

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

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

## 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.** [1] 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.[2] 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.[3]

**Key Words:** SARS, CoV-19, Vaccine, Bioweapon, 5G, Graphene, Graphene Oxide, Graphene Hydroxide, Parasite, Trypanosoma, PEG, Polyethylene Glycol, Nano Dots, rGO, GO, mRNA, Pfizer, Moderna, Astrazenica, Janssen Pharmaceutical, Electron Microscopy, Fluorescence Microscopy, Brightfield Microscopy,

Darkfield Microscopy, Phase Contrast Microscopy, UV Absorbance, Fluorescence Spectroscopy, Transmission Microscopy, Energy Dispersive Spectroscopy, X-ray Diffractometer, Nuclear Magnetic Resonance, Vaccine Ingredients

## **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**

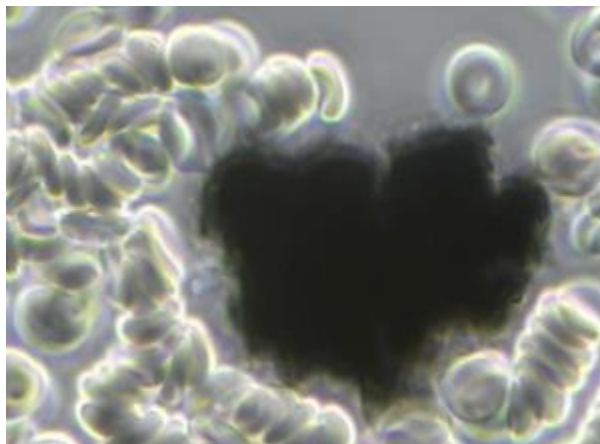
Images of the aqueous fractions of the vaccines were subsequently obtained to visually assess the possible presence of carbon particulates or graphene.

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).[4]

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).[4]

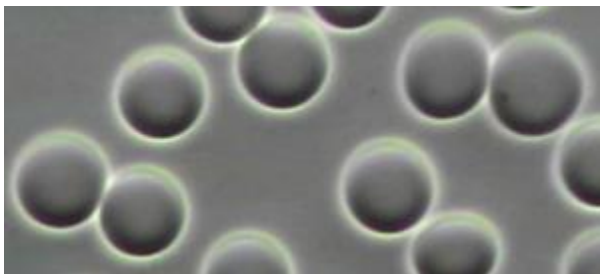
All these laminar objects were widespread in the aqueous fraction of the blood (Figure 1) or vaccine sample (Figures 2 and 3) and no component described by the registered patent can be associated with these sheets. [5][6]

**In Figure 1 You Can See What A Cluster Bomb of Reduced Graphene Oxide (rGO) Looks Like in the Live Unstained Live Blood From the So-Called Pfizer, Moderna, Astrazeneca and Janssen "Vaccines"!**

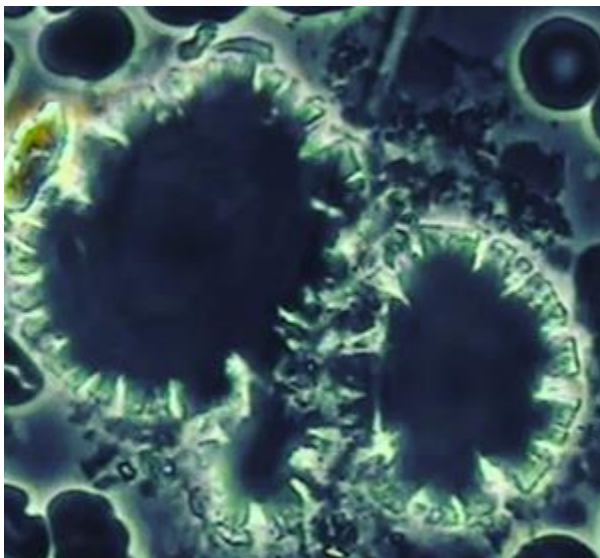


[Figure 1 is a Micrograph of a Carbon Cluster of Reduced Graphene Oxide (rGO or Graphene Hydroxide) Viewed in the Live Unstained Human Blood with pHase Contrast Microscopy at 1500x. Note that the Red Blood Cells are Clotting in and Around the rGO Crystal in a Condition Known as Rouleau! A French Word Which Means to Chain. Dr. Robert O. Young, Profiles in Medical Microscopy, Hikari OmniPublishing, 1987 - 2021][7][8]

