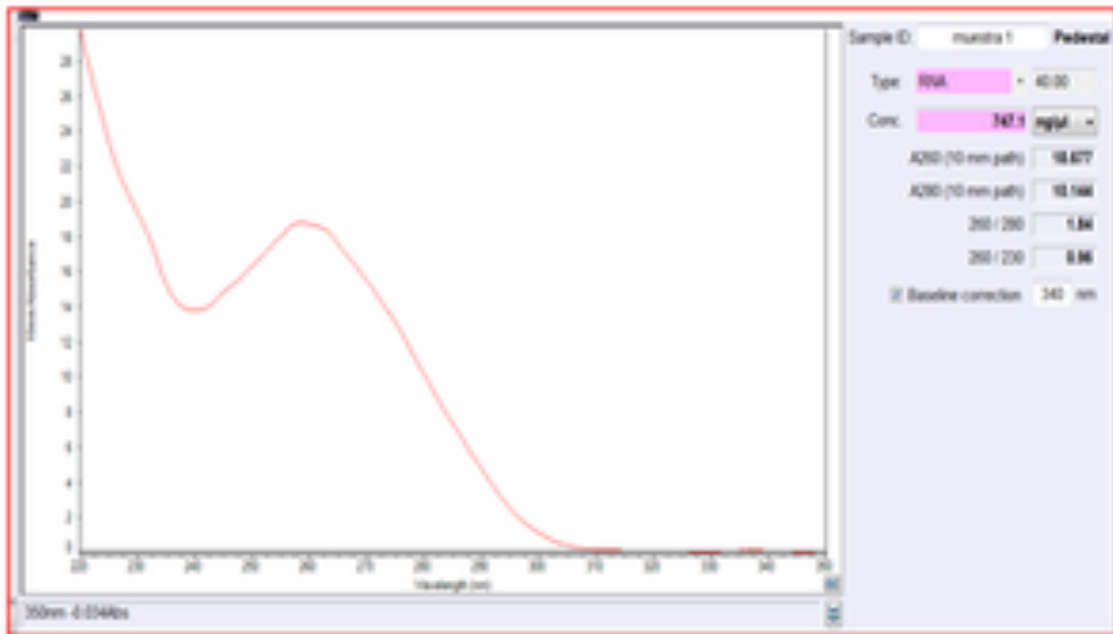
According to NanoDrop™ 2000 spectrophotometer calibration check specific software (Thermofisher), the UV absorption

spectrum of total aqueous fraction was correlated to 747 ng/ul of unknown absorbing substances.

However, after RNA extraction with commercial kit (Thermofisher), quantification with RNA specific Qbit fluorescence probe (Thermofisher) showed that only 6t ug/ul could be related to the presence of RNA. The spectrum was compatible with the peak of rGO at 270nm.

According to microscopic images presented here, most of this absorbance might be due to graphene-like sheets, abundant in the fluids suspension in the sample.

The conclusions are further supported by high fluorescence from the sample with maximum at 340 nm, in accordance with peak values for rGO. It must be reminded that RNA does not show spontaneous fluorescence under UV exposure.

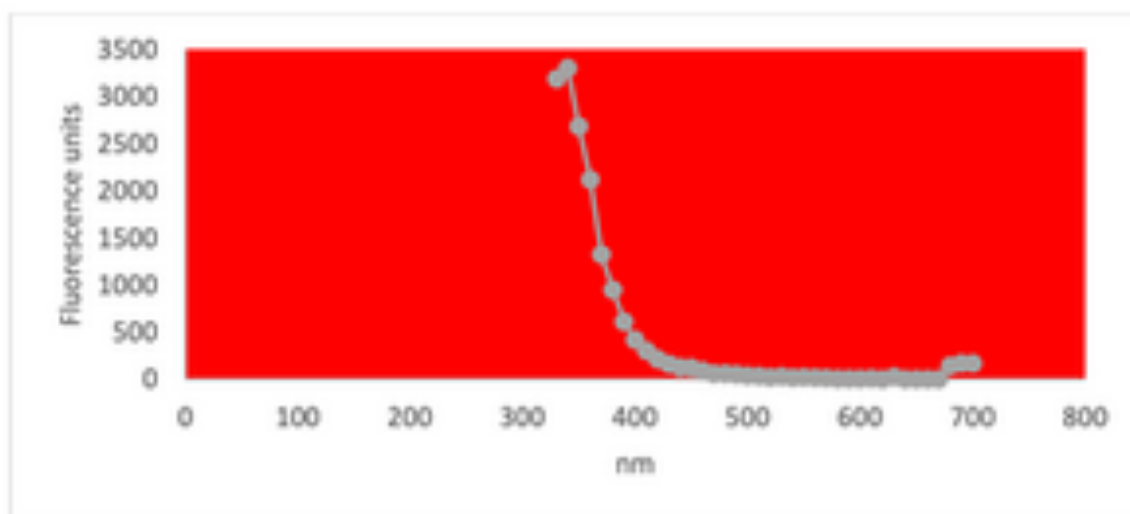


[Figure 8 - UV spectrum of aqueous fraction of Pfizer vaccine sample.[1][2][3][4][5][7]]

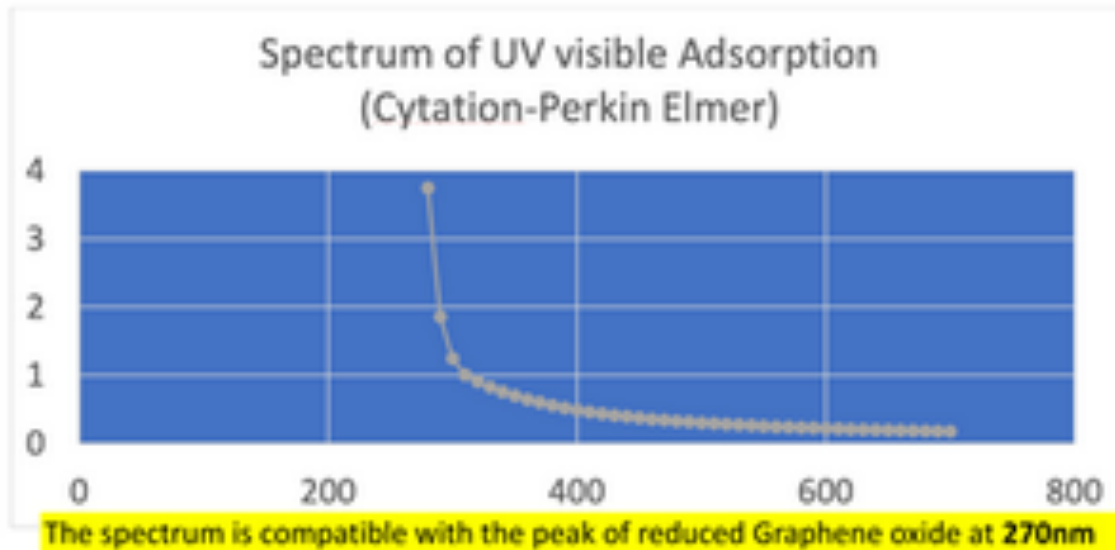
Ultra Violet Fluorescence Testing of the Pfizer Aqueous Fraction for Reduced Graphene Oxide (rGO)[6]

Ultra Violet absorption and fluorescence spectrum were obtained with Cytation 5 Cell Imaging Multi-Mode Reader Spectrophotometer (BioteK). UV absorbance spectrum confirmed a maximum peak at 270nm, compatible with presence of rGO particulate.

UV fluorescence maximum at 340 nm also suggests presence of significant amounts of rGO in the sample (Bano et al, 2019).

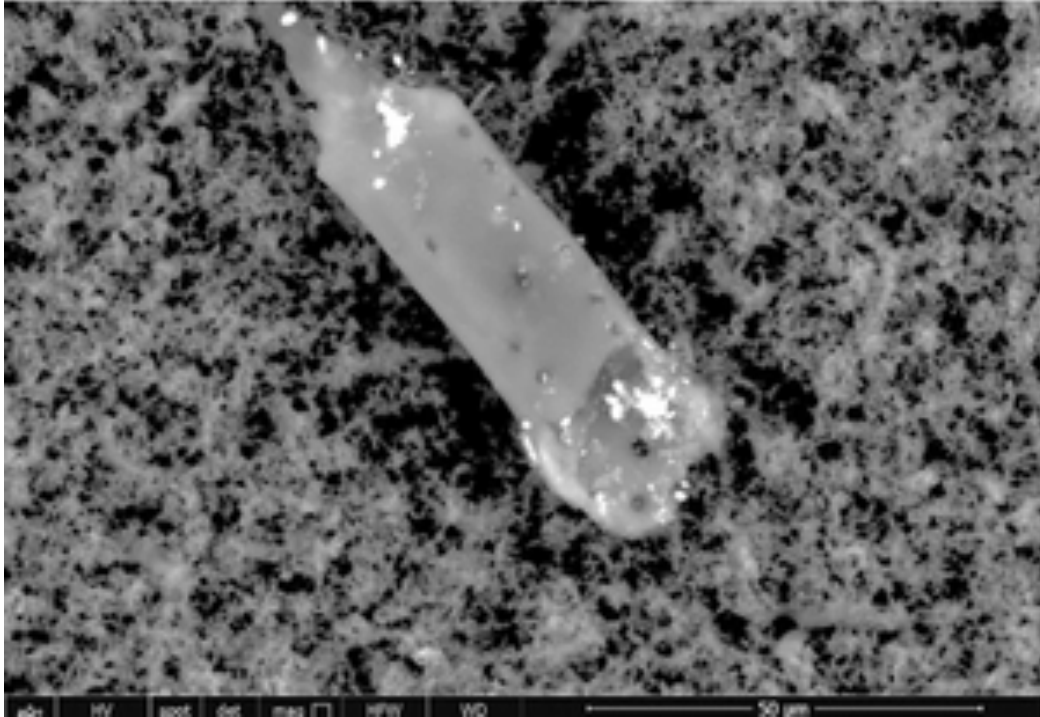


[Figure 9 - UV absorption and fluorescence spectra were obtained with Cytation 5 Cell Imaging Multi-Mode Reader Spectrophotometer (BioteK). UV absorbance spectrum confirmed a maximum peak at 270 nm, compatible with presence of rGO. UV fluorescence maximum at 340 nm also suggests presence of significant amounts of rGO in the sample (Bano et al, 2019).]

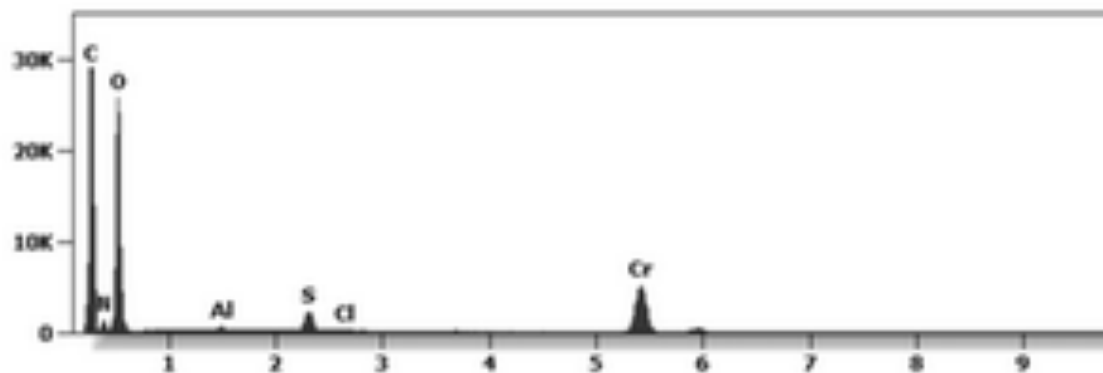


[Figure 10 - The spectroscopy UV analysis showed an adsorption due to the presence of reduced graphene oxide, which is confirmed by observation under ultraviolet visible microscopy.]

Figures 11 and 12 below shows a micrograph of different micro and nano particulates which have been identified in the Pfizer, Moderna, Astrazeneca and Janssen, so-called “vaccines” and analyzed under an Environmental Scanning Electron Microscope (SEM) coupled with an x-ray microprobe of an Energy Dispersive System (EDS) that reveals the [particle size](#), [composition distribution](#) and chemical nature of the observed micro and nano particulates under observation.[6][7][8]



[Figure 11 shows sharp micron debris of 20 um in length identified in the Pfizer so-called “vaccine” containing Carbon, Oxygen Chromium, Sulphur, Aluminum, Chloride, Nitrogen.[75][83]]



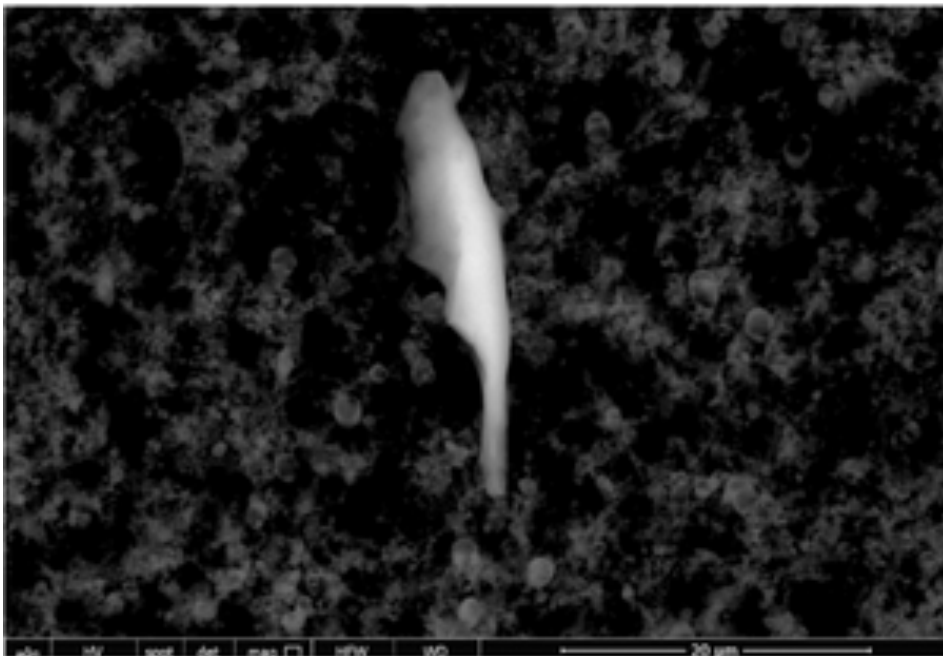
[Figure 12 shows a 20 micron in length particulate identified in the so-called Pfizer “vaccine”. It is composed of carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen.[75][83]]

Figures 13 and 14 below shows a micrograph of different micro and nano particulates which have been identified in the Pfizer, Moderna, Astrazeneca and Janssen, so-called “vaccines” and analyzed under an Environmental Scanning Electron Microscope (SEM) coupled with an x-ray microprobe of an Energy Dispersive System (EDS) that reveals the [particle size](#),

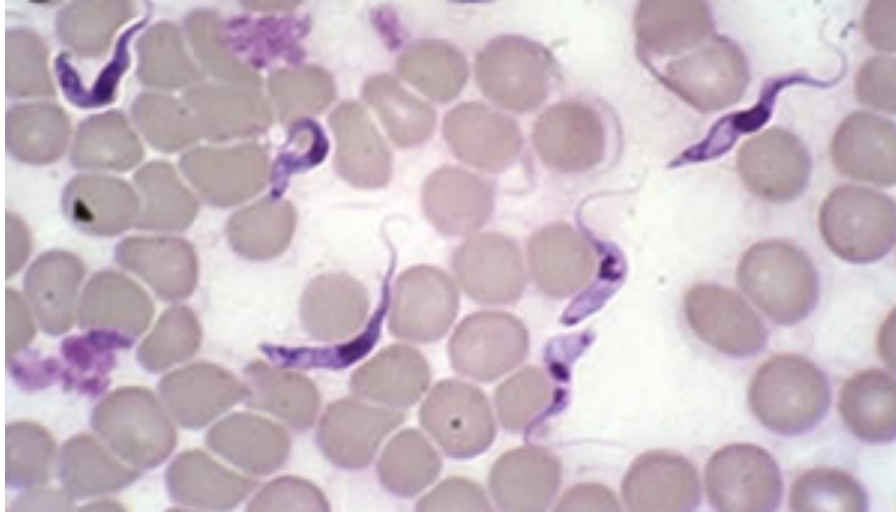
[composition distribution](#) and chemical nature of the observed micro and nanoparticulates under observation.

Are There Parasites in the Pfizer "Vaccines"?

