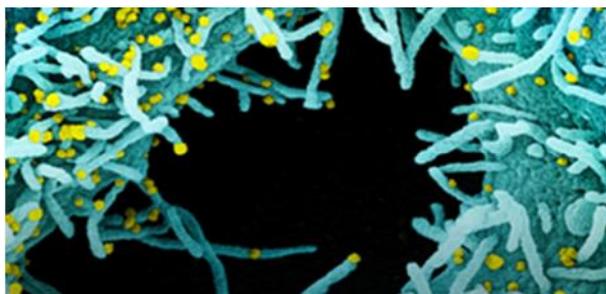


**Robert O Young DSc, PhD.**

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

Updated: 11 hours ago

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



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 Diffractometer, 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]

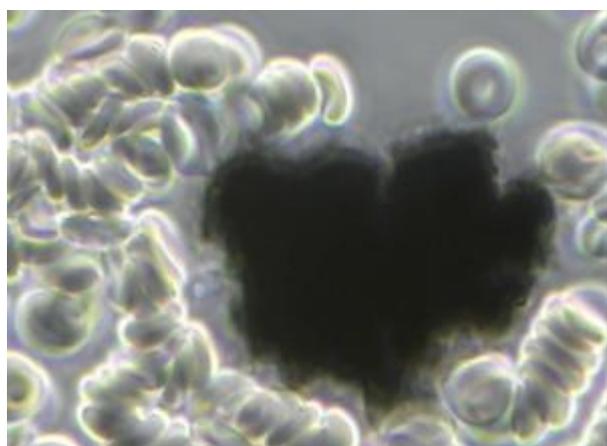


Figure 1 is a Micrograph of a Carbon Cluster of Reduced Graphene Oxide (rGO) Viewed in the Live Unstained Human Blood with pHase Contrast Microscopy at 1500x. Note that the Red

### Blood Cells are Clotting in and Around the rGO Crystal in a Condition Known as Rouleau! A French Word Which Means to Chain.

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

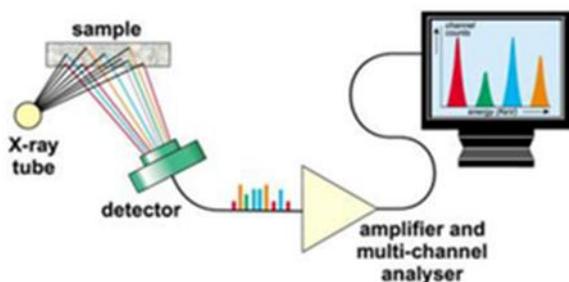
To answer this question an aqueous fraction of the Pfizer, Moderna, Astrazeneca and Janssen vaccines were taken from each vile and then viewed separately under pHase Contrast Microscopy at 100x, 600x up to 1500x magnification showing anatomical evidence of reduced Graphene Oxide (rGO) particulates which 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

#### The Pfizer "Vaccine" Non-disclosed Ingredients

The micrographs in [Figures 2 and 3](#) were obtained using 100X, 600X 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 you 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.

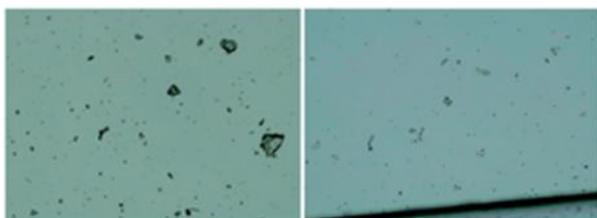


Figure 2 shows an aqueous fraction image from Pfizer vaccine sample (left) and from reduced graphene oxide (rGO) standard (right) (Sigma-777684). Optical microscopy, 100X