## **Normal Healthy Normal Blood 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 reduced graphene oxide or graphene hydroxide crystals center and Orotic acid crystals in the upper right hand corner of the micrograph. Dr. Robert O. Young, Hikari Omni Publishing, September, 2021[7][8]

## Nano and Micro Graphene Tubes Cause Pathological Blood Coagulation Leading to Hypercapnia, Hypoxia and Death[9]



[Figure 1c 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][8][9]

## 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 vial and then viewed separately under Phase Contrast Microscopy at 100x, 600x, 1000x up to 1500x magnification showing anatomical evidence of **reduced Graphene Oxide (rGO) or Graphene Hydroxide** 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

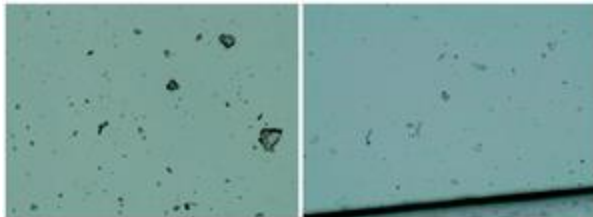
### **[1] The Pfizer "Vaccine" Non-disclosed Ingredients**

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 or Graphene Hydroxide.

On the right of each micrograph, you will view a match from known sources containing GO or Graphene Hydroxide for anatomical validation.

The observations under a pPhase 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 materials as seen below in Figures 1 through 4.



[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 magnification][4][10]



[Figure 2a is a 0.5ml aqueous fraction image from Pfizer vaccine sample viewed under pPhase 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[4][10][11]

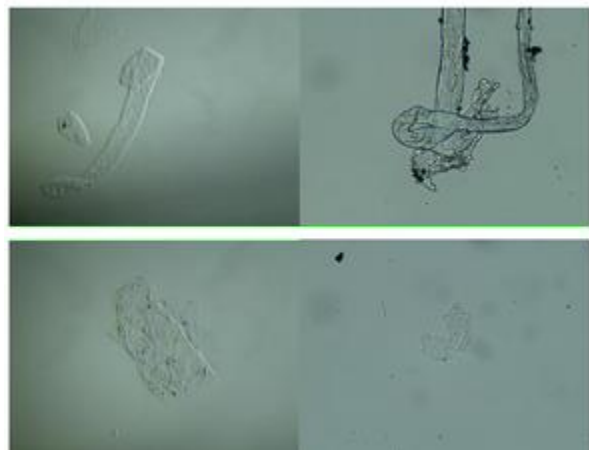




[Figure 2b is a 0.5ml aqueous fraction image from Pfizer vaccine sample viewed under pHase contrast microscopy at 1000x, showing a symplast of graphene oxide (upper left) and an unidentified parasite (lower right). Dr. Robert O. Young, Hikari Omni Publishing, September 11th, 2021[4][10][11]]



[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[4][12]]



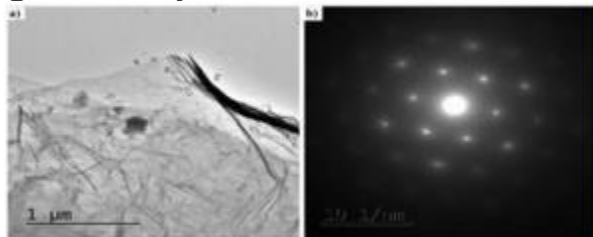
[Figure 3 - Aqueous fraction images containing reduced graphene oxide from Pfizer vaccine sample (left) and sonicated reduced graphene oxide (rGO) standard (right) (Sigma-777684). Optical pHase contrast microscopy, 600X magnification. In addition, the Muestra RD1, La Quinta Columna Report, June 28, 2021; Graphene Oxide Detection in Aqueous Suspension; Delgado Martin, Campra Madrid confirms our findings. <https://cen.acs.org/articles/86/i4/Graphene-Ribbons.html> and <https://cen.acs.org/articles/86/i4/Graphene-Ribbons.html> [13]]