A 50 micron elongated body, as seen in [Figure 13](#) is a sharp mysterious presence in the Pfizer vaccine. It appears and is identified anatomically as a *Trypanosoma cruzi* parasite of which several variants are lethal and is one of many causes of acquired immune deficiency syndrome or AIDS. [*Atlas of Human Parasitology, 4th Edition, Lawrence Ash and Thomas Orithel, pages 174 to 178*][9][83]

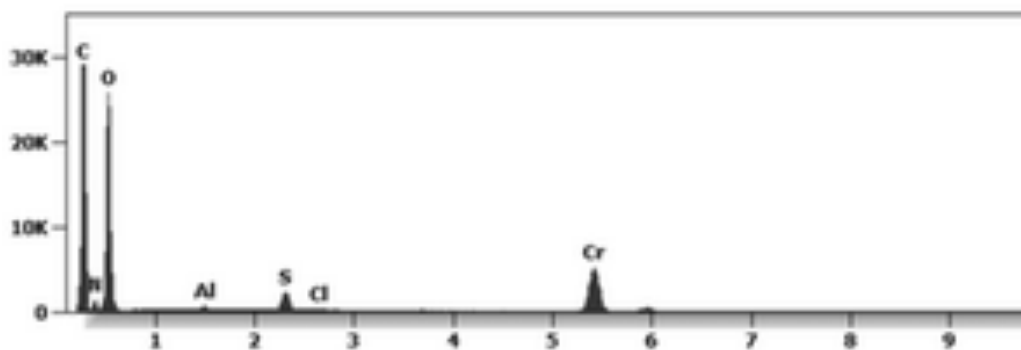


[Figure 13 shows a Trypanosoma Parasite approximately 20 microns in length found in the so-called Pfizer "vaccine". It is composed of carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen.][9][83]]



[A Live Blood pHase Contrast Microscopy Micrograph of Trypanosoma cruzi Parasite[9]]

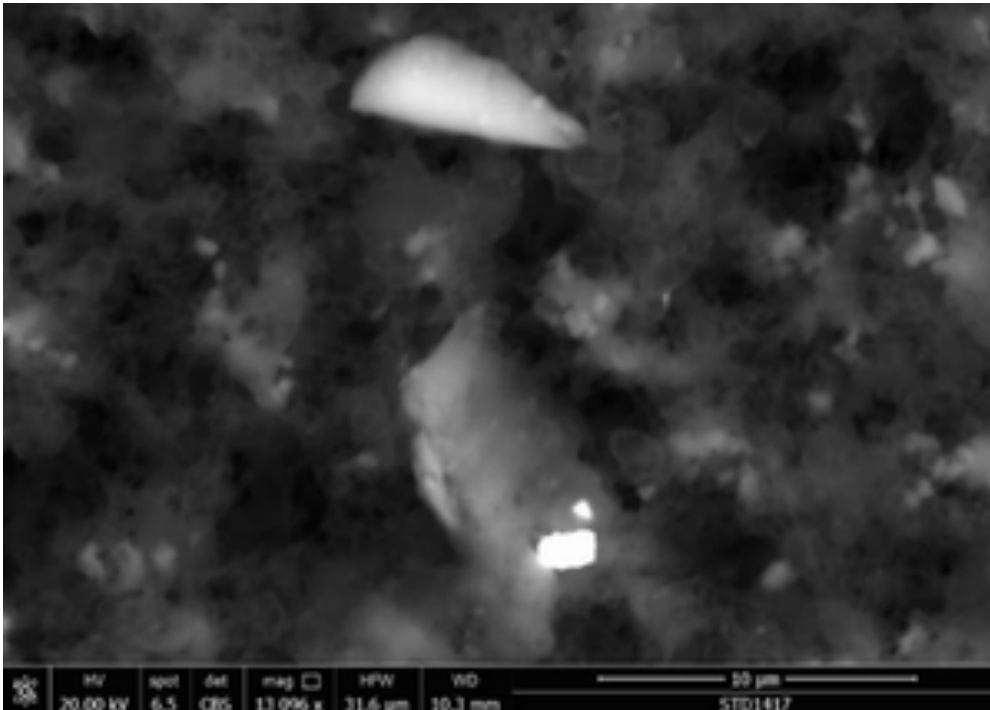
Figure 14 identifies a composition of nano particulates including carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen also found in the CoV-19 "vaccines." [75][82]



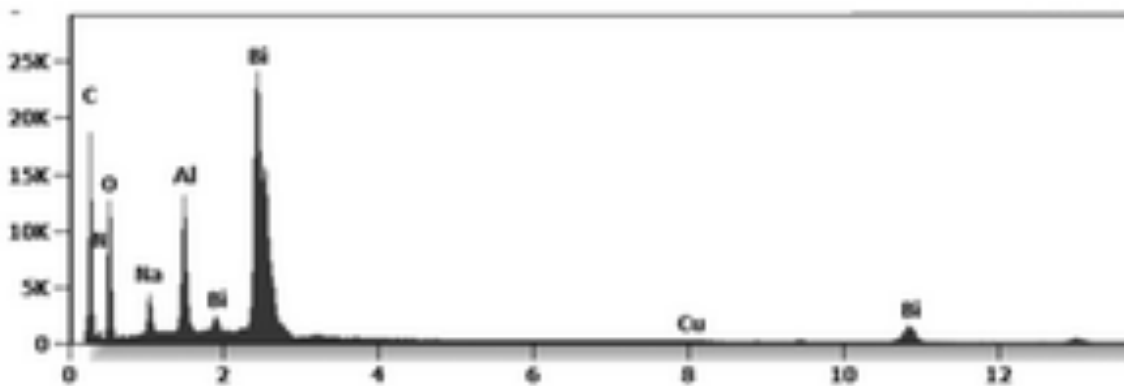
[Figure 13 Identifies a Composite of Nano particulates of aluminum, sulphur and chromium. [75][83]

Figures 15 and 16 below show a micrograph of different micro and nano particulates which have been identified and analyzed under an Environmental Scanning Electron Microscope (SEM) coupled with an x-ray microprobe of an Energy Dispersive System (EDS) that reveals the chemical nature of the observed micro and nano particulates and their morphology.

The white 2-micron-long particulate is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.



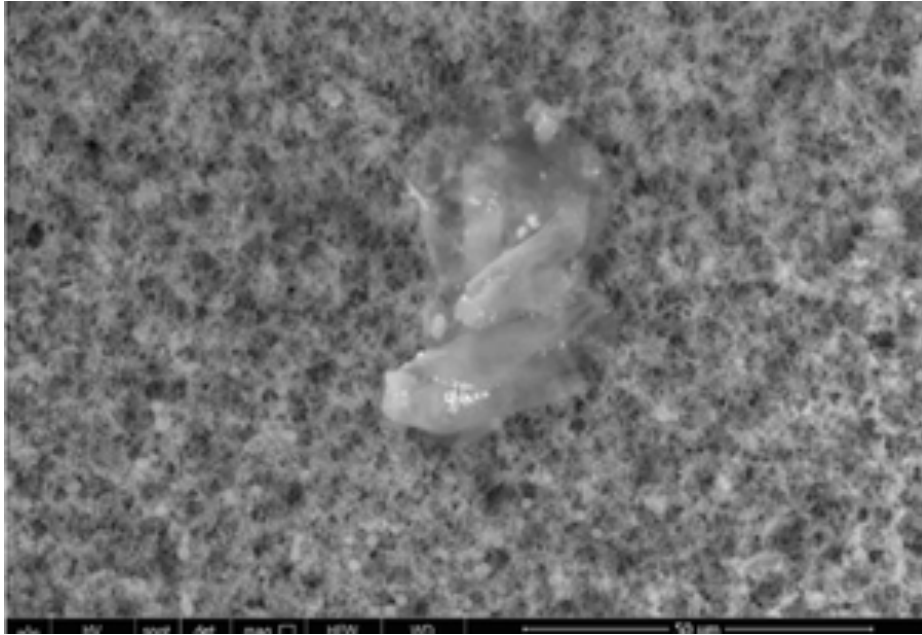
[Figure 15 shows nano and micron particulates identified in the Pfizer “vaccine”. The white 2 micron long particulate is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.[75][76][83]]



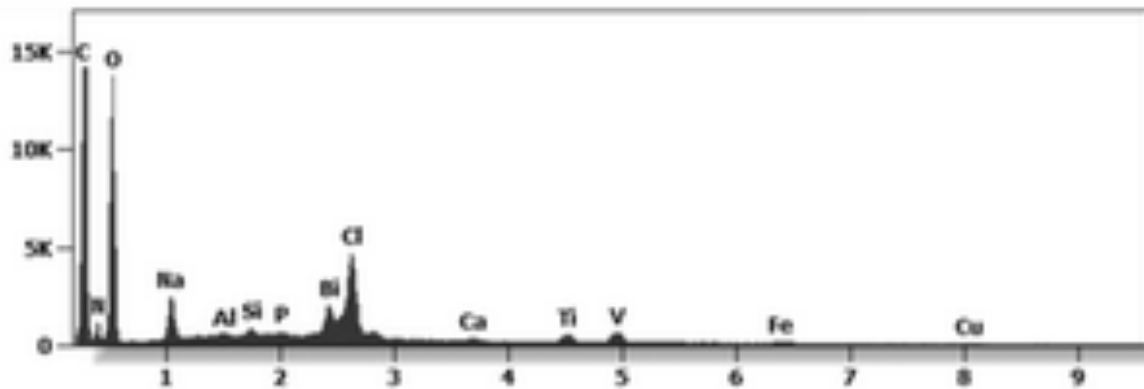
[Figure 16 shows that the white 2 micron particulate found in the so-called Pfizer 'vaccine' is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.[75][76][83]]

Figures 17 and 18 show the identification of organic carbon, oxygen and nitrogen particulates with an aggregate of embedded nanoparticles including bismuth, titanium, vanadium, iron,

copper, silicon and aluminum which were all found in the so-called Pfizer “vaccine.”



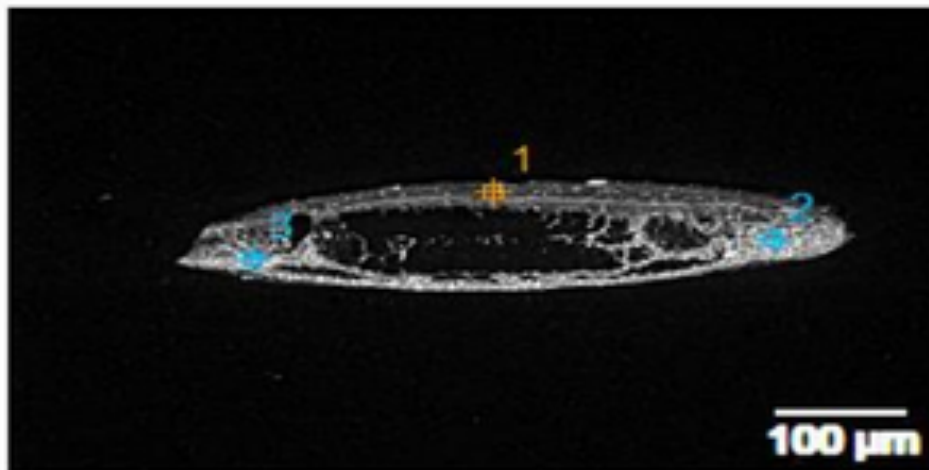
[Figure 17 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer “vaccine!”][75][76][83]



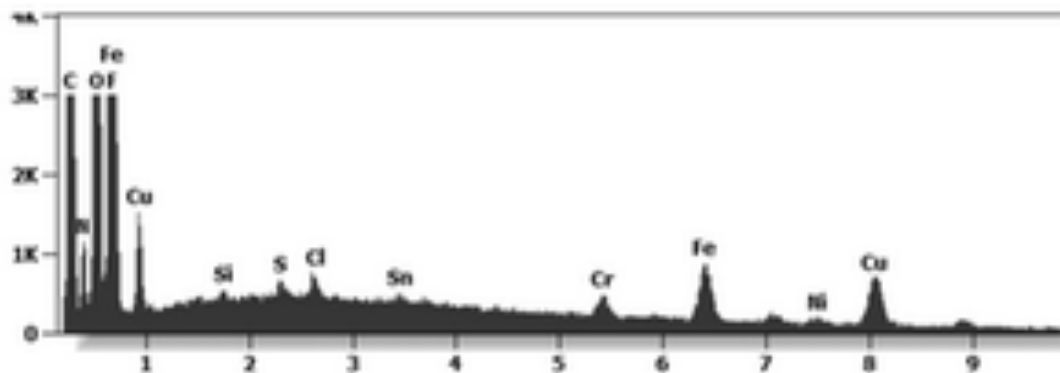
[Figure 18 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer “vaccine!”][75][76][83]

[2] The Astrazeneca "Vaccine" Non-disclosed Ingredients

Figures 19 and 20 show an engineered aggregate of iron, chromium and nickel also known as stainless steel of micro and nanoparticles embedded and identified in the Astrazeneca "vaccine" viewed under Transmission Electron Microscopy (TEM) and quantified with an x-ray microprobe of an Energy Dispersive System that reveals the chemical nature of the observed micro and nanoparticulates and their morphology.



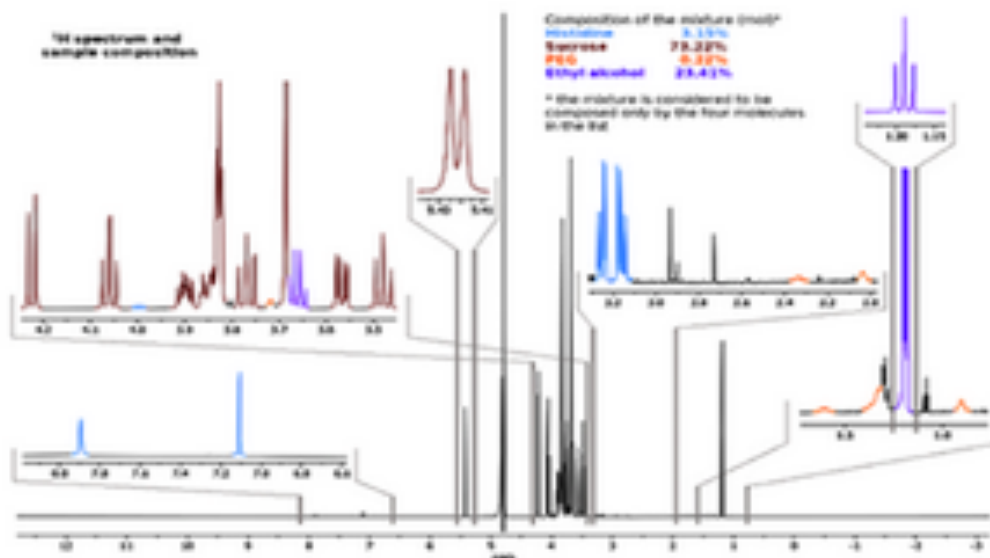
[Figure 19 - Engineered aggregate of iron, chromium and nickel also know as stainless steel.[75][83]]



[Figure 20 shows the quantified nano particulates in the Astrazeneca "vaccine" with an x-ray microprobe of an Energy Dispersive System that reveals the chemical nature of the observed micro and nano particulates.[75][76][83]]

Using the XRF (X-ray fluorescence) instrument was used to evaluate the adjuvants in the Astrazeneca "vaccine", which identified the following molecules of histidine, sucrose, Polyethylene glycol (PEG) and ethylene alcohol, also contained in the Pfizer and Moderna "vaccines". The results of this test can be seen in Figure 20.[10][83]

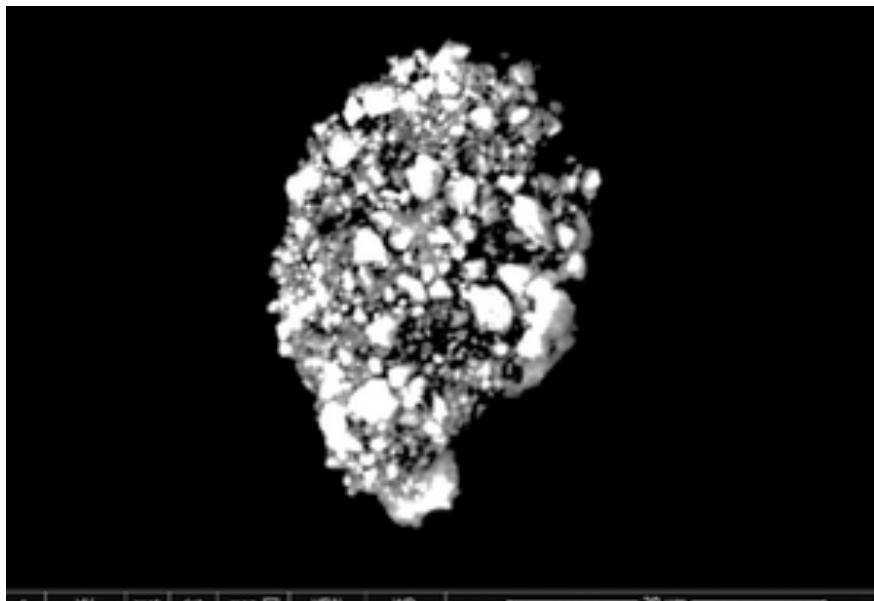
The injection of PEG and Ethylene alcohol are both known as carcinogenic and genotoxic.[10] PEG was the only adjuvant declared on the data sheet listing the ingredients of the Astrazeneca "vaccine" but contained in the Pfizer and Moderna "vaccines".[83]



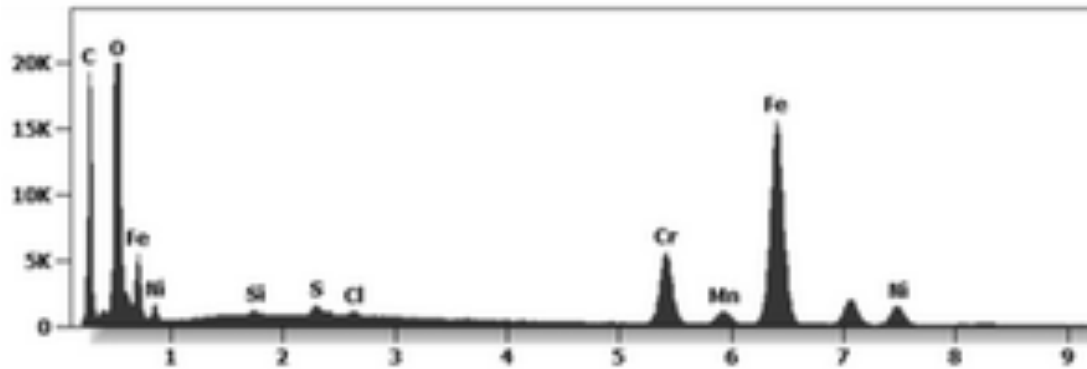
[Figure 21 Identifies the Spectrum of AstraZeneca Vaccine Adjuvants. Different colors are used for the four molecules identified by means of reference spectra. Relative concentration is calculated on integrals of reference signals for molecules in a quantitative spectrum acquired with a duty cycle of 5 seconds with the longest calculated T1 was 5sec.]