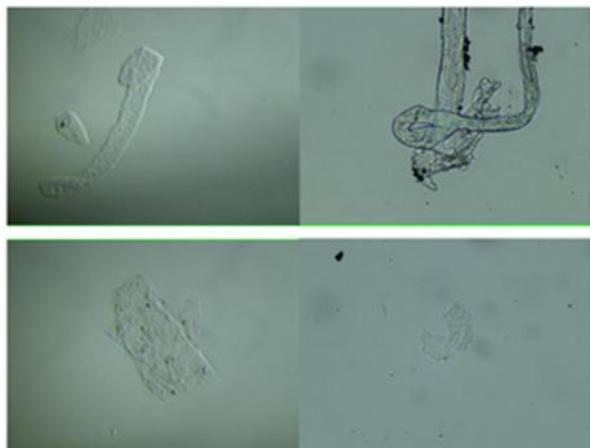


Figure 3 - Aqueous fraction images containing reduced graphene oxide from Pfizer vaccine sample (left) and sonicated reduced graphene oxide (rGO) standard (right) (Sigma-777684). Optical phase contrast microscopy, 600X. In addition, the Muestra RD1, La Quinta Columna Report, June 28, 2021; Graphene Oxide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



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.

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.

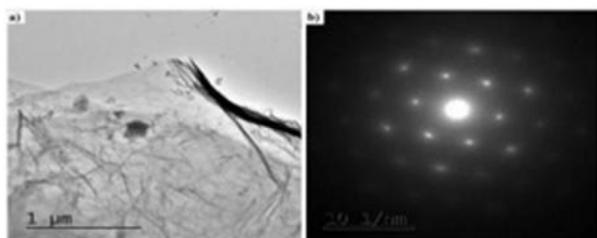


Figure 4b Reveals X ray Diffraction Pattern of the Graphene Particles. [4]

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]

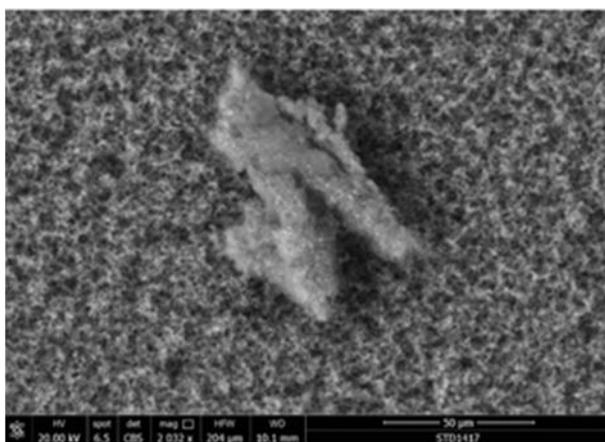


Figure 5 shows a cluster of graphene nanoparticles in a Pfizer vaccine. They appear to be aggregated.

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]

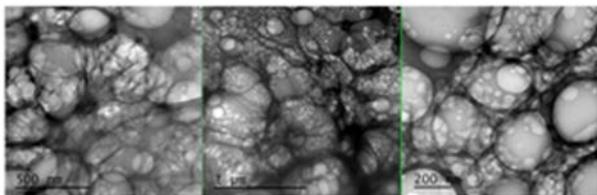


Figure 6 shows a TEM microscopy observation where particles of reduced graphene oxide in a Pfizer “vaccine” are present. The X-ray diffractometry reveals their nature of crystalline Carbon-based nanoparticles of rGO. This evidence was initially found by Muestra RD1, and published in the La Quinta Columna Report, June 28, 2021; Graphene Oxide Detection in Aqueous Suspension; Delgado Martin, Campra Madrid. [4]

#### Energy-Dispersive X-ray Spectroscopy Reveals rGO in Pfizer Vaccine[5][6][7]

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, and 6](#) were diluted in a saline solution.

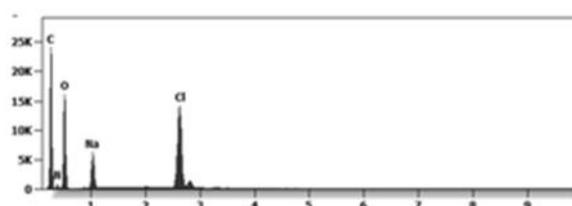


Figure 7 shows an EDS spectrum of a Pfizer “vaccine” under an ESEM microscopy coupled with an EDS x-ray microprobe (X axis =KeV, Y axis = Counts) identifying Carbon, Oxygen, Sodium and Chloride