[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.[14]

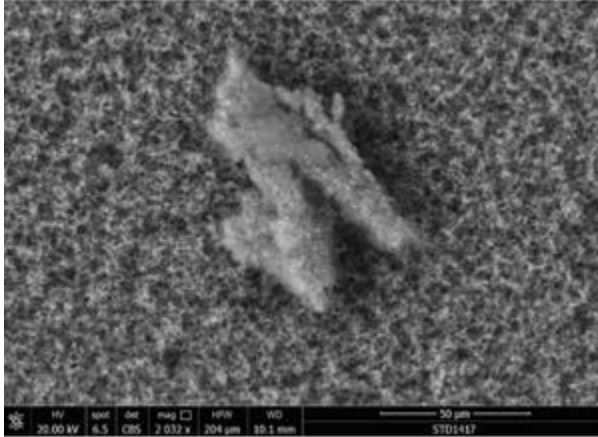
For a definitive identification of graphene by Transmission Electron Microscopy (TEM), it is necessary to complement the observation with the structural characterization by obtaining a characteristic electron diffraction standard sample (as the figure '4a and b' shown below).[15]

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



[Figure (5a) TEM image and (5b) X ray Diffraction Pattern of the Graphene Particles. Matéria (Rio J.) 23 (1) , 2018. Characterization of Reduced Graphene Oxide or Graphene Hydroxide nanosheets obtained by a modified Hummer's method. Renata Hack et al. [15]

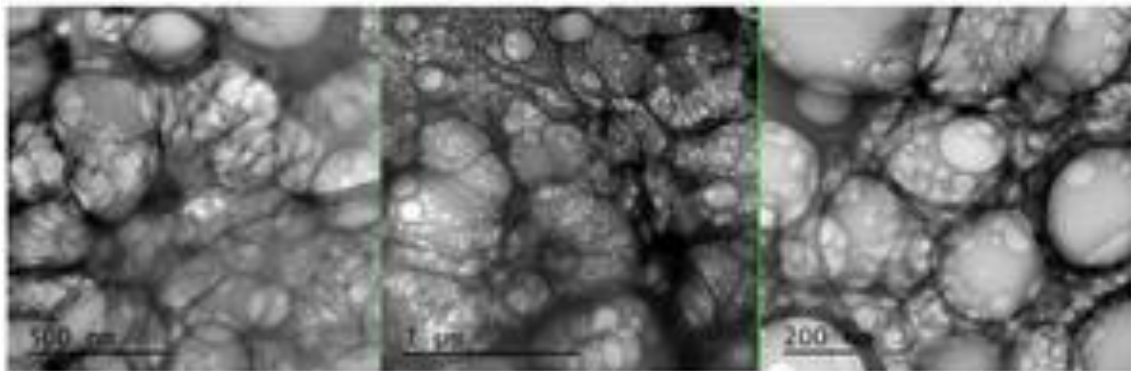
Using Transmission Electron Microscopy (TEM) we observed an intricate matrix or mesh of folded translucent flexible rGO sheets with a mixture of darker multilayer agglomerations and lighter colored of unfolded monolayers as seen in **Figure 6. [16]**



[Figure 6 shows a cluster of reduced graphene oxide or graphene hydroxide nanoparticles in a Pfizer vaccine. They appear to be aggregated.]

The darker linear areas in **Figure 6** appear to be local overlap of sheets and local arrangement of individual sheets in parallel to the electron beam.