[3] The Janssen "Vaccine" Non-Disclosed Ingredients

Figures 22 and 23 shows an organic-inorganic aggregate identified in the Janssen "vaccine". The particles are composed of stainless steel and are glued together with a "Carbon-based glue" of reduced graphene oxide.[11] **This aggregate is highly magnetic** and can trigger pathological blood coagulation and "The Corona Effect" or "The Spike Protein Effect" creation from the degeneration of the cell membrane due to interactions with other dipoles.[10] You can view these biological reactions or cellular transformations in the live blood under pHase Contrast and Dark Field Microscopy in Figures 24, 25 and 26.[1][12][82][83]



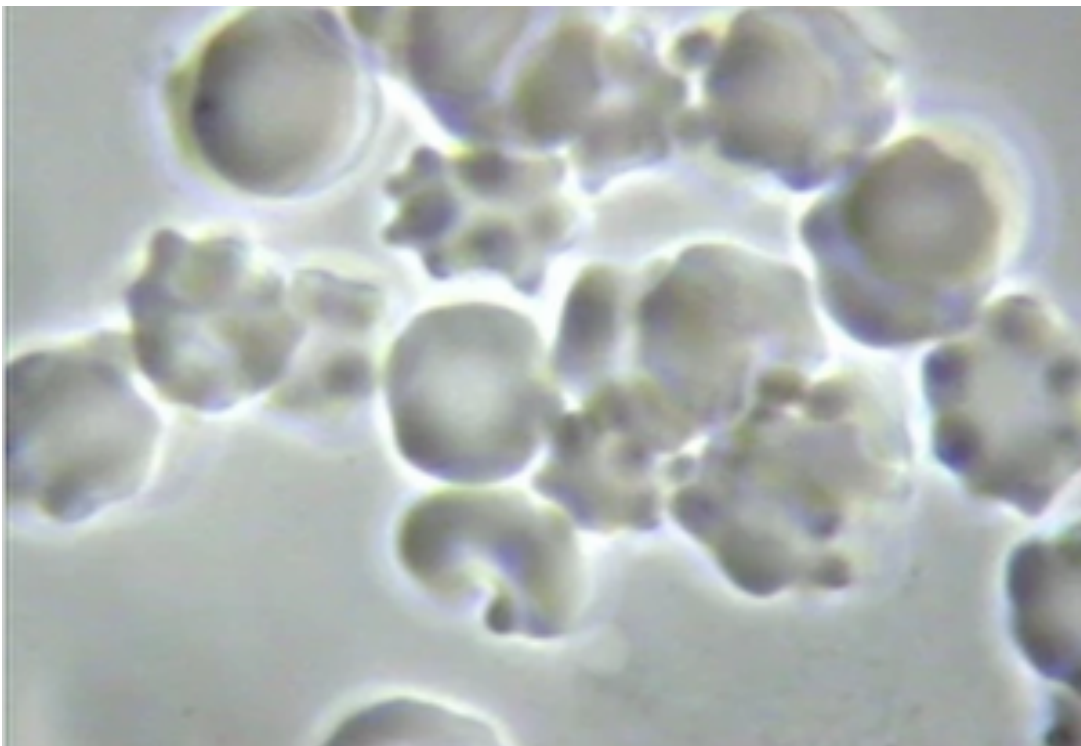
[Figure 22 A Stainless Steel Aggregation of Carbon, Oxygen, Iron and Nickel Held Together With Graphene Oxide.[75][82][83]]



[Figure 23 shows the stainless steel aggregation of carbon, oxygen, iron and nickel held together with graphene oxide.[75][83]]

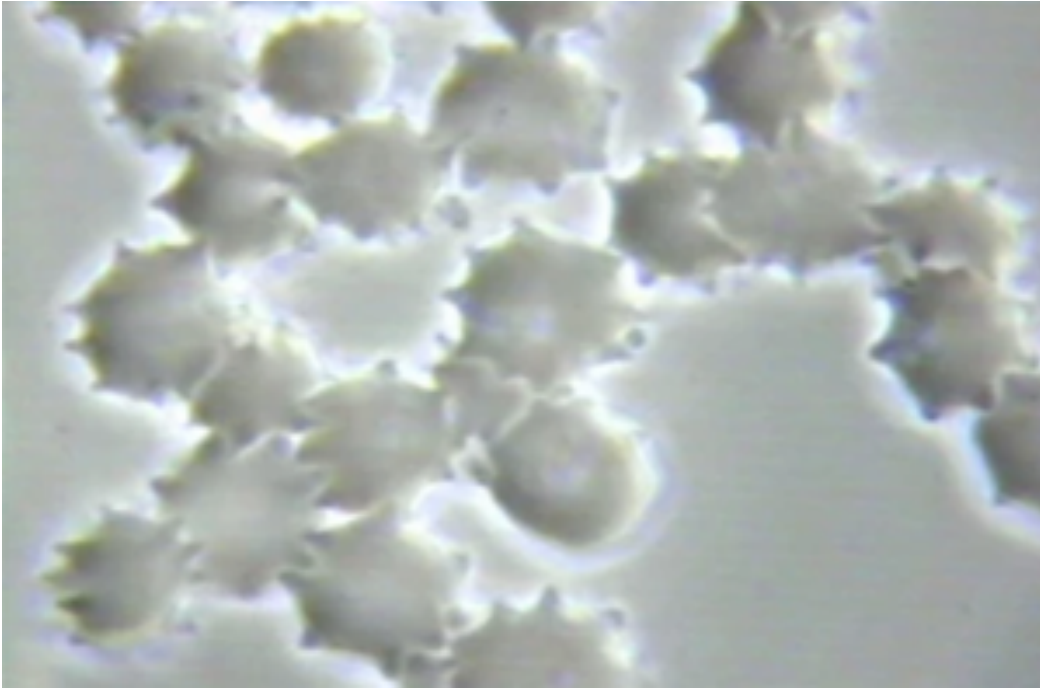
The ‘Corona Effect’ and ‘Spike Protein Effect’

The Endogenously Created "Corona Effect" and "Spike Protein" ARE Caused by Chemical, Parasite and Radiation Poisoning from Reduced Graphene Oxide, Trypanosoma cruzi and Microwave Radiation![12][82][83]



[Figure 24 This pPhase Contrast Micrograph shows ‘The Corona Effect’ and the Endogenous Creation of Exosomes Due to Chemical and Radiation Poisoning of the Vascular and Interstitial fluids of the Interstitium. Dr. Robert O. Young, Profiles in Medical Microscopy, Hikari Omni Publishing, 1987 – 2021]

]



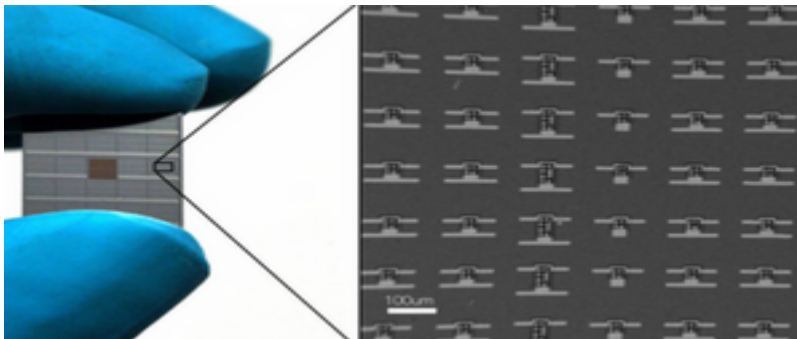
[Figure 25 This pPhase Contrast Micrograph Shows ‘The Corona Effect’ and the the Endogenous Birth of S1 Protein Spikes Caused by Radiation and Chemical Poisoning or What I Call The ‘Protein Spiking Effect’. Dr. Robert O. Young, Profiles of Medical Microscopy, Hikari Omni Publishing, 1987 - 2021]



[Figure 26 This DarkField Micrograph Shows the Endogenous Creation of the 'Spike Protein' as an Outfection and NOT an Infection. Dr. Robert O. Young – Profiles of Medical Microscopy. Hikari Omni Publishing, 1987 - 2021]

Figures 24 and 25 above show 'The CORONA EFFECT' on the red blood cells with Figure 26 showing 'The SPIKED PROTEIN EFFECT' both caused by decompensated acidosis of the interstitial and then vascular fluids from an acidic lifestyle and specifically, exposure to toxic pulsating electro-magnetic fields at 2.4GHz or higher, chemical poisoning from the food and water ingested, toxic acidic air pollution, chem-trails and to top-it-all-off a nana particulate chemical laden CoV - 19 inoculation! Please check your feelings and false beliefs at the door before YOU prematurely cause YOURSELF harm! [12][82]

The Magnetic Field and Graphene Oxide

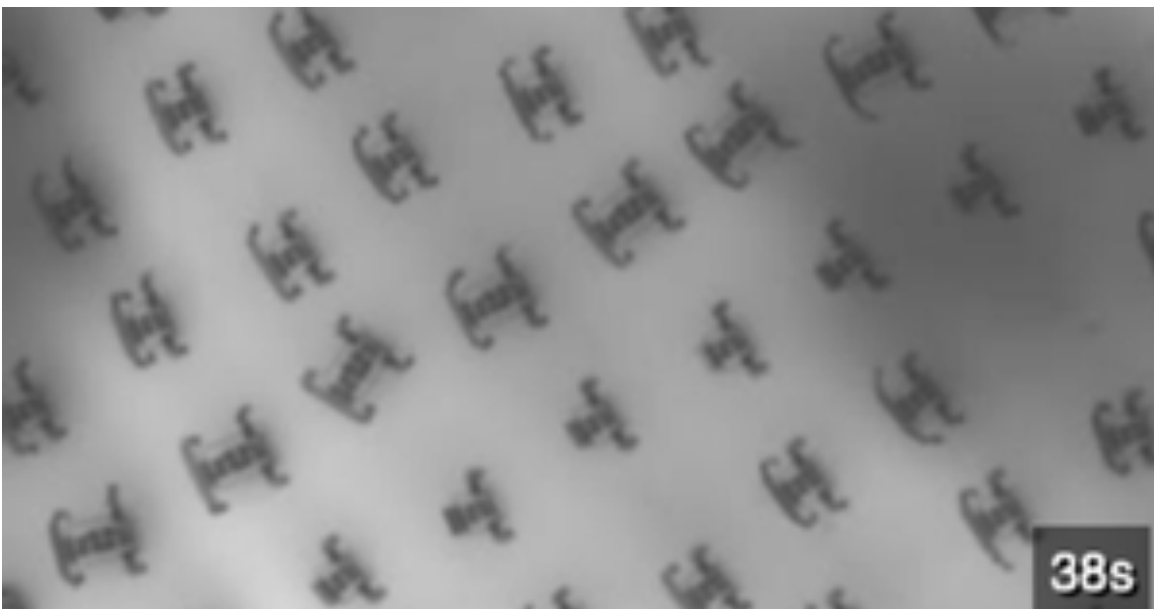


[Programmable Magnetic Graphene Oxide Nanobots]

Programmable magnetic "GO" nanobots injected into the vascular and interstitial fluids of a human or animal body are found to be deposited into the connective and fatty tissues and then into the organs and glands potentially causing biological transformation of the cell membrane (crowning and protein spiking), genetic mutation, and the death of the cell as seen in pHase Contrast and Darkfield

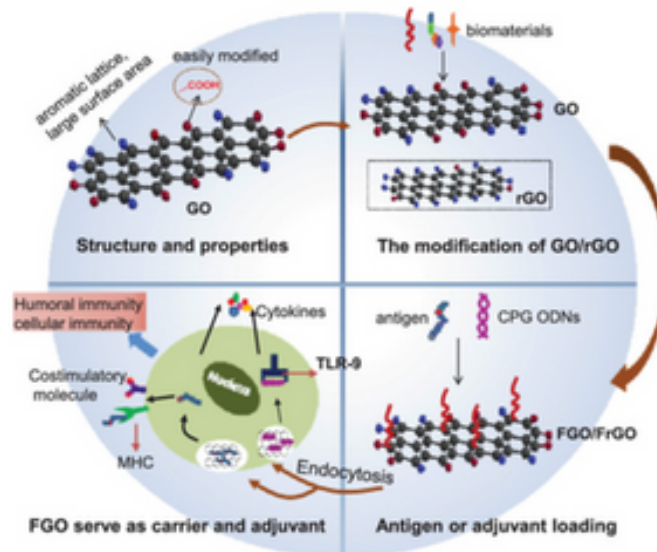
microscopy micrographs above in Figures 24, 25 and 26.[77][78][82][83]

The original nanofabrication techniques were developed by Marc Miskin and colleagues at Cornell University. The research was presented at the American Physical Society in March of 2017. According to a release from *EurekAlert*, the team spent years developing a nanofabrication process that can produce a million [nanobots](#) from a specialized 4-inch silicon wafer in the span of weeks.



[Four-Legged Graphene Oxide Nanobots - <https://rumble.com/vkm84h-is-nanobot-technology-or-artificial-intelligence-viable-inside-the-human-bo.html>]

These micro-robots shown above feature four legs and are composed of hexagonal graphene oxide which are highly magnetic, flexible and super strong.[77][78][82]



The following is the link for a video showing the activation of graphene oxide triggered by electromagnetic (EMF) pulsating microwave frequencies:

[<https://rumble.com/vkm84h-is-nanobot-technology-or-artificial-intelligence-viable-inside-the-human-bo.html>] [79]

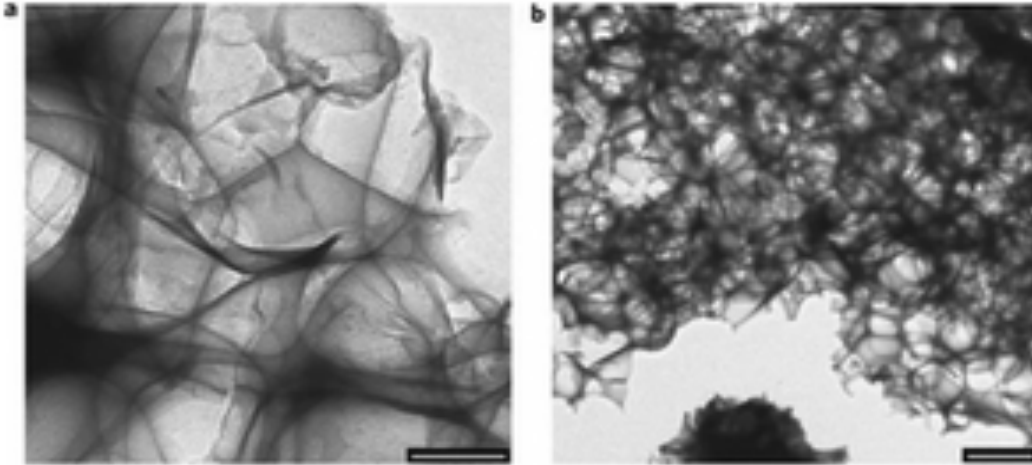
Nanoparticulates of Graphene Oxide

<https://forbiddenknowledgetv.net/dr-david-martin-just-ended-covid-fauci-doj-politicians-in-one-interview/>

This enables the Graphene Oxide [nanobots](#) to carry a body weighing about 8,000 times more than each leg. As well, each leg measures only 100 atoms and even down to 1 atom thick, and they can carry bodies 1,000 to 100,000 times thicker.[82][83]

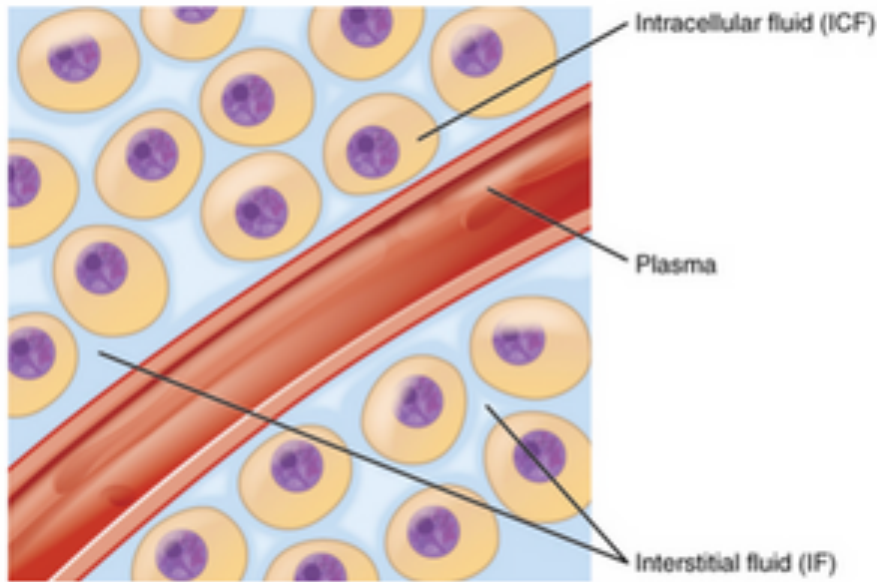
There have been other researchers who have now developed ‘smart’ versions of these graphene oxide nanobots. These

versions feature controllers, sensors, transmitters and clocks.[83]



[Hexagonal 'Smart' Versions of Graphene Oxide Nanobots Found in the Pfizer, Moderna, Astrazeneca, and Janssen Vaccines![82][83]]

The graphene oxide nanobots are powered by using magnetic fields (EMF) or ultrasound, making it possible for them to travel deeply into the human body tissues, organs and glands (such as the reproductive organs,[80] bone marrow, across the blood-brain barrier and the air-blood barrier of the lungs via the interstitial fluids - the largest organ of the human and animal body called the Interstitium. [81][82][83]



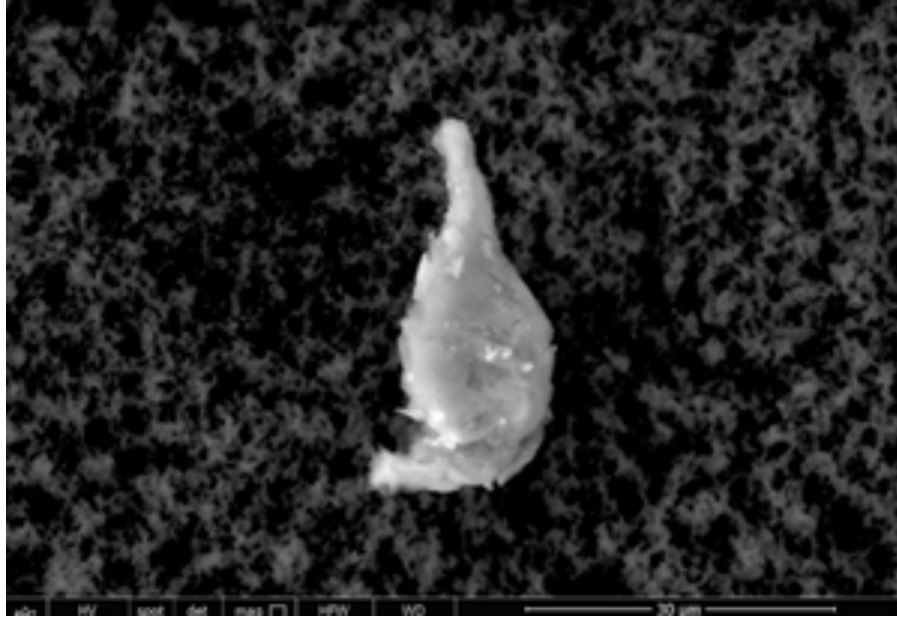
[4] The Moderna "Vaccine" Non-Disclosed Ingredients

Figure 26 and 27 identified a mixed entity of organic and inorganic matter contained in the Moderna "vaccine."