#### 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.

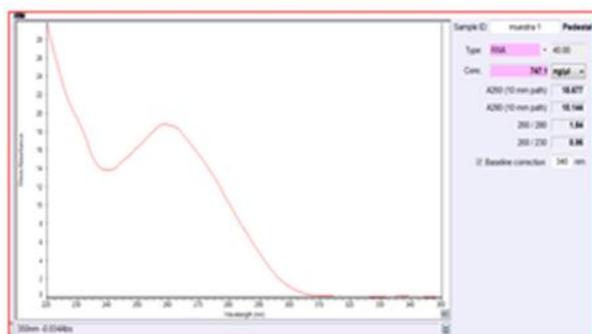


Figure 8 - UV spectrum of aqueous fraction of Pfizer vaccine sample.[1][2][3][5][6]

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

Ultra Violet absorption and fluorescence spectra 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).

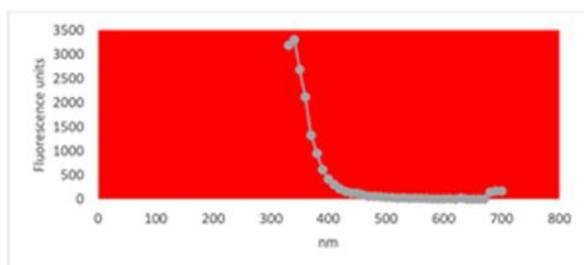


Figure 9 - UV absorption and fluorescence spectra were obtained with Cytation 5 Cell Imaging Multi-Mode Reader Spectrophotometer (Biotek). UV absorbance spectrum confirmed a maximum peak at 270 nm, compatible with presence of rGO. UV fluorescence maximum at 340 nm also suggests presence of significant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

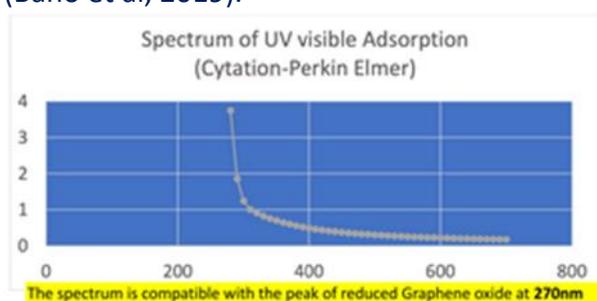


Figure 10 - The spectroscopy UV analysis showed an adsorption due to the presence of reduced graphene oxide, which is confirmed by observation under ultraviolet visible microscopy.

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]

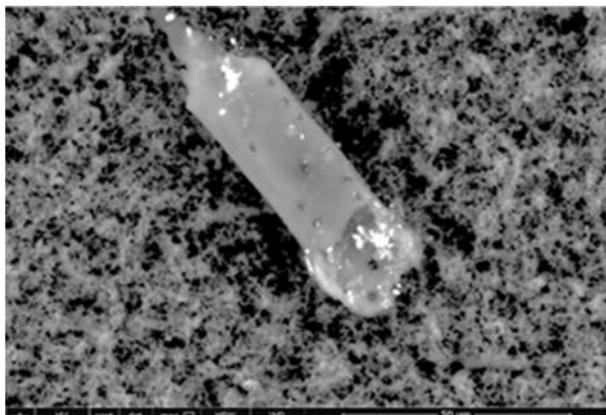


Figure 11 shows sharp micron debris of 20 um in length identified in the Pfizer so-called “vaccine” containing Carbon, Oxygen Chromium, Sulphur, Aluminum, Chloride, Nitrogen.

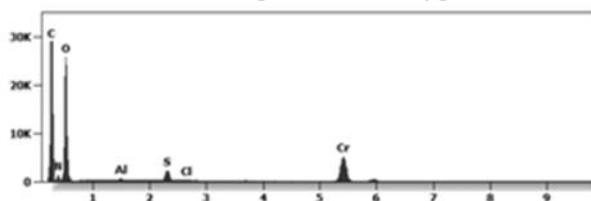


Figure 12 shows a 20 micron in length particulate identified in the so-called Pfizer “vaccine”. It is composed of carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen.