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 or Graphene Hydroxide mesh during treatment as seen in **Figure 7.**[16]

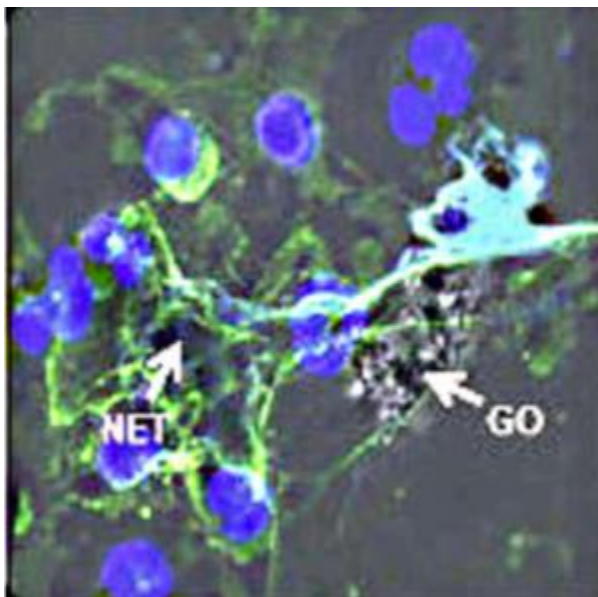


[Figure 7 shows a TEM microscopy observation where particles of reduced graphene oxide or graphene hydroxide in a Pfizer "vaccine" are present. The X-ray diffractometry reveals their nature of crystalline Carbon-based nanoparticles of rGO. This evidence was initially found by Muestra RD1, and published in the La Quinta Columna Report, June 28, 2021; Reduced Graphene Oxide Detection in Aqueous Suspension; Delgado Martin, Campa Madrid and . [13][16]

## **The Immune Response to Dietary, Metabolic, Environmental and Respiratory Acids Including**

## **Inoculated Organic and Inorganic Micro and Nano Particulates From So-Called "Vaccines"**

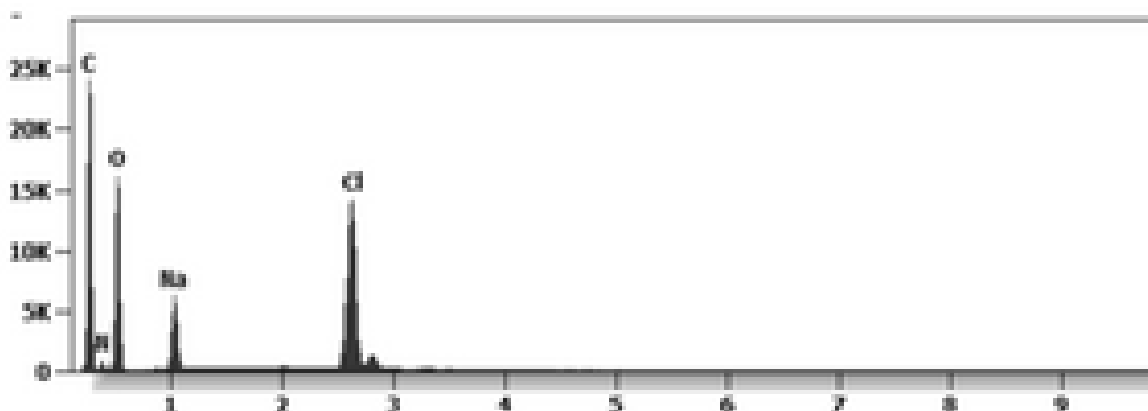
Neutrophils are white blood cells attempting to isolate and then pick up and remove the reduced graphene oxide or graphene hydroxide, a toxic acidic pathogen which was found in all CoV - 2 - 19 so-called "vaccines" as seen in the Dark Field microscopy micrograph below at 1200x magnification!