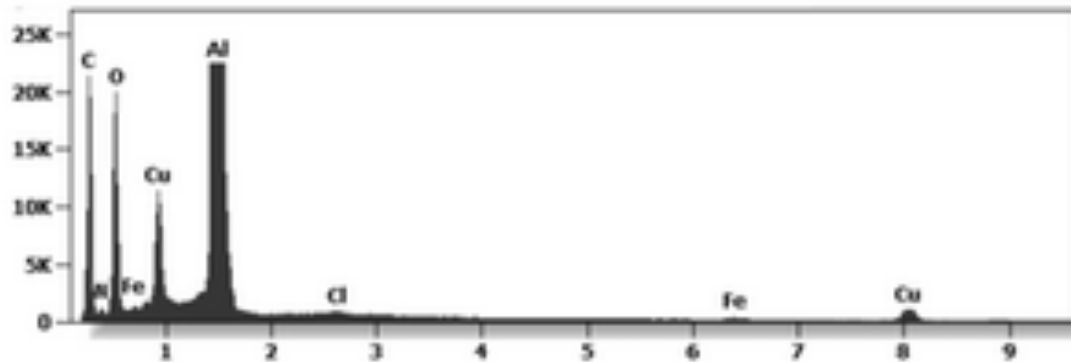
Transmission Electron Microscopy (TMS) and quantified with an x-ray microprobe of an Energy Dispersive System (EDS) revealed the chemical nature of the observed micro and nano particulates.

The so-called Moderna "vaccine" is a carbon-based Reduced Graphene Oxide substrate where some nanoparticles are embedded. The nanoparticles are composed of carbon, nitrogen, oxygen, aluminum, copper, iron and chlorine.

[13][75][76][82][83]



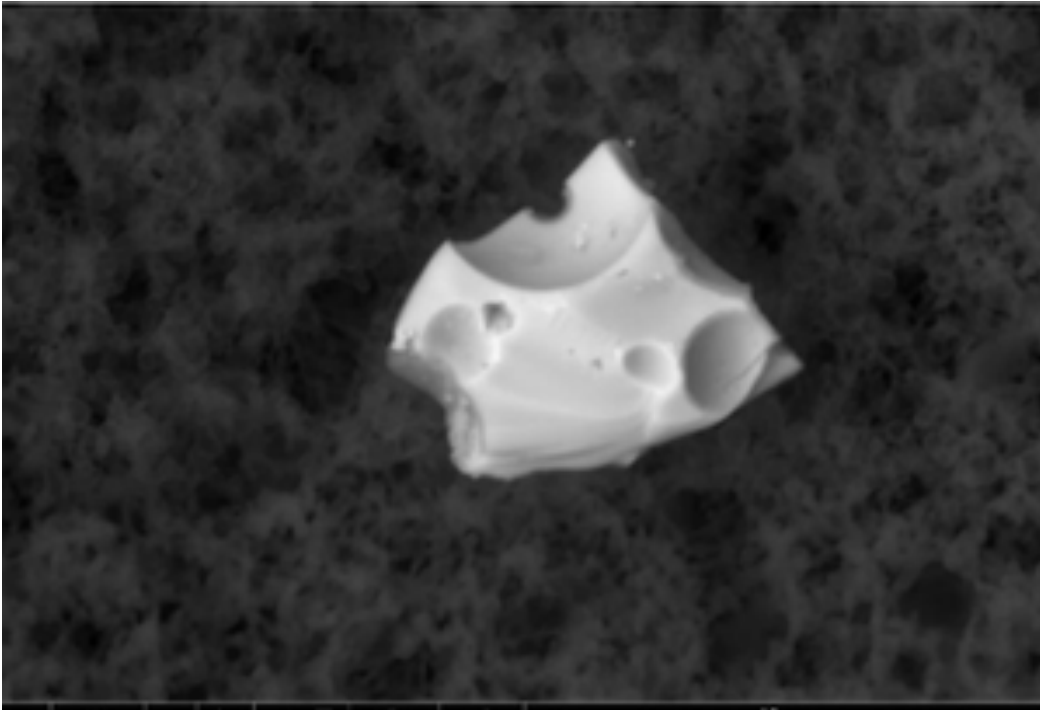
[Figure 26 Transmission Electron Microscopy Reveals a Graphene Oxide Composite of Embedded Organic and Non-Organic Matter.[83]]



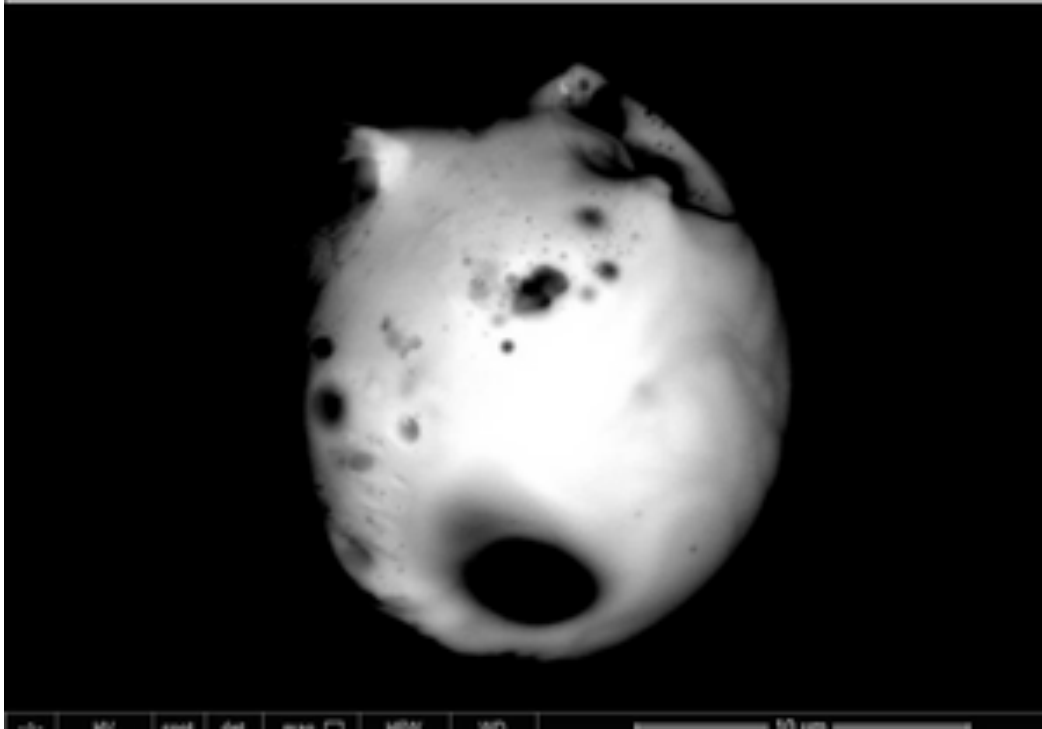
[Figure 27 Reveals Embedded Cytotoxic Nano Particulates or Graphene Oxide, Iron, Copper, and Aluminum Oxides.[75][76][83]]

Figures 27 and 28 shows an analysis which was also performed under Transmission Electron Microscopy (TEM) and quantified with an x-ray microprobe of an Energy Dispersive System (EDS) and revealed the chemical nature of the observed micro and nanoparticles. Many foreign bodies were identified with a spherical morphology with some bubble-shaped cavities.

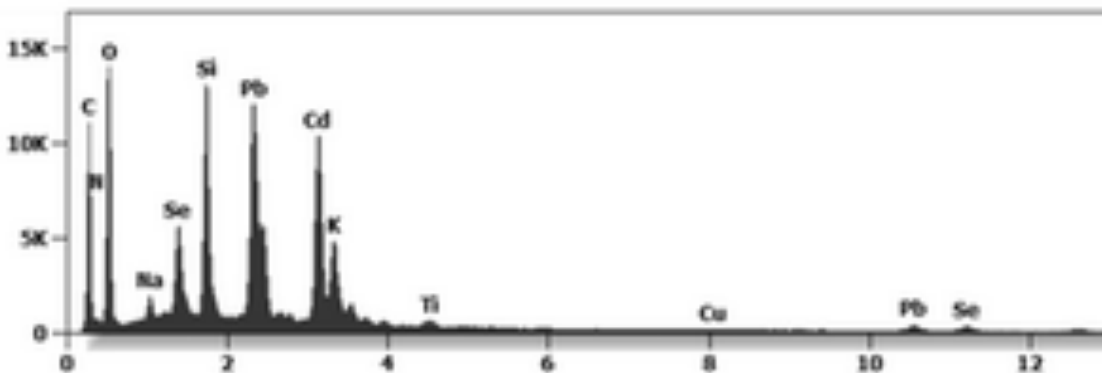
Figure 29 shows they are composed of carbon, nitrogen, oxygen, silicon, lead, cadmium, and selenium. This highly toxic nano particulate composition are quantum dots of cadmium selenide which are cytotoxic and genotoxic.[14][15][83]



[Figure 27 Reveals the Nano Dots in the Graphene Oxide Found in the Moderna "Vaccine".[83]]

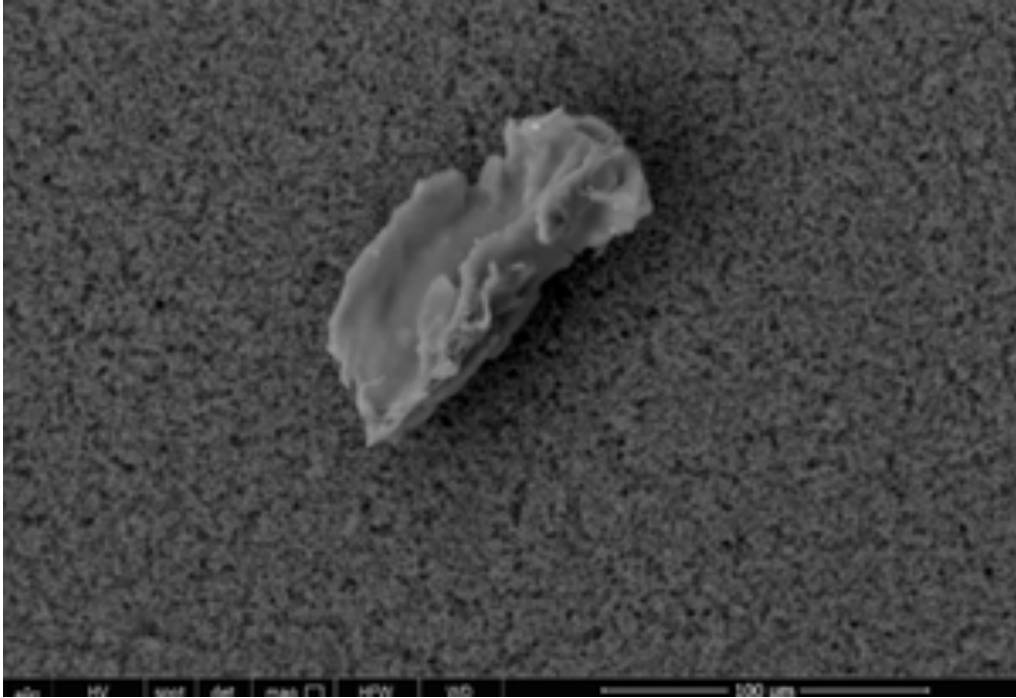


[Figure 28 Reveals the Nano Dots in the Graphene Oxide Found in the Moderna "Vaccine".[83]]

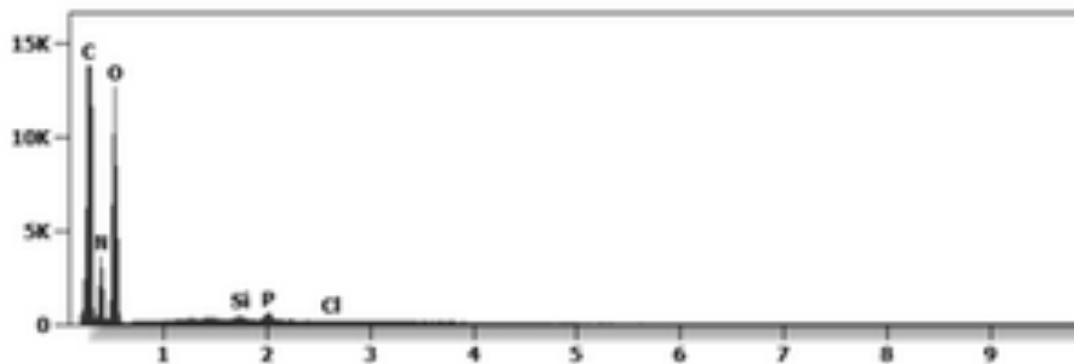


[Figure 29 Reveals the Cytotoxic and Genotoxic Composite of Nano Particulates in Graphene Oxide Found in the Moderna "Vaccine".[75][76][83]]

Figures 30 and 31 further analysis of the so-called Moderna “vaccine” showed a 100-micron symplast of reduced graphene oxide nanoparticulate composite. The rGO is composed of carbon and oxygen with contamination of nano particulates of nitrogen, silicon, phosphorus and chlorine Chlorine.[16][83]

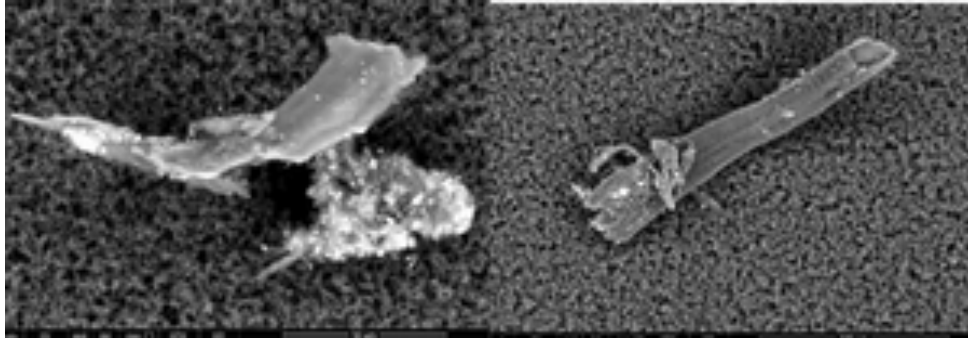


[Figure 30 Transmission Electron Microscopy Reveals a Large 100 micron Symplast Composite of Reduces Graphene Oxide.[83]]

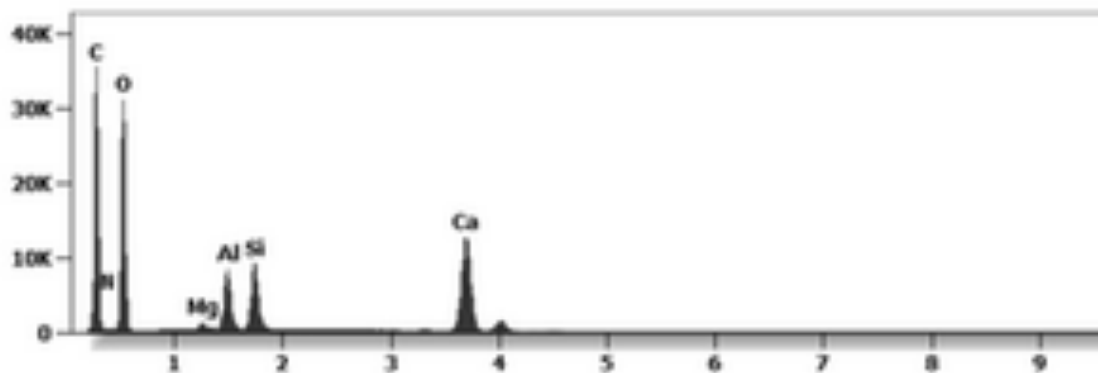


[Figure 31 Reveals the Nano Particulate Complex Contained in the Moderna "Vaccine".[75]]

Figures 32 and 33 show carbon-based reduced graphene oxide entities in the Moderna “vaccine” mixed with aggregates filled with Aluminium silicate nanoparticulates.[17][83]



[Figure 32 Reveals a Complex of Graphene Oxide and Aluminum Silicate Using Transmission Electron Microscopy.[75][83]]



[Figure 33 Reveals the Nano Elements of Graphene Oxide and Aluminum Silicate Contained in the Moderna "Vaccine".[75][83]]

Discussion

The SARS-CVid-2-19 pandemic induced the pharmaceutical industries to develop new drugs that they called vaccines.

The mechanism of action of these new drugs as declared by the pharmaceutical industry coupled with what is reported in the vaccine products' data sheet is NOT clear for current medical savants to understand that those new drugs produced by Pfizer--BioNTech mRNA Vaccine, the Moderna-Lonza mRNA-1273 Vaccine, the Serum Institute Oxford Astrazeneca Vaccine and the *Janssen COVID -19 Vaccine*, manufactured by *Janssen Biotech Inc.*, a *Janssen Pharmaceutical Company* of *Johnson &*

Johnson are NOT vaccines but nano technological drugs working as a genetic therapy.[82][83]

The name “vaccine” is likely to be an escamotage (trickery) used for bureaucratic and technocratic reasons in order to receive an urgent approval, ignoring all the normal rules necessary for new drugs, especially for those involving novel nano technological mechanisms which have never been developed nor experienced by humans any where, at any time in the history of World.

All these so-called vaccines” are patented and therefore their actual content is kept secret even to the buyers, who, of course, are using taxpayers' money. So, consumers (taxpayers) have no information about what they are receiving in their bodies by inoculation. Humanity is kept in the dark as far as the nano particulate technological processes involved are concerning, on the negative effects on the cells of the body, but mostly on the possible magneticotoxic, cytotoxic and genotoxic nano-bio-interaction effect on the blood and body cells.

This current research study via direct analysis on the aforementioned so-called “vaccines” by means of nano particulate technological instrumentation reveals disturbing and life-altering information concerning the truth about the actual toxic acidic contents of the so-called vaccines.



The vaccines for SARS CoVid-2 or also renamed as CoVid-19 have been fast tracked from 10 years to 1 year. It is important for us all to be aware that the clinical trials of these so-called "vaccines" or "gene therapy" inoculations do not finish until 2023!!