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 nano particulates 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]

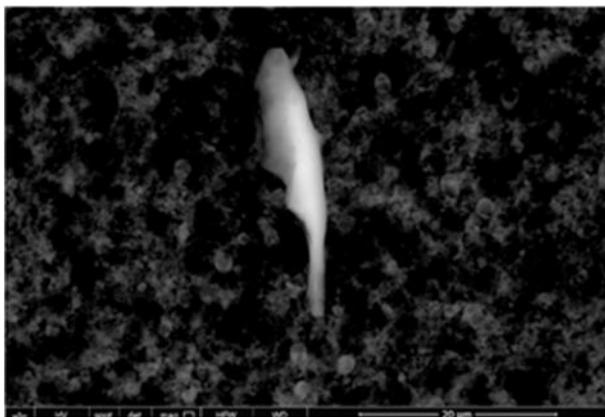
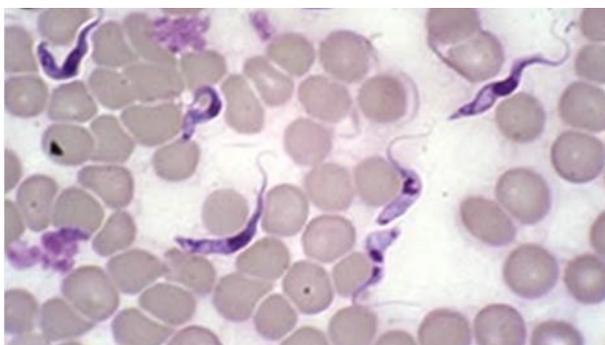


Figure 13 shows a Trypanosoma Parasite approximately 20 microns in length found in the so-called Pfizer “vaccine”. It is composed of carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen.



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."

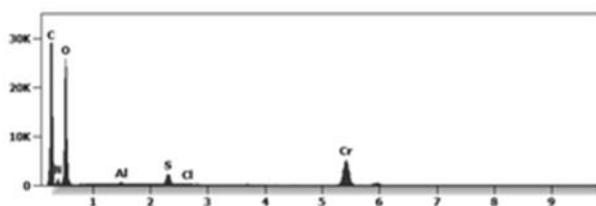


Figure 13 Identifies a Composite of Nano particulates

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.

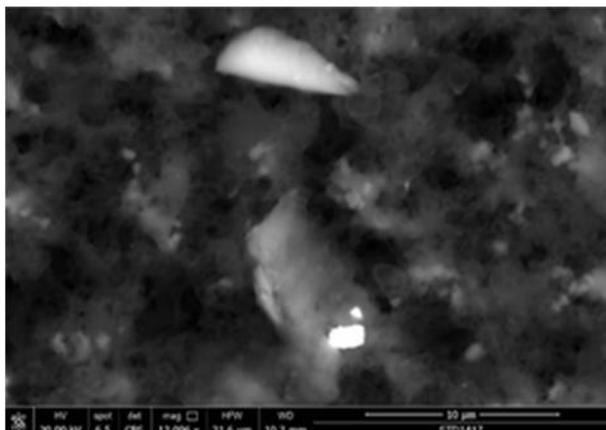


Figure 15 shows nano and micron particulates identified in the Pfizer “vaccine”. The white 2 micron long particulate is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.

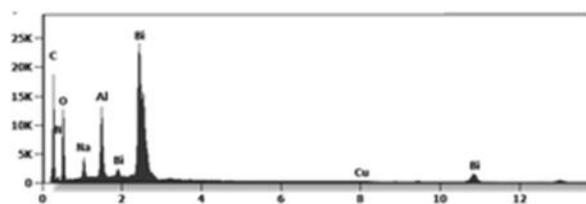


Figure 16 shows that the white 2 micron particulate found in the so-called Pfizer 'vaccine' is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.

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.”

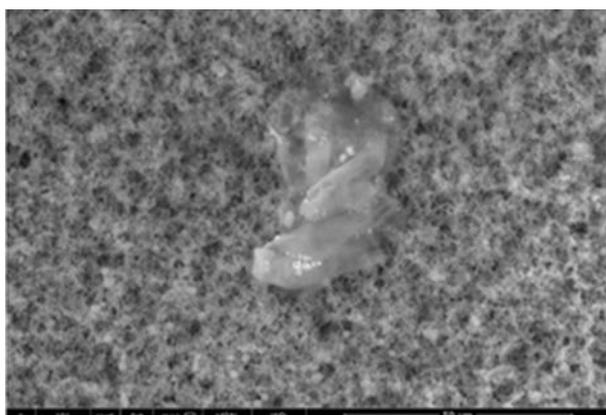


Figure 17 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer “vaccine!”