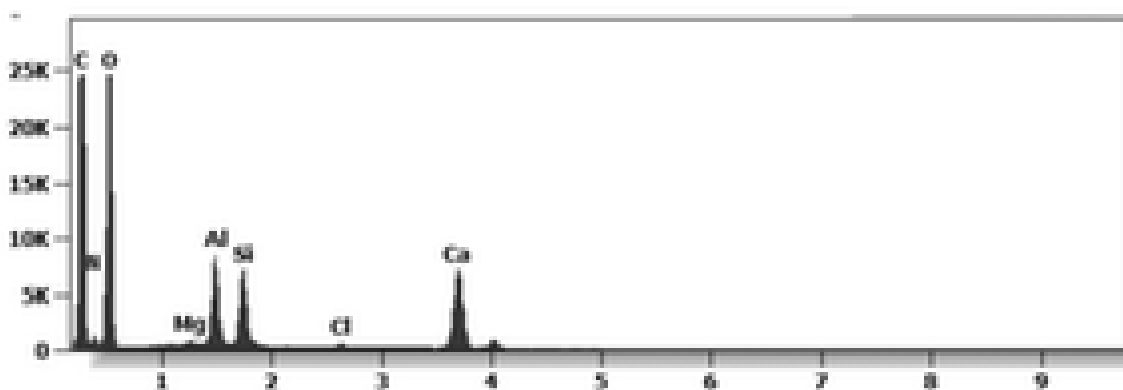
[Figure 8 micrograph above is showing the reduced graphene oxide (rGO) and the poisoning and destruction of the neutrophils (NET - which make up over 60 percent of all white blood cells) which are designed to pick up and eliminate foreign toxic chemical waste and biologicals. The Scientists at Karlinska 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.[17]

## **Energy-Dispersive X-ray Spectroscopy (EDS) Reveals rGO or Graphene Hydroxide in Pfizer Vaccine[16][17][18] [19]**

The Pfizer vaccine liquid fraction was then analyzed for chemical and elemental content using Energy-Dispersive X-ray spectroscopy (*EDS*) as seen in **Figure 9 and 9a**. The EDS spectrum showed the presence of Carbon, Oxygen verifying the rGO or graphene hydroxide elements and Sodium and Chloride since the sample shown in **Figures 2, 2a, 2b, 3, 5a, 5b, & 6** were diluted in a saline solution.



[Figure 9 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.[19]]



[Figure 9a shows he spectrum of a Pfizer “vaccine” nanoparticulate of reduced graphene oxide or graphene hydroxide, magnesium, aluminum, silicon, chloride and calcium identified under an ESEM microscope coupled with an EDS x-ray microprobe. (X axis =KeV, Y axis = Counts)[19]]

## The Quantification of mRNA in the Pfizer Vaccine

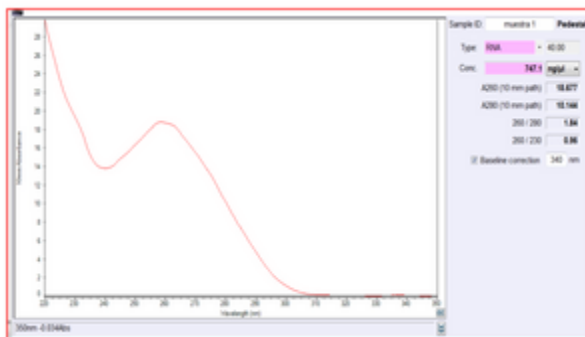
The quantification of RNA in the Pfizer sample was carried out with conventional protocols (Fisher).

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 reduced graphene oxide rGO at 270nm.

According to microscopic images presented here, most of this absorbance might be due to graphene-like sheets, abundant in the fluid's 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.

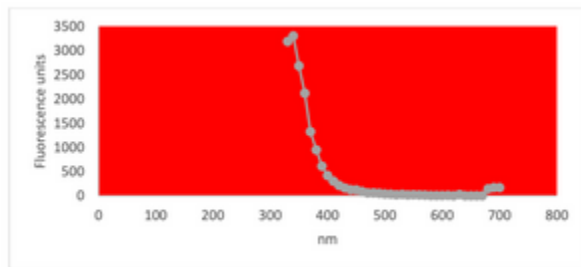


[Figure 10 - UV spectrum of aqueous fraction of Pfizer vaccine sample.]