The Pfizer, Moderna, Astrazeneca and Janssen drugs are NOT "vaccines" but complexed Graphene Oxide nano particulate aggregates of varying nano elements attached to genetically modified nucleic acids of mRNA from animal or vero cells and aborted human fetal cells as viewed and described above. Once again the ingredients in these so-called vaccines are highly magneticotoxic, cytotoxic and genotoxic to plant, insect, bird, animal and human cell membranes and their genetics which already has lead to serious injuries (estimated at over 500 million) and/or eventual death (estimated at over 35 million).[18][19] through [55][73][82][83]

The so-called "experts" or "medical savants" are telling YOU that CoV - 2 - 19 vaccines are the ONLY way to stop the spread of CoV-19... even when there is NO EVIDENCE of its existence

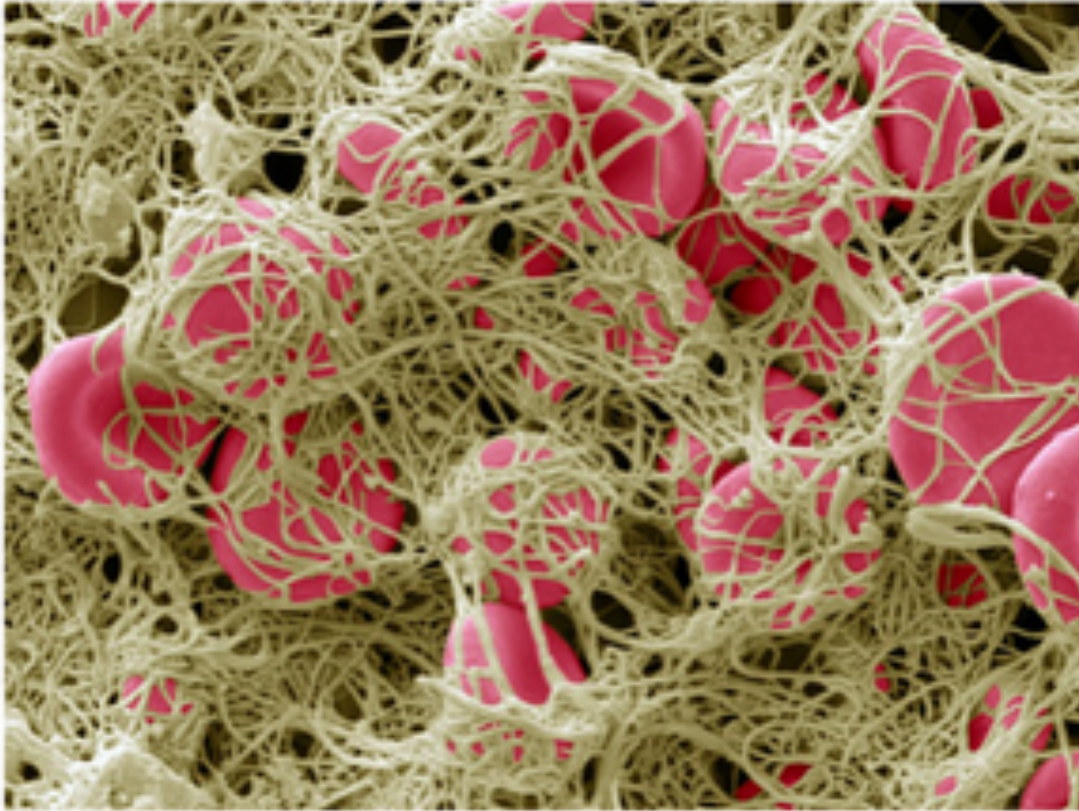
and NO EVIDENCE of it spreading as determined by the scientific method of Koch or Rivers postulates![54]

Koch vs Rivers	
<u>Koch (1884)</u>	<u>Rivers (1937)</u>
1. The microorganism found in the ill but not the healthy	1. Isolation of virus from diseased host
2. The microorganism must be isolated from a diseased organism and grown in pure culture.	2. Cultivation of virus in host cells
3. Produce same disease in host	3. Proof of filterability
4. Re-isolation of microorganism	4. Produce same disease in host
	5. Re-isolation of virus
	6. Detection of a specific immune response to virus

[Dismantling the Viral Theory - <https://www.drrobertyoung.com/post/dismantling-the-viral-theory>]

That they're safe — despite the documented evidence is to the contrary...[54][73][74][82]

That they're effective — even though millions of “double-jabbed” people are getting sick, theoretically exposing themselves to a NON-EXISTENT VIRUS called CoV - 19, and dying...[55] NOT from some phantom viral infection but from the FEAR or false evidence appearing real and the toxic acid contents of reduced graphene oxide delivered via the genetically modified mRNA to specific targets of the human body leading to pathological blood coagulation, oxygen deprivation, hypercapnia, hypoxia and then death by suffocation.[56][57][58][82][83]



Phase Contrast Micrograph 2 - Erythrocytic Fibrin Net Indicating
Disseminated Intravascular Coagulation - DIC

Disseminated Intravascular Coagulation (DIC) or Pathological Blood Coagulation. [56][57]

That YOU MUST get at LEAST two shots PLUS “boosters” to live “normal lives” ...

And soon, they’ll be telling YOU that YOU have no choice but to comply with ALL their MANDates even when the CDC and other Governments, Universities and Medical Institutes have admitted in writing that they have NO "GOLD STANDARD" isolation of the CoV - 2 now called CoV - 19 virus![55]

There is NO CORONA VIRUS and NEVER HAS BEEN! [56]

Remember ...

DON'T LET ANYONE TAKE AWAY YOUR HEALTH FREEDOM!

It is YOUR body, YOUR Life and YOUR Choice!

Knowledge is power. And it's the key to understanding why the experimental CoV - 2 -19 vaccines are so dangerous — despite the corporate media's official narrative that suppresses and censors anyone who dares to speak out.

You are in control of your own health. Don't fall victim to global governments and bureaucrats that are pushing everyone to get vaccinated. Billionaire "philanthropist" Bill Gates and billionaire Big Tech activists think they know what's best for you and your family.

You must be free to decide what's right for you. Do NOT let governments and employers force you into getting "VAXXD" "for your own good".

And never let the cancel culture make you too afraid to stand up for your rights!

In the words of the great French doctor and scientist, Antione BeChamp, "there is nothing so false that does NOT contain a element of truth and so it is with the germ theory." In this case the viral, vaccine and immunity theory![59]

The Law of Change Doctrine of Pleomorphism

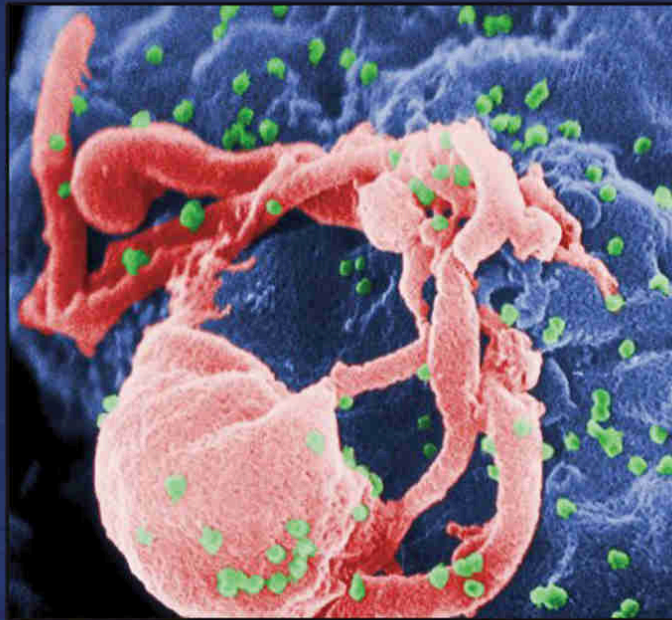
- > Antoine BeChamp (1816-1908)
- > Microzyma Theory
- > Germs are born in us
- > Father of Pleomorphism
- > Many Forms - Many Functions
- > Germs are transmutations of organized healthy cells
- > Germs do not cause disease
- > Disease comes from within
- > Germs are nothing the Terrain is everything
- > Discovered Fermentation
- > Contextual Scientist



To learn more about viruses, vaccines and the viral theory please read and study, A Second Thought About Viruses, Vaccines and the HIV AIDS Hypothesis. You can order this book at:

<https://www.phmiracleproducts.com/collections/books-audio-video/products/second-thoughts-about-viruses-vaccines-and-the-hiv-aids-hypothesis-booklet>

**Second Thoughts About
Viruses, Vaccines, and the HIV/AIDS
Hypothesis**



Robert O. Young MSc, DSc, PhD

**Read and Learn More About Viruses, Vaccines and the
Viral Theory in the Following Scientific Articles!**

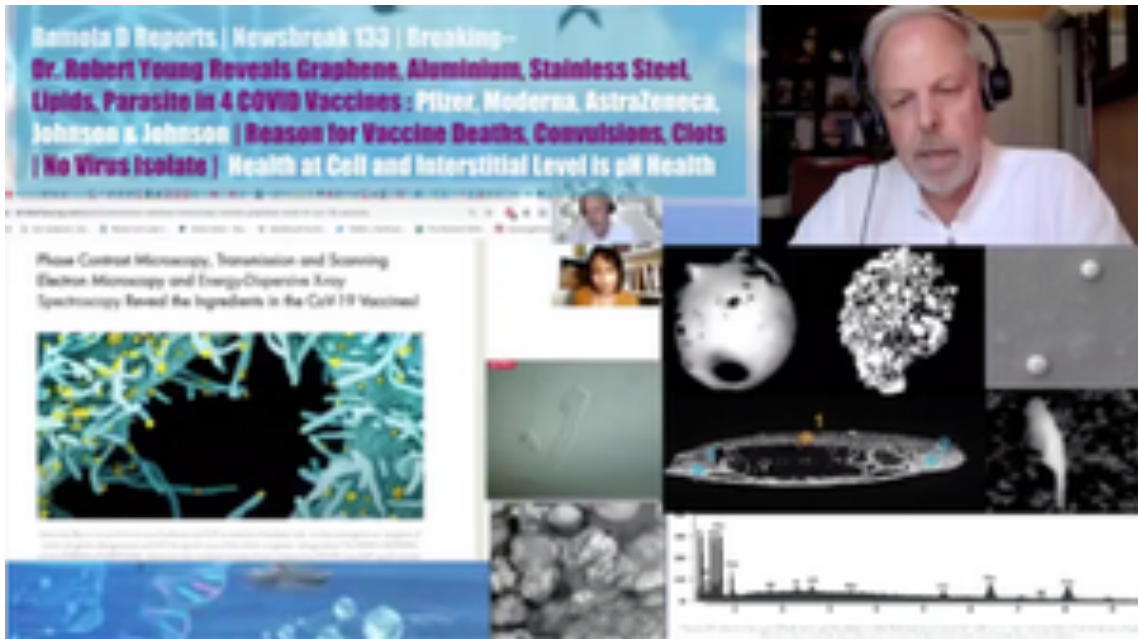


Robert O Young MSc, DSc, PhD, Naturopathic Practitioner

1. Scanning & Transmission Electron Microscopy Results Revealing Graphene Oxide in CoV-19 Vaccines - An Interview with Dr. Robert O. Young

Absolutely bombshell and major reveals on what is in the vaccines, with use of electron and other kinds of microscopy from original research by Dr. Robert Young and his team, confirming what the La Quinta Columna researchers found--toxic nanometallic content with cytotoxic and genotoxic effects as well as an identified parasite. This is major revelation: please stay tuned for a major article reporting this at ECC, meanwhile please share this video widely![82]

<https://www.bitchute.com/video/Z2sAH0Woz38r/>



<https://rumble.com/vlonug-electron-microscopy-reveals-graphene-oxide-in-cov-19-vaccines.html>



https://odysee.com/@DrRobertYoung:7/MicroscopyEvidenceofGOinVaccineszoom_0:c?r=DwWt6qy5ACY9nSS1q6nAqSpAYbuZDjWf

2. The Epidemic Curves of the Most Vaccinated Countries

<https://www.drrobertyoung.com/post/world-health-organization-who-publishes-epidemic-curves-of-the-most-vaccinated-countries>

3. Sweden Is Following the Biological Science NOT the Political Science

<https://www.drrobertyoung.com/post/sweden-is-following-the-biological-science-not-the-political-science>

4. What is Happening in India

<https://www.drrobertyoung.com/post/what-happened-in-india>

5. Surviving the Plague of Corruption

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6. Dismantling the Viral Theory

<https://www.drrobertyoung.com/post/dismantling-the-viral-theory>

7. Corna on Trial -

<https://www.drrobertyoung.com/post/corona-on-trial-explosive-and-exclusive>

8. The Havana Cuba Syndrome Caused by Directed Pulsating EMF Microwaves <https://www.drrobertyoung.com/post/the-havana-syndrome-pulsating-microwaves>



9. CDC NOW Admits NO 'Gold Standard' for the Isolation for ANY Virus! - <https://www.drrobertyoung.com/post/cdc-now-admits-no-gold-standard-for-the-isolation-for-any-virus?postId=60c4dbc74f7fc9002ba2507e>

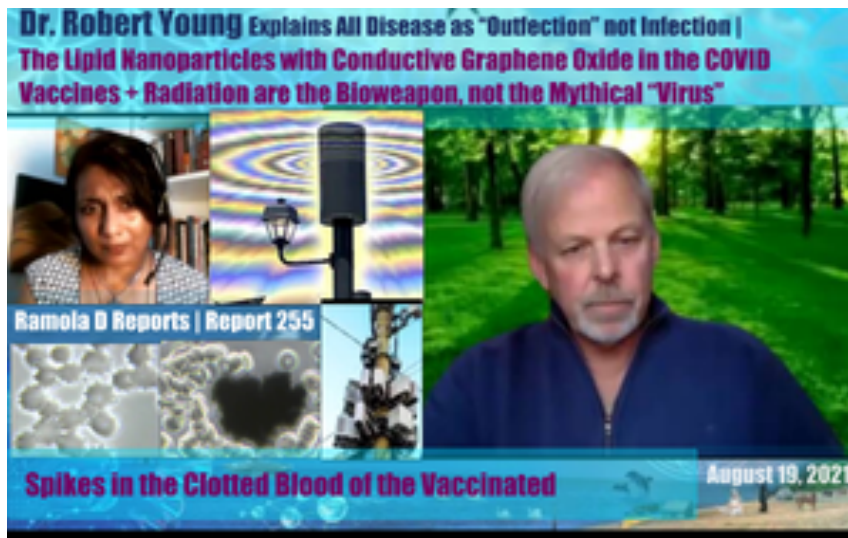


10. Freedom of Information Responses on CoV - 2 Now Called CoV - 19 -

<https://www.drrobertyoung.com/post/freedom-of-information-responses-on-cov-2>

11. Why Viruses Do Not Exist! -

<https://www.drrobertyoung.com/post/why-viruses-do-not-exist>



12. Report 255 | Dr. Robert Young: All Disease is Outfection Not Infection--Vaccine Nano is Bioweapon!

<https://www.bitchute.com/video/rdQhuY455VmK>

13. Report 255 | Dr. Robert Young: All Disease is Outfection, not Infection | The Vaccine's Lipid Nanoparticles with Graphene Plus Radiation is the Bioweapon--No COVID Virus Exists!

<https://www.brighteon.com/250210af-c8a3-47a1-8922-c960342fe2fb>

14. Report 255 | Dr. Robert Young: All Disease is Outfection Not Infection--Vaccine Nano is Bioweapon!

<https://odysee.com/@RamolaDReports:8/Report-255---Dr.-Robert-Young-Explains-Disease-by-Outfection,-Lipid-Nanoparticles-with-Graphene-the:4>

15. Forget Everything Else! Look at THE VAER's NUMBERS on Injuries and Deaths!

<https://www.drrobertyoung.com/post/forget-everything-else-you-ve-heard-just-look-at-the-numbers>

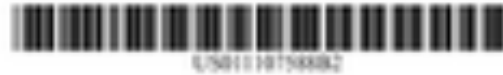


16. Dr. Robert O. Young ITNJ Testimony

<https://youtu.be/gKjnEz5s37o>

17. The Pfizer patent application approved, August 31st, 2021 is the very first patent that shows up in a list of over 18500 for the purpose of remote contact tracing of all vaccinated humans worldwide who will be or are now connected to the "internet of things" by a quantum link of

pulsating microwave frequencies of 2.4 GHz or higher from cell towers and satellites directly to the graphene oxide held in the fatty tissues of all persons inoculated.[63][64][65][66][67]][82][83]



(12) **United States Patent**
Ehrlich et al.

(30) **Patent No.:** US 11,107,588 B2
(41) **Date of Patent:** Aug. 31, 2021

(54) **METHODS AND SYSTEMS OF PROMOTING TREATMENTS, VACCINATION, TESTING AND/OR ACTIVITIES WHILE PROTECTING THE PRIVACY OF INDIVIDUALS**

(71) **Applicants:** Gal Ehrlich, Ramon-Gun (E.), Maier Fester, Petach-Tikva (E.)

(72) **Inventors:** Gal Ehrlich, Ramon-Gun (E.), Maier Fester, Petach-Tikva (E.)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 17/146,279

(22) **Filed:** Nov. 26, 2020

(35) **Prior Publication Data**
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(30) **Foreign Application Priority Data**

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Aug. 13, 2020 (E.)	276145
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(31) **Int. Cl.**
G06Q 16/00 (2012:01)
G16H 50/00 (2018:01)
(Continued)

(52) **U.S. Cl.**
CPC _____ G16H 50/00 (2018:01); G06Q 16/00 (2013:01); G16H 50/30 (2018:01); B26W 4/029 (2013:01); B26W 4/029 (2013:02)

(59) **Field of Classification Search**
CPC _____ G06Q 16/00; G16H 50/30; G16H 15/00; G16H 10/60; B26W 4/023; B26W 4/029;

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(Continued)

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(Continued)

Primary Examiner — Ash V Lu

(57) **ABSTRACT**

Systems and methods for anonymously selecting subjects for treatment against an infectious disease caused by a pathogen. The system comprises a plurality of electronic devices comprising instructions to generate an ID and, when in proximity of another such electronic device, one or both electronic devices transmit/receive the ID to/from the other electronic device. Then, a score is generated based on a plurality of such received IDs. Additionally, based on information received from a server, relevant treatment instructions are displayed to the subjects based on the received information and the score. The server comprises instructions for sending to the plurality of electronic devices the information to be displayed with the relevant treatment instructions, additionally the server and/or the electronic devices comprise instructions to generate a prediction of likelihood of a subject transmitting the pathogen, based on the score of the subject.