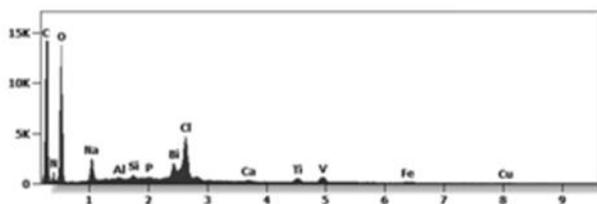


Figure 18 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer "vaccine!"

#### 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 nano particles 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 nano particulates and their morphology.

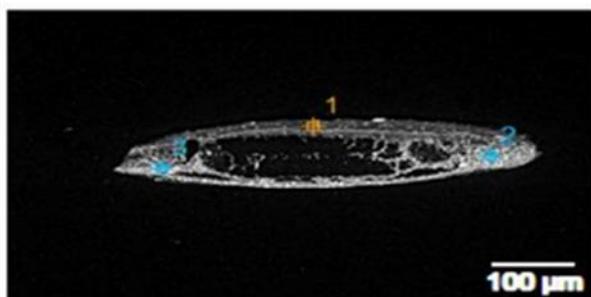


Figure 19 - Engineered aggregate of iron, chromium and nickel also known as stainless steel.

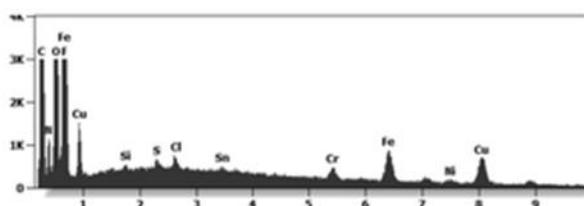


Figure 20 shows the quantified nano particulates in the Astrazeneca "vaccine" with an x-ray microprobe of an Energy Dispersive System that reveals the chemical nature of the observed micro and nano particulates.

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]

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".

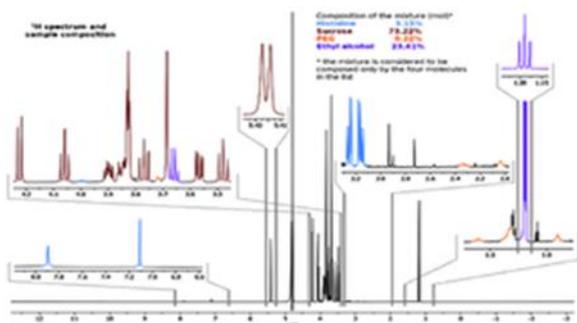


Figure 21 Identifies the Spectrum of AstraZeneca Vaccine Adjuvants. Different colors are used for the four molecules identified by means of reference spectra. Relative concentration is calculated on integrals of reference signals for molecules in a quantitative spectrum acquired with a duty cycle of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

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.[11] You can view these biological reactions or cellular transformations in the live blood under pPhase Contrast and Dark Field Microscopy in Figures 24, 25 and 26.[1][12]

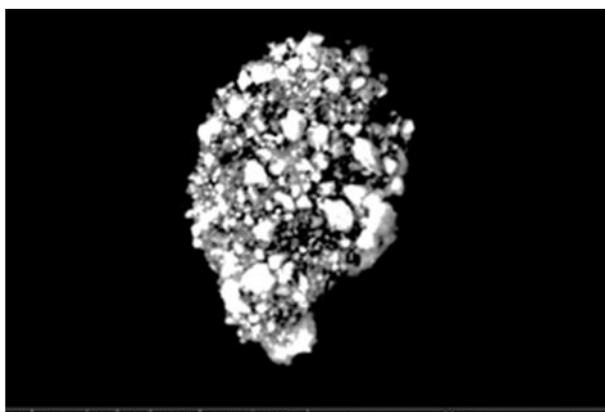


Figure 22 A Stainless Steel Aggregation of Carbon , Oxygen, Iron and Nickel Held Together With Graphene Oxide