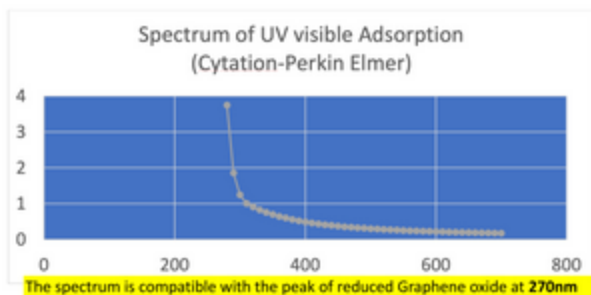
## Ultra Violet Fluorescence Testing of the Pfizer Aqueous Fraction for Reduced Graphene Oxide or Graphene Hydroxide (rGO)[17]

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).[17]



[Figure 11 - 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).[17][19]]

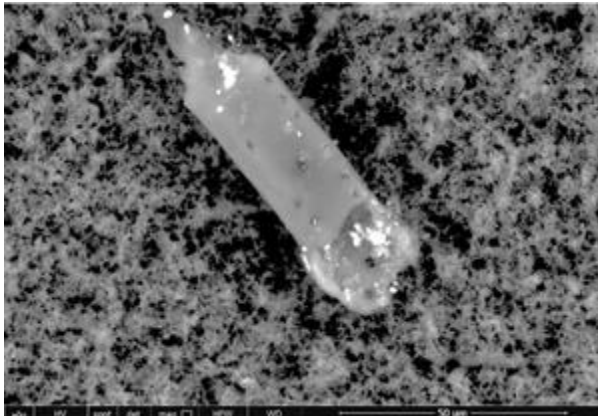


[Figure 12 - The spectroscopy UV analysis showed an adsorption due to the presence of reduced graphene oxide or graphene hydroxide, which is confirmed by observation under ultraviolet visible microscopy.[19]]

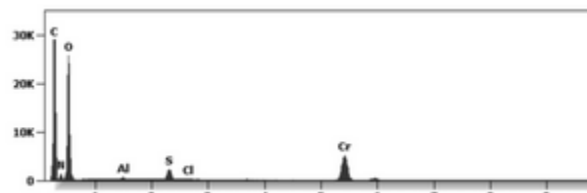
**Figures 13 and 14** below shows a micrograph of different micro and nano particulates which have been identified in the **Pfizer, Moderna, Astrazeneca and Janssen, so-called**



“**vaccines**” and analyzed under an Environmental Scanning Electron Microscope (SEM) coupled with an x-ray microprobe of an Energy Dispersive Spectroscopy (EDS) that reveals the [particle size, composition distribution](#) and chemical nature of the observed micro and nano particulates under observation.



[Figure 13 shows sharp micron debris of 20 um in length identified in the Pfizer so-called “vaccine” containing Carbon, Oxygen Chromium, Sulphur, Aluminum, Chloride, Nitrogen.[20]]



[Figure 14 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.[20]]

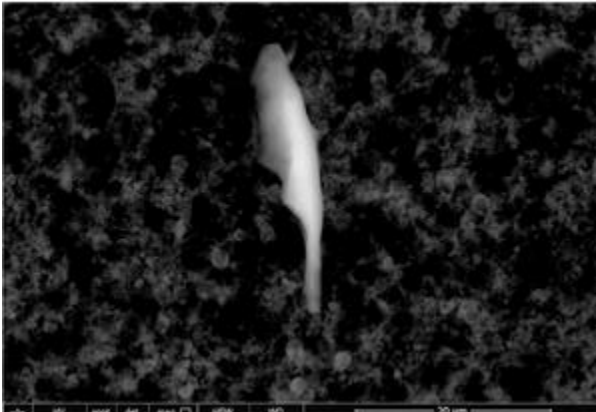
**Figures 15 and 16** below shows a micrograph of different micro and nano particulates which have been identified in the **Pfizer, Moderna, Astrazeneca and Janssen, so-called “vaccines”** and analyzed under an Environmental Scanning Electron Microscope (SEM) coupled with an x-ray microprobe of an Energy Dispersive Spectroscopy (EDS) that reveals the [particle size, composition](#)



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

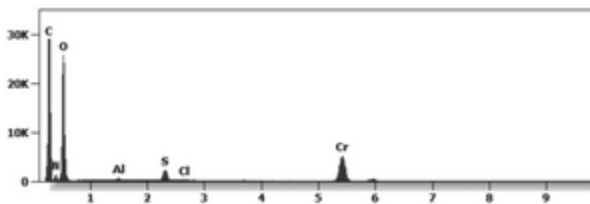
## Are There Parasites in the Pfizer "Vaccines"?