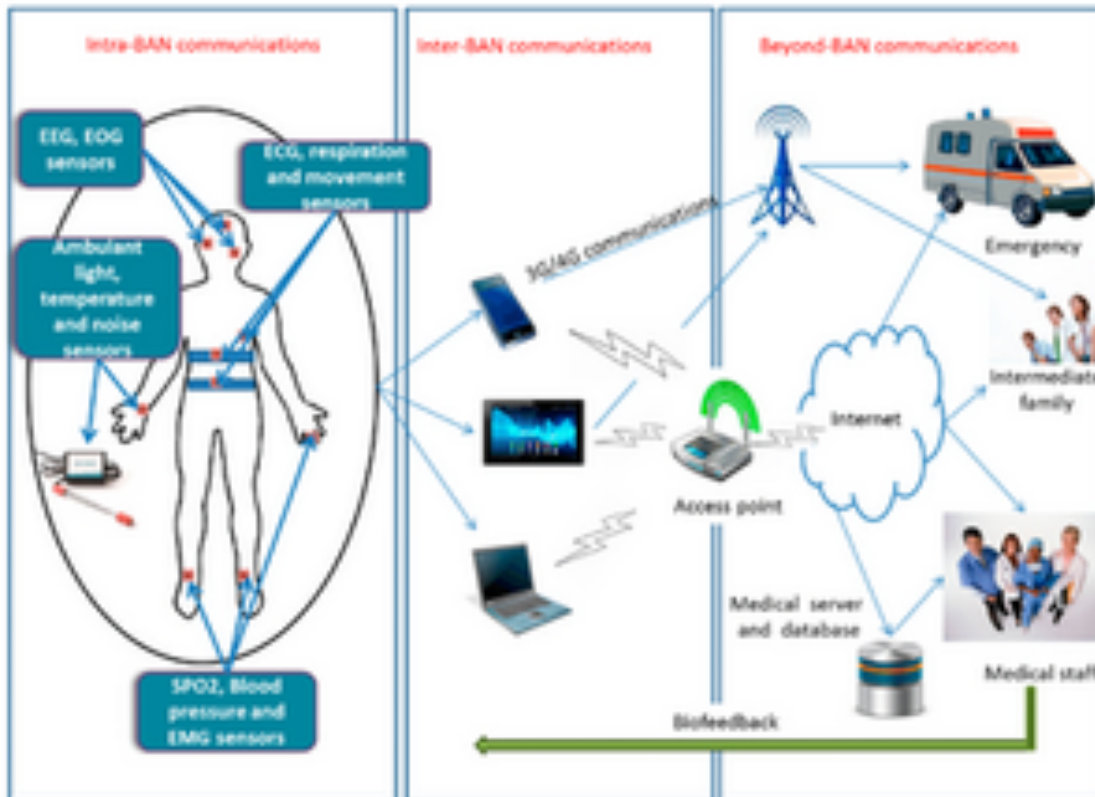
37 Claims, 12 Drawing Sheets

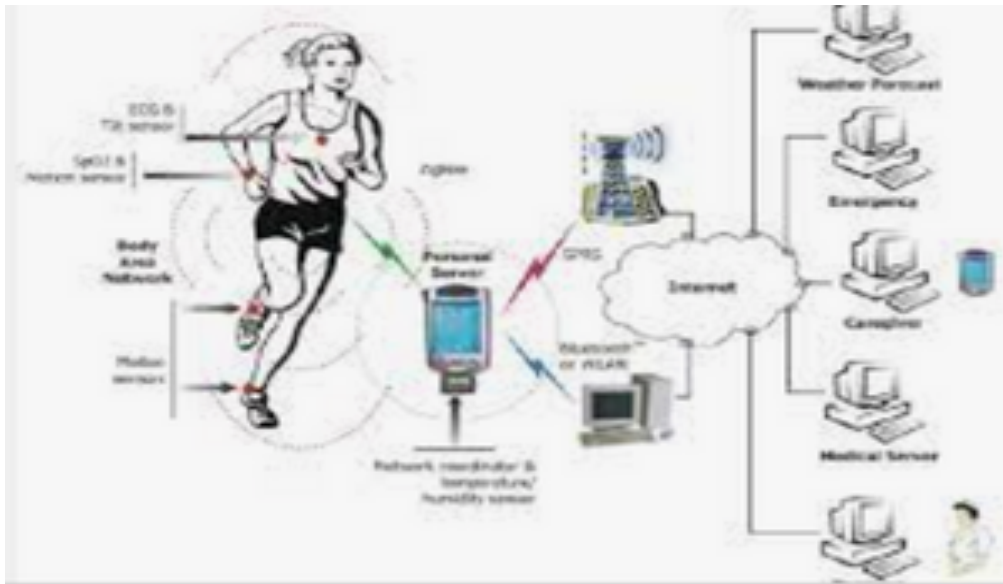
Here is the link to the patent abstract and detail:

<https://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=%2Fnetahhtml%2FPTO%2Fsearch->

[adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=Pfizer&OS=Pfizer&RS=Pfizer](#)

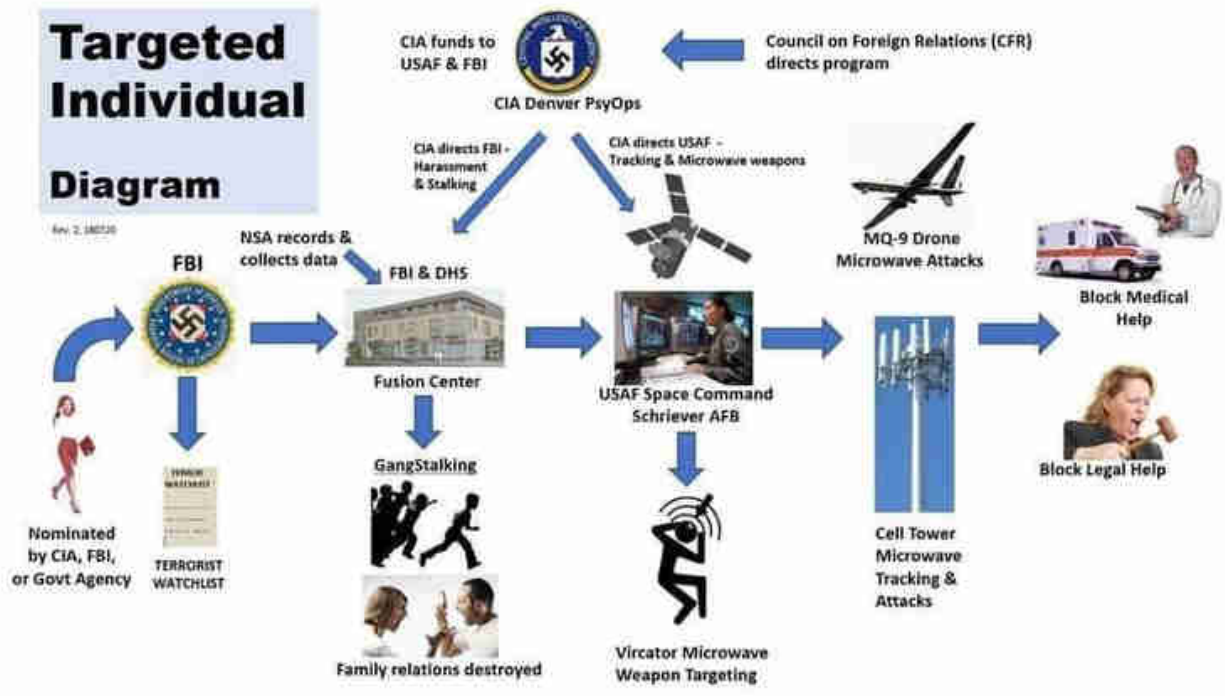
18. The General Architecture of Wireless Body Area Networks (WBANs)-based TRANS-HUMAN System [68][69][70][71][72][82][83]





19. Wireless Connections from Cell Towers or Satellites to YOU! [73][74]





20. Read the article on the link below: **COVID-19 Vaccine Ingredients and Their Connection to Graphene Oxide, Parasites and EMF** at: nobulart.com/covid-19-vaccine-ingredients/ Published: August 31st, 2021.

21. Updated PDF file of this article:

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2- NanoDrop™

<https://www.thermofisher.com/order/catalog/product/ND-2000#/ND-2000>

3- QUBIT2.0:

<https://www.thermofisher.com/es/es/home/references/newsletters-andjournals/bioprobess-journal-of-cell-biology-applications/bioprobess-issues-2011/bioprobess-64-april2011/the-qubit-2-0-fluorometer-april-2011.html>

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Abstract The invention belongs to the field of nano materials and biomedicine, and relates to a vaccine, in particular to development of 2019-nCoV coronavirus nuclear recombinant nano vaccine. The invention also comprises a preparation method of the vaccine and application of the vaccine in animal experiments. The new corona vaccine contains graphene oxide, carnosine, CpG and new corona virus RBD; binding carnosine, CpG and neocoronavirus RBD on the backbone of graphene oxide; the CpG coding sequence is shown as SEQ ID NO 1; the novel coronavirus RBD refers to a novel coronavirus protein receptor binding region which can generate a high-titer specific antibody aiming at the RBD in a mouse body, and provides a strong support for prevention and treatment of the novel coronavirus.

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Hacking computers and hacking into individual minds are similar. The 21st century will be known as the age of spiritual machines and soulless men.

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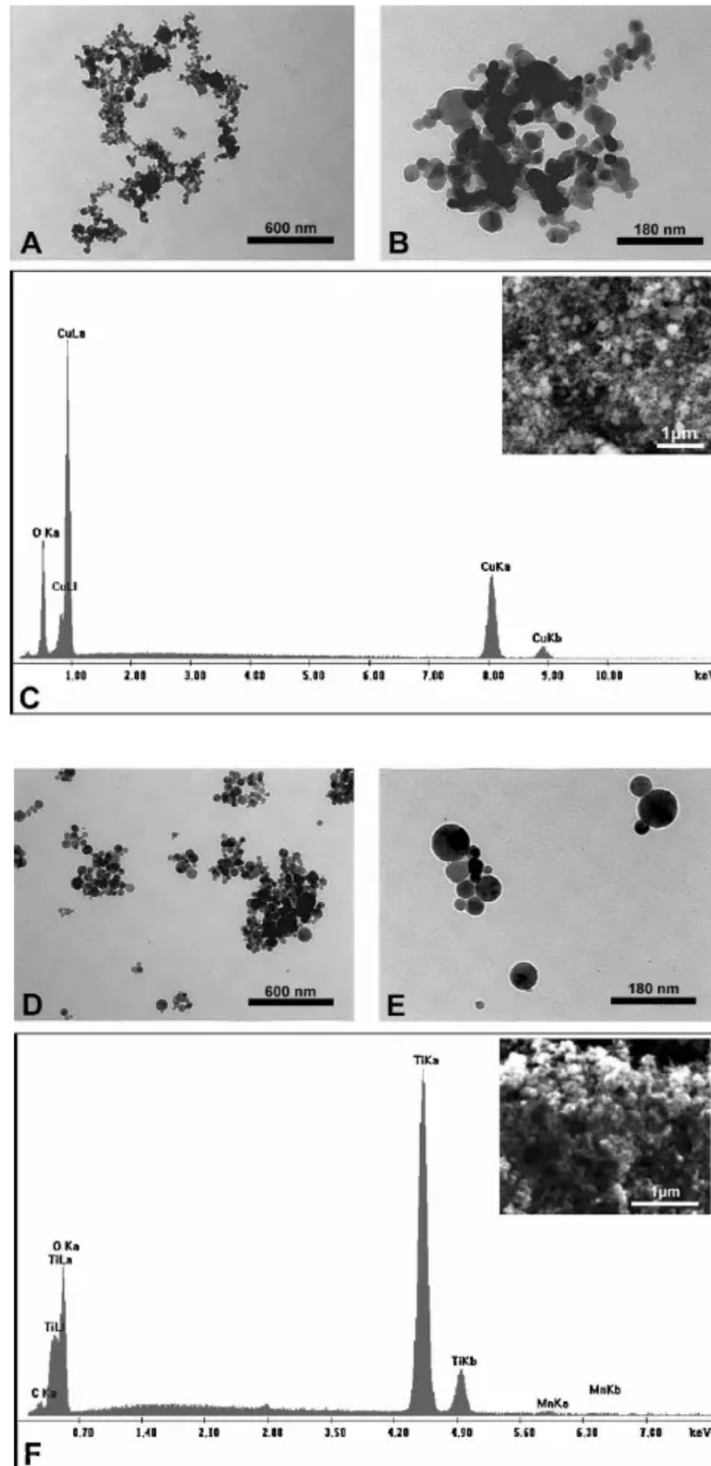
WO US [US10786570B2](#) Jeffrey Friedman The Rockefeller University Priority 2011-08-24 • Filed 2018-07-30 • Granted 2020-09-29 • Published 2020-09-29 The present invention provides methods and compositions for the remote control of cell function based on the use of radiofrequency waves to excite nanoparticles targeted to specific cell types. The nanoparticles may be applied to the target cell extracellularly and/or expressed intracellularly.

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[Figure 34 shows nanoparticulate characterization with TEM and SEM-EDX microscopy. (A and B) TEM micrographs reveal Copper Oxide nanoparticulate size. (C) A EDX spectrum of Copper Oxide powder observed. (D and E) The TEM micrographs showed Titanium Oxide and Titanium Dioxide. (F) EDX revealed a spectrum of Titanium Dioxide.[75][76][83]]

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<https://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetacgi/nph-PTO%2Fsearch-bool.html&r=0&f=S&l=50&TERM1=%22Lieber%2C+Charles%22&FIELD1=INNM&co1=AND&TERM2=&FIELD2=&d=PTXT>

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COVID-19 VACCINE IDENTIFIED INGREDIENTS

IDENTIFIED INGREDIENTS	PFIZER	ASTRAZENECA	JHNSON	MODERNA
Aluminum salt	Yes			Yes
Aluminum salt	Yes			
Calcium chloride				Yes
Calcium chloride				Yes
Carboxymethyl cellulose	Yes			Yes
Cholesterol	Yes			
Cholesterol in saline solution	Yes	Yes	Yes	Yes
Cholesterol sulfate	Yes	Yes	Yes	
Diethylamine	Yes	Yes		Yes
Diphosphate buffer	Yes	Yes	Yes	Yes
Distal water	Yes	Yes	Yes	Yes
Distal water				Yes
Diphenylpicrylhydrazyl				Yes
Diphenylpicrylhydrazyl			Yes	
Distal water		Yes	Yes	
Distal water	Yes			Yes
Diethylamine	Yes			Yes
Diethylamine	Yes			Yes
Diphosphate buffer	Yes			Yes
Diphosphate buffer	Yes			Yes
Diphosphate buffer	Yes	Yes	Yes	Yes
Diphosphate buffer in saline solution	Yes	Yes	Yes	Yes
Diphosphate buffer	Yes	Yes		
Distal water	Yes	Yes		Yes
Diphosphate buffer	Yes	Possible		
Distal water	Yes			

Source : <https://www.drorbertyoung.com/post/transmission-electron-microscopy-reveals-graphene-coils-in-covid-19-vaccines>

COVID-19 VACCINE DECLARED INGREDIENTS

DECLARED INGREDIENTS	CHEMICAL COMPOSITION	PFIZER	MODERNA
Active Ingredients			
Coronavirus mRNA	$C_{12}H_{22}N_{10}O_{12}P_2$ (DNA Variable)	Yes	
mRNA-1273 mRNA	$C_{12}H_{22}N_{10}O_{12}P_2$ (DNA Variable)		Yes
Lipids			
Cholesterol	$C_{27}H_{46}O$	Yes	Yes
1,2-Dioleoyl-sn-glycero-3-phosphocholine (DOPC)	$C_{54}H_{100}NO_8P$	Yes	Yes
3β-Hydroxycholesterol (cholesterol 3-OH) (HSC)	$C_{27}H_{46}NO_2$	Yes	
1,3-Bis(sn-3'-phosphatidyl)-sn-glycerol (DSPG)	$H-O-CH_2-CH_2-OH$	Yes	
Lipid SM-102	$C_{44}H_{82}NO_6$		Yes
1,3-Bis(sn-3'-phosphatidyl)-sn-glycerol (DSPG) (SM-102)	$C_{12}H_{22}O_{11}P_2$		Yes
Buffers			
potassium chloride	KCl	Yes	
monobasic potassium phosphate	KH_2PO_4	Yes	
sodium chloride	NaCl	Yes	
basic sodium phosphate dihydrate	Na_2HPO_4	Yes	
Trimethylamine [tris(hydroxymethyl)aminomethane]	$C_4H_{12}ON_3$		Yes
Trimethylamine hydrochloride	$C_4H_{12}NO_3$		Yes
acetic acid	$C_2H_4O_2$		Yes
sodium acetate	$C_2H_3NaO_2$		Yes
water	H_2O	Yes	Yes
Other			
sucrose	$C_{12}H_{22}O_{11}$	Yes	Yes

027 - 6 September - Corrected some formula in this table. The list of undeclared components below remains unchanged.

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Abstract

Vaccines are being under investigation for the possible side effects they can cause. In order to supply new information, an electron-microscopy investigation method was applied to the study of vaccines, aimed at verifying the presence of solid contaminants by means of an Environmental Scanning Electron Microscope equipped with an X-ray microprobe. The results of this new investigation show the presence of micro- and nanosized particulate matter composed of inorganic elements in vaccines' samples which is not declared among the components and whose unduly presence is, for the time being, inexplicable. A considerable part of those particulate contaminants have already been verified in other matrices and reported in literature as non biodegradable and non biocompatible. The evidence collected is suggestive of some hypotheses correlated to diseases that are mentioned and briefly discussed.

Keywords: Vaccine; Disease; Contamination; Protein corona; Biocompatibility; Toxicity; Nanoparticle; Immunogenicity; Foreign body; Environment; Industrial process; Quality control

Introduction

Vaccines are one of the most notable inventions meant to protect people from infectious diseases. The practice of variolation is century-old and is mentioned in Chinese and Indian documents dated around 1000 A.D. Over time, variolation has been replaced by vaccination, vaccines have been enhanced as to technology, and the vaccination practice is now standardized worldwide.