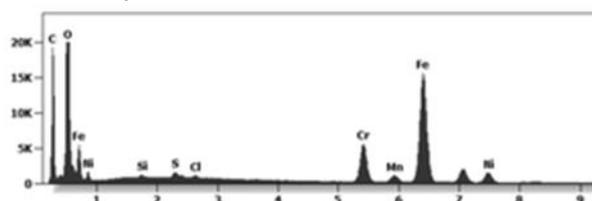


Figure 23 Shows Elements of of Carbon , Oxygen, Iron and Nickel Held Together With Graphene Oxide.

## The Corona Effect and Spike Protein Effect

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



Figure 24 "The Corona Effect" and the Endogenous Creation of Exosomes Due to Chemical and Radiation Poisoning of the Vascular and the Interstitial fluids of the Interstitium

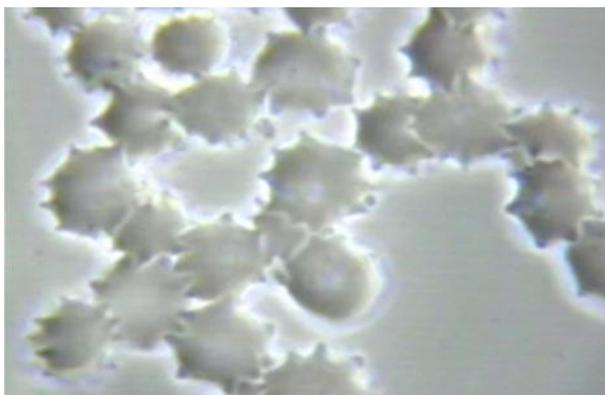


Figure 25 Shows "The Corona Effect" and the the Endogenous Birth of S1 Protein Spikes Caused by Radiation and Chemical Poisoning or What I Call The "Protein Spiking Effect"



Figure 26 This Micrograph Shows the Endogenous Creation of the "Spike Protein" as an Outfection and NOT and Infection!

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]

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]

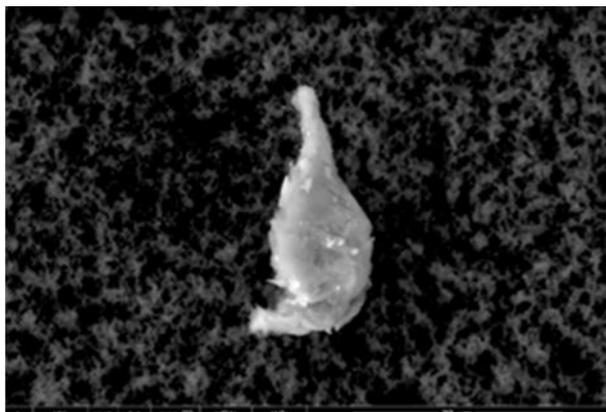


Figure 26 Transmission Electron Microscopy Reveals a Graphene Oxide Composite of Embedded Organic and Non-Organic Matter



Figure 27 Reveals Embedded Cytotoxic Nano Particulates

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 nano particulates. 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]

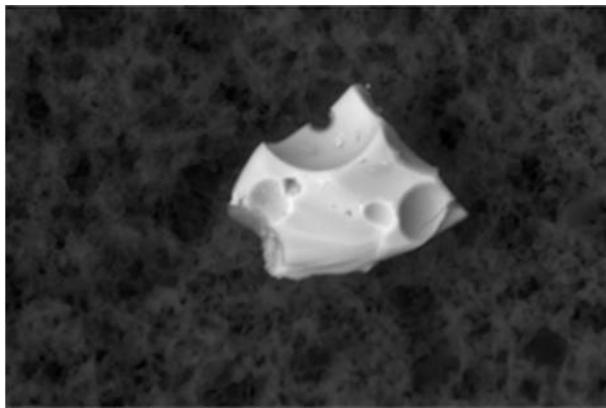


Figure 27 Reveals the Nano Dots in the Graphene Oxide Found in the Moderna "Vaccine"