A 50 micron elongated body, as seen in **Figure 15** 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][11]



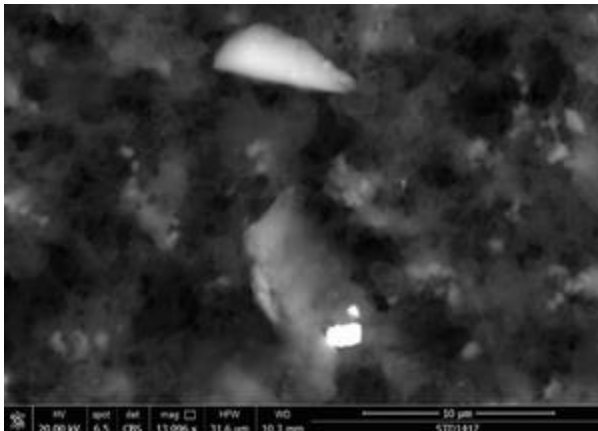
[Figure 15 shows a Trypanosoma Parasite approximately 50 microns in length found in the so-called Pfizer "vaccine". It is composed of carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen.[11]]

**Figure 16** identifies a composition of nano particulates including carbon, oxygen chromium, sulphur, aluminum, chloride and nitrogen also found in the CoV-19 "vaccines".

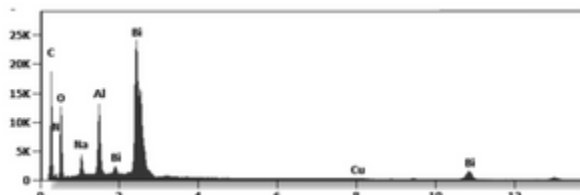


[Figure 16 Identifies a Composite of Nano particulates.]

**Figures 16 and 17** 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 a nanoprobe using Energy Dispersive X-ray Spectroscopy(EDS). (The white 2-micron-long particulate is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.)

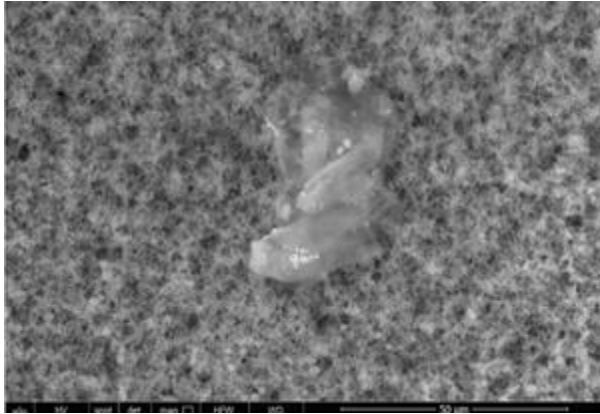


[Figure 16 shows nano and micron particulates identified in the Pfizer “vaccine”. The white 2 micron long particulate is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.]

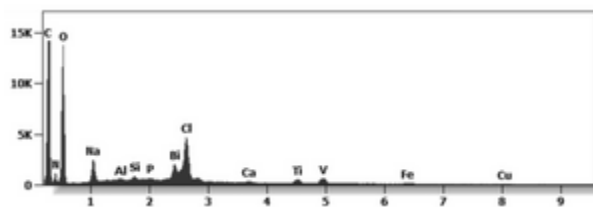


[Figure 17 shows that the white 2 micron particulate found in the so-called Pfizer 'vaccine' is composed of bismuth, carbon, oxygen, aluminum, sodium, copper and nitrogen.]

**Figures 18 and 19** 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.”**



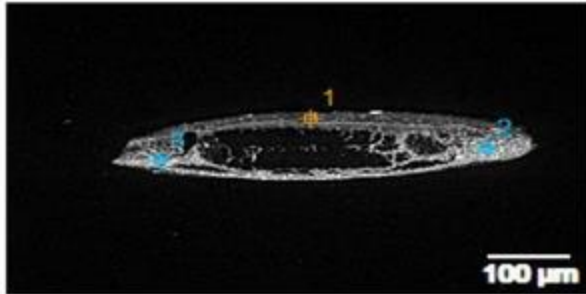
[Figure 18 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer "vaccine!"]