Side effects have always been reported but in the latest years it seems that they have increased in number and seriousness, particularly in children as the American Academy of pediatrics reports [1,2]. For instance, the diphtheria-tetanus-pertussis (DTaP) vaccine was linked to cases of sudden infant death syndrome (SIDS) [3]; measles-mumps-rubella vaccine with autism [4,5]; multiple immunizations with immune disorders [6]; hepatitis B vaccines with multiple sclerosis, etc.

The notice of Tripedia DTaP by Sanofi Pasteur reports “Adverse events reported during post-approval use of Tripedia vaccine include idiopathic thrombocytopenic purpura, SIDS, anaphylactic reaction, cellulitis, autism, convulsion/grand mal convulsion, encephalopathia, hypotonia, neuropathy, somnolence and apnea”. The epidemiological studies carried out did not show a clear evidence of those associations, even if in 2011 the National Academy of Medicine (formerly, IOM) admitted: "Vaccines are not free from side effects, or adverse effects"[7].

Specific researches on components of the vaccines like adjuvants (in most instances, Aluminum salts) are already indicated as possible responsible of neurological symptoms [8-10] and in some cases, in-vivo tests and epidemiological studies demonstrated a possible correlation with neurological diseases [10,11]. Neurological damages induced in patients under hemodialysis treated with water containing Aluminum are reported in literature [12].

Recently, with the worldwide-adopted vaccines against Human Papillomavirus (HPV), the debate was reawaken due to some adverse effects reported by some young subjects.

Specific studies communicated the existence of symptoms related to never-described-before syndromes developed after the vaccine was administered. For instance, Complex Regional Pain Syndrome (CRPS), Postural Orthostatic Tachycardia Syndrome (POTS), and Chronic Fatigue Syndrome (CFS) [13]. The side-effects that can arise within a relatively short time can be local or systemic.

Pain at the site of injection, swelling and uncontrollable movement of the hands (though this last symptom can also be considered systemic) are described. Among the systemic effects, fever, headache, irritability, epileptic seizures, temporary speech loss, lower limbs dysaesthesia and paresis, hot flashes, sleep disorders, hypersensitivity reactions, muscle pain, recurrent syncope, constant hunger, significant gait impairment, incapacity to maintain the orthostatic posture are reported [14].

It is a matter of fact that every day millions of vaccine doses are administered and nothing notable happens, but it is also irrefutable that, regardless of the amount of side effects that are not recorded and the percentage of which remains in fact unknown, in a limited number cases something wrong occurs. No satisfactory explanation or, in many cases, no explanation at all has been given and it seems that those adverse effects happen on a random and stochastic basis.

Those situations induced us to verify the safety of vaccines from a point of view which was never adopted before: not a biological, but a physical approach. So, we developed a new analysis method based on the use of a Field Emission Gun Environmental Scanning Electron Microscope investigations to detect possible physical contamination in those products.

Materials and Methods

44 types of vaccines coming from 2 countries (Italy and France) were analyzed. Table 1 groups them in terms of name, brand and purpose.

N	Name	Brand Name, Country of Distribution	Description	Production Batch, Expiry Date
---	------	-------------------------------------	-------------	-------------------------------

1	Vivotif Berna	Berna Biotech SA, Italy	Anti-Thyphoid Vaccine (Live), group Ty21a	3000336 [2004]
2	Typhim Vi	Aventis Pasteur MSD, Italy	Anti-Salmonella typhi Vaccine	U1510-2 [2004]
3	Typherix	GlaxoSmithKline S.p.a., Italy	Anti-Thyphoid Vaccine (polysaccharide Vi)	ATYPB061BB [2009]
4	Anatetall	Chiron (now Novartis) Italy	Adsorbed anti-Tetanus Vaccine	030106 [2004]
5	Anatetall	Novartis Vaccines and Diagnostics, Italy	Adsorbed anti-Tetanus Vaccine	060510 [2009]
6	Tetabulin	Baxter AG, Italy	Adsorbed anti-Tetanus Vaccine	VNG2G006A [2009]
7	Dif-Tet-All	Novartis Vaccines and Diagnostics, Italy	Adsorbed anti-Tetanus and diphtheria Vaccine	070501 [2009]
8	Infanrix	GlaxoSmithKline S.p.a., Italy	Anti-Diphtheria, tetanus and pertussis vaccine	AC14B071AJ [2009]
9	Infanrix hexa	GlaxoSmithKline Biologicals s, Italy	Anti-diphtheria, tetanus, pertussis, hepatitis B, poliomyelitis and disease caused by Haemophilus influenzae type b	A21CC512A [2017]
10	Infanrix hexa	GlaxoSmithKline Biologicals s. a. France	Anti-diphtheria, tetanus, pertussis, hepatitis B, poliomyelitis and disease caused by Haemophilus influenzae type b	A21CC421A [2017]
11	M-M-R vaxPro	Sanofi Pasteur MSD, Italy	M-M-R vaxPro (measles, mumps, and rubella) analyzed in Cambridge	L012437 [2017]
12	Repevax	Sanofi Pasteur MSD, France	Anti-diphtheria-tetanus-pertussis-polio-vaccine	L0362-1 [2017]
13	Repevax	Sanofi Pasteur MSD SNC France	Anti-diphtheria-tetanus-pertussis-polio-vaccine	L0033-1 [2016]
14	Priorix	GlaxoSmithKline S.p.a., Italy	Anti--measles-mumps, and rubella (MMR) vaccine	A69CB550A [2009]
15	Morupar	Chiron (now Novartis,), Italy	Anti-measles- mumps, and rubella (MMR) vaccine	7601 [2004]

16	Varilrix	GlaxoSmithKline S.p.a., Italy	Anti-Chicken pox vaccine (group OKA)	A70CA567A [2009]
17	Stamaril Pasteur	Sanofi Pasteur MSD, Italy	anti-yellow fever vaccine	A5329-6 [2009]
18	Allergoid-Adsorbat 6-Graser Starke B.	Allergopharma, Germany	Antiallergic vaccine	Ch-B.:30005999-B [2006]
19	Engerix-B	GlaxoSmithKline S.p.a., Italy	Adsorbed anti-hepatitis B vaccine	AHBVB468BD [2009]
20	Prenevar 13	Pfizer, Italy	Antipneumococcal vaccine	G79324 [2013]
21	Prevenar 13	Pfizer, France	Antipneumococcal vaccine	N27430 [2018]
22	Mencevax Acwy	GlaxoSmithKline, Italy	anti-Neisseria meningococcal group A, C, W135 and Y vaccine	N402A47B 12 [2004]
23	Meningitec	Pfizer, Italy	(group C 10) (adsorbed on Al-Phosphate)	H92709 [2015]
24	Meningitec	Pfizer-Italy	Anti-meningococcus (group C 10) vaccine (adsorbed on Al-Phosphate)	H20500 [2014]
25	Meningitec	Pfizer-Italy	Anti-meningococcus vaccine sequestred by Procura della Repubblica	G76673 [2014]
26	Meningitec	Pfizer-Italy	Anti-meningococcus vaccine sequestred by Procura della Repubblica	H99459 [2015]
27	Meningitec	Pfizer-Italy	Anti-meningococcus vaccine sequestred by Procura della Repubblica	H52269 [2015]
28	Menjugate	Novartis Vaccines and Diagnostics	Anti-meningococcus group C	YA0163AB [2010]
29	Menveo	Novartis Vaccines and Diagnostics	Antimeningococcus groups A, C, W135, Y	A15083 [2017]
30	Meningitec	Wyeth Pharmaceutical - France	Anti-meningococcus group C vaccine	E83920 [2011]

31	Inflexal V	Berna Biotech	Anti-flu vaccine 2008/2009	3001463-01 [2009]
32	Vaxigrip	Sanofi Pasteur MSD	Anti-flu vaccine 2008/2009	D9703-1 [2009]
33	Vaxigrip	Sanofi Pasteur	Anti-flu vaccine 2012/2013	J8401-1 [2013]
34	Vaxigrip	Sanofi Pasteur, Italy	Anti-flu vaccine, with inactivated and split virus	M7319-1 [2016]
35	Focetria	Novartis Vaccines and Diagnostics	Anti-pandemic flu H1N1 vaccine	0902401 [2010]
36	Agrippal	Novartis	Anti-flu vaccine 2012/2013	127002A [2013]
37	Agrippal	Novartis vaccines, Italy	Anti-flu vaccine with inactivated and split virus 2015/2016 -	152803 [2016]
38	Agrippal S1	Novartis Vaccines and Diagnostics	Anti-flu inactivated/superficial antigene v - 2014/2015	147302A [2015]
39	Fluarix	GlaxoSmithKline - GSK	Anti-flu vaccine 2013	AFLUA789AA [2014]
40	Fluad	Novartis Vaccines and Diagnostics	Anti-flu inactivated/superficial antigene vaccine - 2014/2015	142502 [2015]
41	Gardasil	Sanofi Pasteur MSD, Italy	Anti-HPV types 6,11,16,18 vaccine	NP01250 [2012]
42	Gardasil	Sanofi Pasteur MSD, Italy	Anti-HPV (types 6,11,16,18) vaccine	K023804 [2016]
43	Cervarix	GlaxoSmithKline Biological, Italy	Anti-HPV (type 16,18)	AHPVA238AX [2017]
44	Feligen CRP	Virbac S.A. - Carros - Italy	anti-panleucopenia, infectious rhinotracheitis and infections by Calcivirus, veterinary Vaccine for cats	3R4R [2013]

Table 1: List of vaccines analyzed, according to their purpose.

Some vaccines, in fact a minority, are meant to deal with a single bacterium or virus, while others are multi-valent. The list of vaccines we analyzed may contain repeated names, because we considered different batches and years of production of the same vaccine: the ones against influenza in particular.

The study was aimed at verifying a possible physical contamination. To do that, we performed a new kind of investigation based on observations under a Field Emission Gun Environmental Electron Scanning Microscope (FEG-ESEM, Quanta 200, FEI, The Netherlands) equipped with the X-ray microprobe of an Energy Dispersive Spectroscopy (EDS, EDAX, Mahwah, NJ, USA) to detect the possible presence of inorganic, particulate contaminants and identify their chemical composition.

A drop of about 20 microliter of vaccine is released from the syringe on a 25-mm-diameter cellulose filter (Millipore, USA), inside a flow cabinet. The filter is then deposited on an Aluminum stub covered with an adhesive carbon disc. The sample is immediately put inside a clean box in order to avoid any contamination and the box is re-opened only for the sample to be inserted inside the FEG-ESEM chamber. We selected that particular type of microscope as it allows to analyse watery and oily samples in low vacuum (from 10 to 130 Pa) at a high sensitivity.

When the water and saline the vaccine contains are evaporated, the biological/physical components emerge on the filter and it is then possible to observe them. This type of microscope (low-vacuum observations) prevents the possible sample contamination and the creation of artefacts. The observations are made with different sensors (SE: secondary-electron sensor and BSE: backscattered-electron sensor), and are performed at a pressure of 8.9 e-1 mbar, at energies ranging from 10 to 30kV to detect the particulate matter's size, morphology and its elemental composition. The method identifies clearly inorganic bodies with a higher atomic density (looking whiter) than the biological substrate. So, organic entities are visible and easy to distinguish from inorganic ones. The method cannot distinguish between proteins and organic adjuvants (e.g. squalene, glutamate, proteins, etc.) or viruses, bacteria, bacteria's DNA, endo-toxins and bacteria's waste, but their comparatively low atomic density allows us to identify these entities as organic matter. In some vaccines, the organic matter contains white-looking debris named aggregates, while a high concentration or inorganic debris is called a cluster.

Single inorganic particles or organic-inorganic aggregates are identified, evaluated and counted. The counting procedure is repeated three times by three different operators, with an error lower than 10%. When a layer of salts (Sodium chloride or Aluminum) is detected, we record the situation but we do not do body count.

[Go to...](#)

Results

The investigations verified the physical-chemical composition of the vaccines considered according to the inorganic component as declared by the Producer. In detail, we verified the presence of saline and Aluminum salts, but further presence of micro-, sub-micro- and nanosized, inorganic, foreign bodies (ranging from 100nm to about ten microns) was identified in all cases, whose presence was not declared in the leaflets delivered in the package of the product (Table 2).

N	Company	Name	Alluminum	Elements Identified
1	Allergopharma - Germany	Allergoid	yes	Al
2	Aventis Pasteur MSD Lyon - Francie	Typhim Vi	no	BrKP, PbSi, FeCr, PbClSiTi
3	Baxter AG	Tetabulin	no	SiMg, Fe, SiTiAl, SBa, Zn

4	Berna Biotech	Vivotif Berna	no	FeAl, ZrAlHf, SrAl, BiAlCl
5	Berna Biotech	Inflexal V	no	CuSnPbZn, Fe, CaSiAl, SiAl, NaPZn, ZnP, AlSiTi
6	Chiron	Anatetall	Al(OH) ₃	FeAl, SZnBaAl
7	Chiron	Morupar	no	/
8	GlaxoSmithKline- Belgium	Mencevax ACWY	no	FeCrNi, ZrAl, FeCrNiZrAlSi
9	GlaxoSmithKline	Infanrix	Al(OH) ₃	Al, AlTi, AlSi
10	GlaxoSmithKline Biologicals	Infanrix hexa	Al(OH) ₃	SBa, FeCu, SiAl, FeSi, CaMgSi, AlCaSi, Ti, Au, SCa, SiAlFeSnCuCrZn, CaAlSi
11	GlaxoSmithKline Biologicals	Infanrix hexa	Al(OH) ₃ ,AlPO ₄ . 2H ₂ O	W, FeCrNi, Ti
12	GlaxoSmithKline	Typherix	no	Ti, TiW, AlSiTiWCr, SBa, W, SiAl, AlSiTi
13	GlaxoSmithKline	Priorix	no	WCa, WFeCu, SiAl, SiMg, PbFe, Ti, WNiFe
14	GlaxoSmithKline	Engerix-B	no	Al (precipitates)
15	GlaxoSmithKline	Varilrix	no	FeZn, FeSi, AlSiFe, SiAlTiFe, MgSi, Ti, Zr, Bi
16	GlaxoSmithKline	Fluarix	no	AlCu, Fe, AlBi, Si, SiZn, AlCuFe, SiMg, SBa, AlCuBi, FeCrNi, SPZn
17	GlaxoSmithKline Biologicals	Cervarix	Al(OH) ₃	AlSi, FeAl, SiMg, CaSiAl, CaZn, FeAlSi, FeCr, CuSnPb
18	Novartis Vaccines and Diagnostics	Anatetall	Al(OH) ₃	Al, FeCrNi, AlCr, AlFe, BaS, ZnAl
19	Novartis Vaccines and Diagnostics	Dif-Tet-All	Al(OH) ₃	Fe, SBa, SiSBa, AlZnCu, AlZnFeCr
20	Novartis Vaccines and Diagnostics	Menjugate kit	Al(OH) ₃	SiAl, Ti, FeZn, Fe, Sb, SiAlFeTi, W, Zr
21	Novartis Vaccines and Diagnostics	Focetria	no	Fe, FeCrNiCu, FeCrNi, SiFeCrNi, Cr, SiAlFe, AlSiTiFe, AlSi, SiMgFe, Si, FeZn

22	Novartis	Agrippal S1	no	Ca, Fe, SBa, SBaZn, Cr, Si, Pb, Bi, e FeSiAlCr, SiAlSBaFe, CaAlSi, Zn, CeFeTiNi, FeCrNi
23	Novartis Vaccines and Diagnostics	Agrippal S1	no	SiAlK, Si, SiMgFe, CaSiAl, SBaZn
24	Novartis vaccines	Agrippal	no	Cr, Ca, SiCaAl, ZrSi, SBa, CuZn, SCa
25	Novartis Vaccines and Diagnostics S	Fluad	no	CaSiAl, FeSiTi, SiMgAlFe, SBa
26	Novartis Vaccines and Diagnostics	Menveo	no	CaSiAl, SiAlFe, FeCrNi, Fe, Al, SBa
27	Pfizer	Prenevar 13	no	FeCr
28	Pfizer	Prevenar 13	no	W, CaAlSi, Al, CaSiAlFe, FeS, FeCr, FeCrNi, Fe, , CaP, FeTiMn, Ba, SiMgAlFe
29	Pfizer	Meningitec - ctrl	no	Cr, Si
30	Pfizer	Meningitec - ctrl	no	FeCrNi, W
31	Pfizer	Meningitec	no	CaSiAl, CaSi, SiAlFeTi, FeCrNi, W, Fe, Pb
32	Pfizer	Meningitec	no	Cr (precipitates), Ca, AlSi
33	Pfizer	Meningitec	no	W, SiCa, CaSi, Pb, FeCrNi, Cr
34	Wyeth Pharmaceutical - UK	Meningitec	no	SiAlFe, SiAlTi, SiMgFe, W, Fe, Zr, Pb, Ca, Zn, FeCrNi
35	Sanofi Pasteur MSD-France	Vaxigrip	no	Fe, FeCrNi, SiAlFe, AlSi, SiAlFeCr
36	Sanofi Pasteur MSD	Stamaril Pasteur	no	CaSiAl, AlSi, Fe, SiMgFe, SiMgAlFe, CrSiFeCr, CrSiCuFe
37	Sanofi Pasteur MSD	Gardasil	AlPO ₄ . 2H ₂ O	AlCuFe, PbBi, Pb, Bi, Fe
38	Sanifi Pasteur MSD	Gardasil	AlPO ₄ . 2H ₂ O	CaAlSi, AlSi, SiMgFe, Al, Fe, AlCuFe, FeSiAl, BiBaS, Ti, TiAlSi

39	Sanofi Pasteur	Vaxigrip	no	Ca, CrFe, FeCrNi, CaSZn, CaSiAlTiFe, Ag, Fe
40	Sanofi Pasteur	Vaxigrip	no	SiMgFe, CaSiAl, AlSiFe, AlSi,FeCr, FeZn, Fe
41	Sanofi Pasteur MSD	Repevax	AlPO ₄ .2H ₂ O	Bi, Fe, AlSiFe, SiMg, SBa, Ca
42	Sanofi Pasteur MSD S	Repevax	AlPO ₄ .2H ₂ O	Ti, Br, AuCuZn, Ca, SiZn, SiAuAgCu, SiMgFe,FeCrNi,AlSiMgTiMnCrFe, SiFeCrNi, FeAl
43	Sanofi Pasteur MSD	M-M-R vaxPro	no	Si, SiFeCrNi, FeCrNi,FeNi, Fe, SCa, AlSiCa, CaAlSiFeV, SBa, Pt, PtAgBiFeCr
44	Virbac S.A. - Carros - France	Feligen CRP	no	Ca,SiAl

Table 2: List of the vaccines according to their manufacturers with the chemical composition of the debris identified in each sample. The elements most represented are reported.