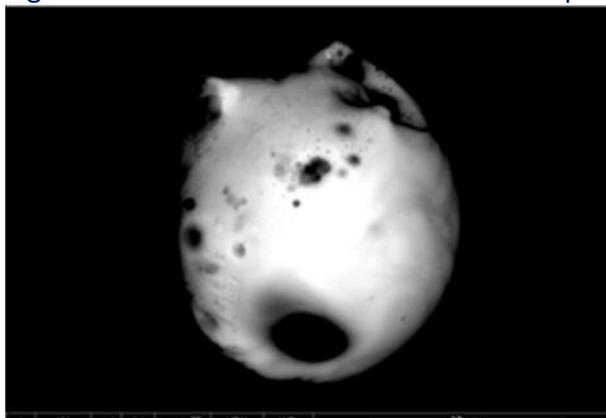


Figure 28 Reveals the Nano Dots in the Graphene Oxide Found in the Moderna "Vaccine"

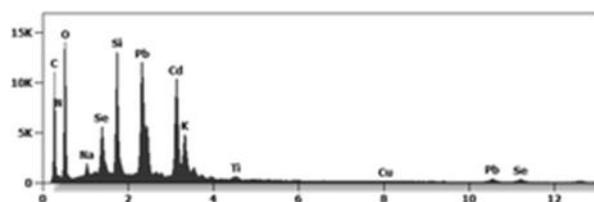


Figure 29 Reveals the Cytotoxic and Genotoxic Composite of Nano Particulates in Graphene Oxide Found in the Moderna "Vaccine"

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

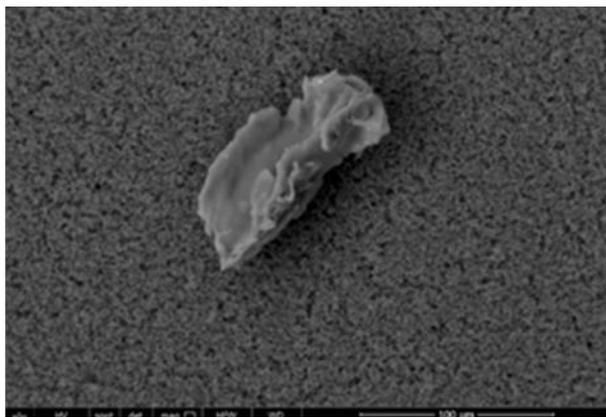


Figure 30 Transmission Electron Microscopy Reveals a Large 100 micron Symplast Composite of Reduces Graphene Oxide

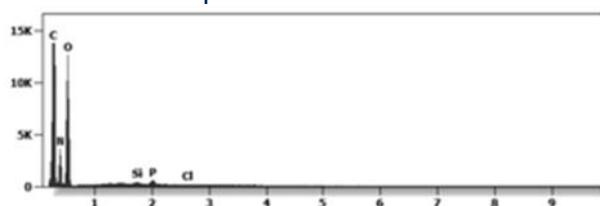


Figure 31 Reveals the Nano Particulate Complex Contained in the Moderna "Vaccine"

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

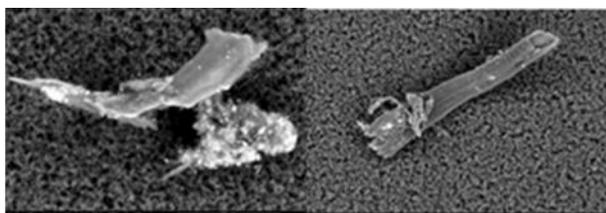


Figure 32 Reveals a Complex of Graphene Oxide and Aluminium Silicate Using Transmission Electron Microscopy

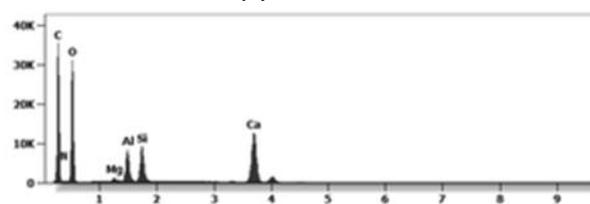


Figure 33 Reveals the Nano Elements of Graphene Oxide and Aluminum Silicate Contained in the Moderna "Vaccine"