Figure 1a shows a layer of crystals of Sodium chloride (NaCl) embedding salts of Aluminum phosphate (AlPO₄) in a drop of Gardasil (anti-HPV vaccine by Merck) as the EDS spectrum (Figure 1b) shows. Saline is the fluid base to any vaccine preparation and Aluminum salts or Aluminum hydroxide [Al(OH)₃] are the adjuvants which are usually added.

Looking at the area outside these precipitates but inside the liquid drop, we identified other things: single particles, clusters of particles and aggregates (organic-inorganic composites) that are due to an interaction of the inorganic particulate matter with the organic part of the vaccine.

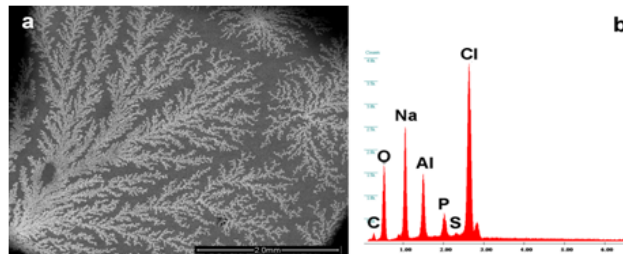


Figure 1: Crystals of saline solution and Aluminum Phosphate and corresponding EDS spectra.

Figure 2a-2f shows the different typology of entities identified in the vaccines (Repevax, Prevenar and Gardasil); single particles, cluster of micro- and nanoparticles (<100nm) and aggregates with their EDS spectra (Figure 2d-2f). The images (Figure 2a & 2d) show debris of Aluminum, Silicon, Magnesium and Titanium; of Iron, Chromium, Silicon and Calcium particles (Figure 2b & 2e) arranged in a cluster, and Aluminum -Copper debris (Figure 2c & 2f) in an aggregate.

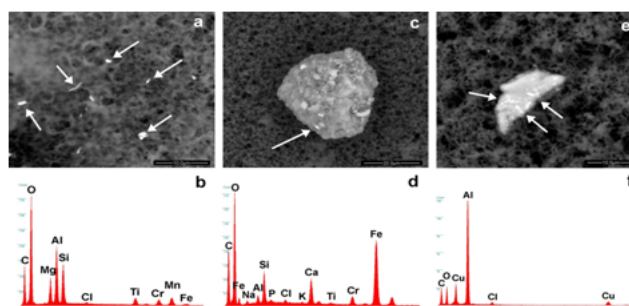


Figure 2: Images of single particles, cluster of micro- and nanoparticles (<100nm) and aggregates with their EDS spectra. They are respectively composed of (a,b) Aluminum, Silicon, Magnesium, Titanium, Chromium, Manganese, Iron, (c,d) Iron, Silicon, Calcium Titanium, Chromium, (e,f) Aluminum, Copper. The arrows show the points where EDS spectra were taken.

As can be seen, the particles are surrounded and embedded in a biological substrate. In all the samples analyzed, we identified particles containing: Lead (Typhym, Cervarix, Agrippal S1, Meningitec, Gardasil) or stainless steel (Mencevax, Infarix Hexa, Cervarix. Anatetall, Focetria, Agrippal S1, Menveo, Prevenar 13, Meningitec, Vaxigrip, Stamaril Pasteur, Repevax and MMRvaxPro).

Figure 3a-3d show particles of Tungsten identified in drops of Prevenar and Infarix (Aluminum, Tungsten, Calcium chloride).

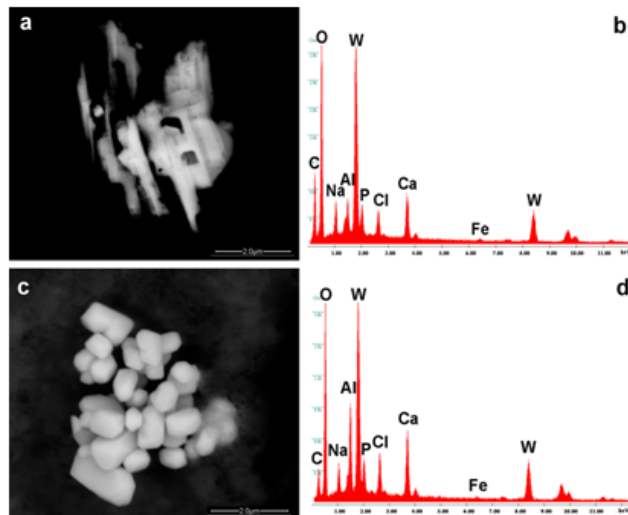


Figure 3: Images of Tungsten particles identified in drops of Prevenar and Infarix. They are composed respectively of Tungsten, Aluminum, Iron but in different concentrations. The arrows show the points where EDS spectra were taken.

Figure 4a-4d present singular debris found in Repevax (Silicon, Gold, Silver) and Gardasil (Zirconium).

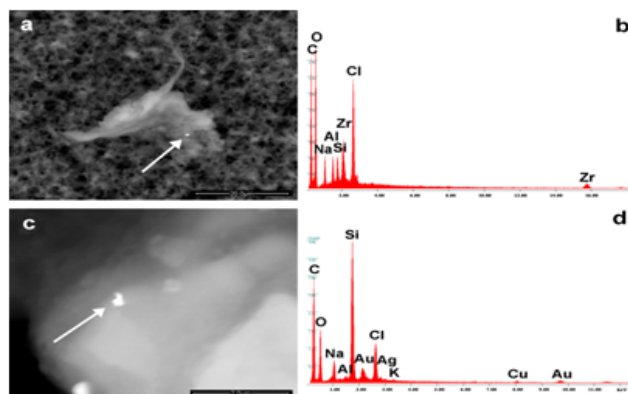


Figure 4: Images show examples of nano biointeraction. The aggregate (a,b) identified in Gardasil contains nanoparticles of Chlorine, Silicon, Aluminum, Zirconium, while the debris found in Repevax contains Silicon, Gold, Silver (c,d). The arrows show the points where EDS spectra were taken.

Some metallic particles made of Tungsten or stainless steel were also identified. Other particles containing Zirconium, Hafnium, Strontium and Aluminum (Vivotif, Meningetec); Tungsten, Nickel, Iron (Priorix, Meningetec); Antimony (Menjugate kit); Chromium (Meningetec); Gold or Gold, Zinc (Infarix Hexa, Repevax), or Platinum, Silver, Bismuth, Iron, Chromium (MMRvaxPro) or Lead, Bismuth (Gardasil) or Cerium (Agrippal S1) were also found. The only Tungsten appears in 8/44 vaccines, while Chromium (alone or in alloy with Iron and Nickel) in 25/44. The investigations revealed that some particles are

embedded in a biological substrate, probably proteins, endo-toxins and residues of bacteria. As soon as a particle comes in contact with proteic fluids, a nano-bio-interaction [6] occurs and a "protein corona" is formed [7-10]. The nano-bio-interaction generates a bigger-sized compound that is not biodegradable and can induce adverse effects, since it is not recognized as self by the body.

Figure 5a-5f show examples of these nano-bio-interactions. Aggregates can be seen (stable composite entities) containing particles of Lead in Meningitec, (Figure 5a & 5b) of stainless steel (Iron, Chromium and Nickel, Figure 5c & 5d) and of Copper, Zinc and Lead in Cervarix (Figure 5e & 5f). Similar aggregates, though in different situations (patients suffering from leukemia or cryoglobulinemia), have already been described in literature.

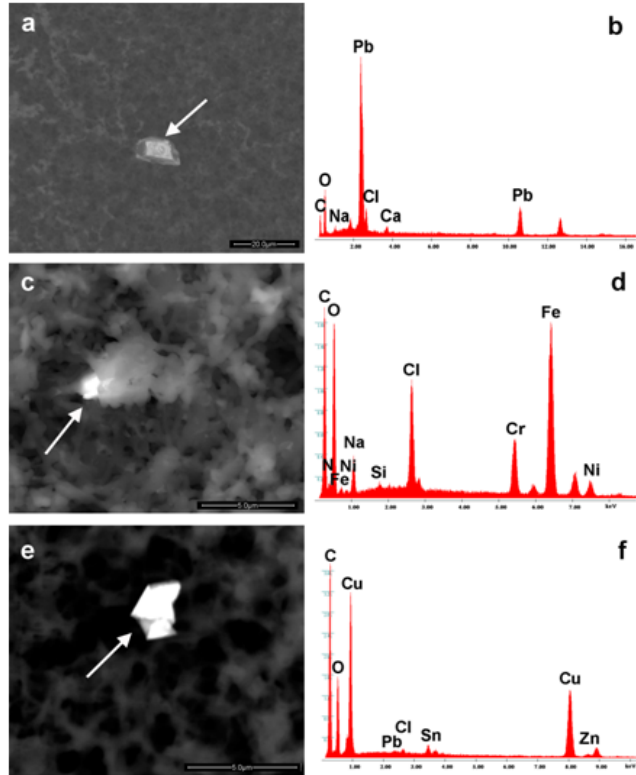


Figure 5: show particles surrounded by an organic compound. They are composed of Lead (a,b), Iron, Chromium, Nickel (stainless steel; c,d), Copper, Tin, Lead (e,f). The arrows show the points where EDS spectra were taken.

The link between these two entities generates an unfolding of the proteins that can induce an autoimmune effect once those proteins are injected into humans.

Figure 6a & 6b show one of the foreign bodies identified in Agrippal. The particle is composed of Cerium, Iron, Titanium and Nickel. (Figure 7a & 7b) present an area of Repevax where the morphology of red cells - we cannot tell whether they are human or animal- is clearly visible.

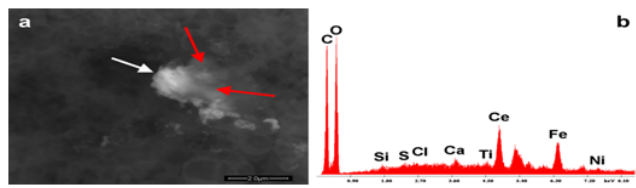


Figure 6: show an organic aggregate containing a debris made of Cerium, Iron, Nickel, Titanium. The red arrow indicates the organic layer (less atomically dense) that covers the Cerium particle.

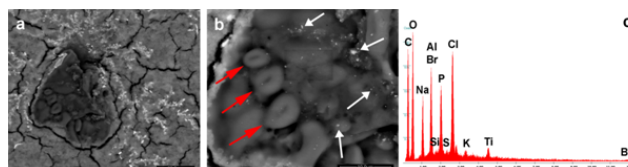


Figure 7: Image of an area in a Repevax drop where the morphology of red cells (red arrows) were identified. It is impossible to know whether they are human or animal origin. Among the debris of saline and Aluminum phosphate, there is the presence of debris (white arrows) composed of Aluminum, Bromine, Silicon, Potassium, Titanium.

Table 3 summarizes the number and morphology of the debris identified, in term of single particles, clusters of particles or aggregates (organic-inorganic compounds), while Figure 8 shows the graph obtained calculating the total number of particles (particles plus clusters plus aggregates) identified for 20 microl of every vaccine.

Name	Total Debris n.	Size Range in mm	Cluster n.	Size Range in mm	Aggregate n. (Range of Particles)	Size Range mm
Allergoid	NaCl precipitates	/	/	/	/	/
Typhim Vi	394	0,1-2,5			3[9-350]	2-35
Tetabulin	519	0,1-15			3[100-180]	25-60
Vivotif Berna	4	1,5-15				
Inflexal V	103	0,1-17	1	20	3[35-45]	10-25
Anatetall	2	1-3				
Morupar	/		/		/	
Mencevax ACWY	13	0,2-5				
Infanrix	3	1-5	1	25		
Infanrix hexa	1821	0,1-15			15[1820]	20-140
Infanrix hexa	162	0,3-7	12	60	2[7 debris]	3.5-44
Typherix	8	0,2-8	1	15		
Priorix	641	0,05-30	1	10	3[600]	20-70

Engerix-B	precipitates			/		
Varilrix	2723	0,1-4			36 [120-2000]	15-40
Fluarix	1317	0,1-40			3[83]	7-30
Cervarix	1569	0,2-3	2	5-10	4[1400]	8-30
Anatetall	47	0,05-40				
Dif-Tet-All	111	0,2-3				
Menjugate	73	0,1-5				
Focetria	35	0,7-10				
Agrippal S1	430	0,2-6	13	0.2-80	5[410]	20
Agrippal S1	1029	0,1-12			9[1025]	35-80
Agrippal	480	0,1-6			11[460]	2-80
Fluad	605	0,2-15	4	12-25	6[600]	70
Menveo	452	0,1-13			4[430]	30-110
Prenevar 13	precipitates + 5 debris	1-7				
Prevenar 13	precipitates + 81 debris	0,2-50	3	5-40	1 [60]	25
Meningitec	3	10-20				
Meningitec	24	8-60				
Meningitec	673	0,1-20	1	7	9[624]	5-110
Meningitec	precipitates + 40	0,1-3,5			2[40]	25-70
Meningitec	177	0,2-10			3[165]	15-100
Meningitec	241	0,1-15	1	50	2[230]	50

Not all the vaccines analyzed contain the same contamination, though the same vaccine belonging to different batches and, in some cases, coming from different countries can contain a similar contamination (e.g. the vaccines by Glaxo Infarix, Typherix and Priorix contain Tungsten. Tungsten was also identified in Menjugate kit by Novartis, and Prevenar, Meningitec by Pfizer and Meningitec by Wyeth).]

Feligen, the only veterinary vaccine tested, proved to be the only sample free from inorganic contamination, while Allergoid generates a layer of inorganic salts so thick that it does not allow to detect other particulate contaminants.

Discussion

The quantity of foreign bodies detected and, in some cases, their unusual chemical compositions baffled us. The inorganic particles identified are neither biocompatible nor biodegradable, that means that they are biopersistent and can induce effects that can become evident either immediately close to injection time or after a certain time from administration. It is important to remember that particles (crystals and not molecules) are bodies foreign to the organism and they behave as such. More in particular, their toxicity is in some respects different from that of the chemical elements composing them, adding to that toxicity which, in any case, is still there, that typical of foreign bodies. For that reason, they induce an inflammatory reaction.

After being injected, those microparticles, nanoparticles and aggregates can stay around the injection site forming swellings and granulomas [17]. But they can also be carried by the blood circulation, escaping any attempt to guess what will be their final destination. We believe that in many cases they get distributed throughout the body without causing any visible reaction, but it is also likely that, in some circumstances, they reach some organ, none excluded and including the microbiota, in a fair quantity. As happens with all foreign bodies, particularly that small, they induce an inflammatory reaction that is chronic because most of those particles cannot be degraded. Furthermore, the protein-corona effect (due to a nano-bio-interaction [18]) can produce organic/inorganic composite particles capable of stimulating the immune system in an undesirable way [19-22]. It is impossible not to add that particles the size often observed in vaccines can enter cell nuclei and interact with the DNA [23].

In some cases, e.g. as occurs with Iron and some Iron alloys, they can corrode and the corrosion products exert a toxicity affecting the tissues [24-26].

The detection of presence of Aluminum and NaCl salts is obvious as they are substances used by the Producers and declared as components, but other materials are not supposed to be in the vaccine or in any other injectable drug, at that, and, in any case, Aluminum has already been linked with neurological diseases [27-29].

Given the contaminations we observed in all samples of human-use vaccines, adverse effects after the injection of those vaccines are possible and credible and have the character of randomness, since they depend on where the contaminants are carried by the blood circulation. It is only obvious that similar quantities of these foreign bodies can have a more serious impact on very small organisms like those of children. Their presence in the muscles, due an extravasation from the blood, could heavily impair the muscle functionality [30,31].

We come across particles with chemical compositions, similar to those found in the vaccines we analyzed, when we study cases of environmental contamination caused by different pollution sources. In most circumstances, the combinations detected are very odd as they have no technical use, cannot be found in any material handbook and look like the result of the random formation occurring, for example, when waste is burnt. In any case, whatever their origin, they should not be present in any injectable medicament, let alone in vaccines, more in particular those meant for infants.

Other forms of so-far unknown contaminations have recently been observed and, in any case, vaccines contain components that could themselves be the cause of adverse effects. It is a well-known fact in toxicology that contaminants exert a mutual, synergic effect, and as the number of contaminants increases, the effects grow less and less predictable. The more so when some substances are unknown.

As a matter of fact, no exhaustive and reliable official data exist on the side-effects induced by vaccines. The episodic evidence reported by people allegedly damaged by vaccines is twofold: some say the damage occurred and became visible within a few hours from administration, and some maintain that it was a matter of some weeks. Though we have no indisputable evidence as to the reliability of those attestations, we can put forward a hypothesis to explain the different phenomena. In the former case, the pollutants contained in the drug have reached the brain and, depending on the anatomical site interested, have induced a reaction. If that is the case, the whole phenomenon is very rapid. In the latter circumstance, the pollutants reached the microbiota, thus interfering with the production of enzymes necessary to carry out neurological functions [32-35]. That possibility takes time, as it involves the production of chemical compounds in a sufficient quantity, and an elapse of some weeks between injection and clinical evidence is reasonable. Of course, ours is no more than a hypothesis open to discussion and in need of proof, hoping that a chance of further investigation is allowed.

Conclusion

The analyses carried out show that in all samples checked vaccines contain non biocompatible and bio-persistent foreign bodies which are not declared by the Producers, against which the body reacts in any case. This new investigation represents a new quality control that can be adopted to assess the safety of a vaccine. Our hypothesis is that this contamination is unintentional, since it is probably due to polluted components or procedures of industrial processes (e.g. filtrations) used to produce vaccines, not investigated and not detected by the Producers. If our hypothesis is actually the case, a close inspection of the working places and the full knowledge of the whole procedure of vaccine preparation would probably allow to eliminate the problem.

A further purification of the vaccines could improve their quality and could probably decrease the number and seriousness of the adverse incidental effects.

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References

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