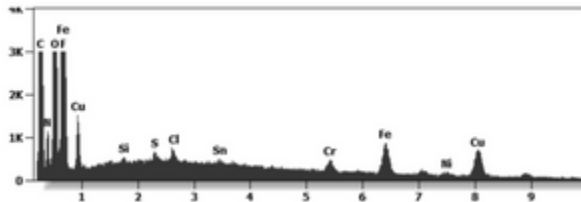
[Figure 19 - shows an organic (Carbon-Oxygen-Nitrogen) aggregate with embedded nanoparticles of bismuth, titanium, vanadium, iron, copper, silicon, aluminum embedded in Pfizer "vaccine!"]

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

**Figures 20, 21 and 22** 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 (EDS) with an x-ray microprobe of an **Energy Dispersive Spectroscopy System** ( that reveals the chemical nature of the observed micro and nano particulates and their morphology.



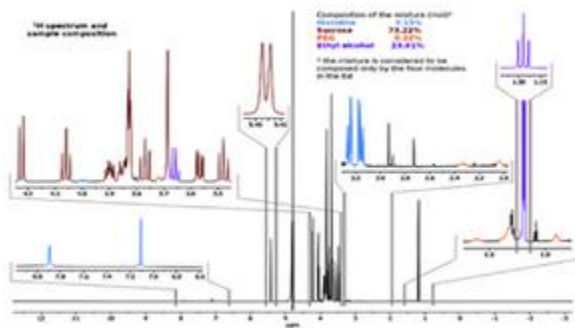
[Figure 20 - Engineered aggregate of iron, chromium and nickel also known as stainless steel.]



[Figure 21 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.]

The XRF (X-ray fluorescence) instrument was used to evaluate the adjuvants in the **Astrazeneca "vaccine"**, which identified the following molecules of histidine, sucrose, **Poly-ethylene glycol (PEG)** and **ethylene alcohol**, also contained in the **Pfizer and Moderna "vaccines"**. The results of this test can be seen in Figure 22.[20]

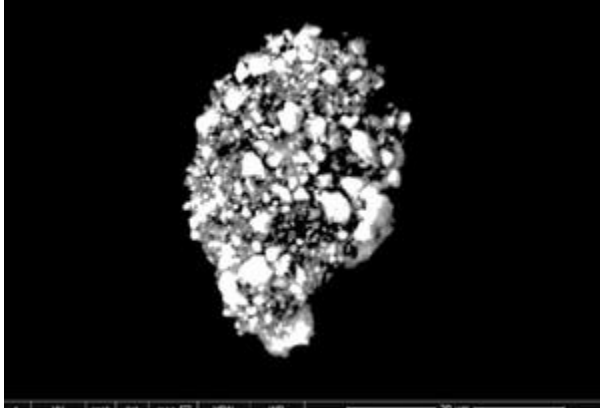
**The injection of PEG and Ethylene alcohol are both known as carcinogenic and genotoxic.[10][83]** PEG was the only adjuvant declared on the data sheet listing the ingredients of the **Astrazeneca "vaccine"** but also contained in the Pfizer and Moderna "vaccines".



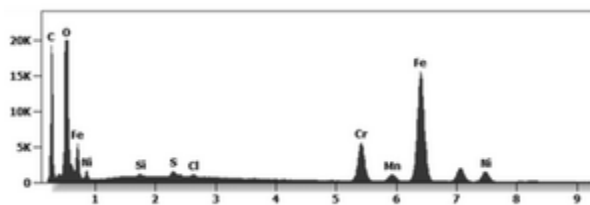
[Figure 22 Identifies the Spectrum of AstraZeneca Vaccine Adjuvants. Different colors are used for the four molecules identified by means of reference spectra. Relative concentration is calculated on integrals of reference signals for molecules in a quantitative spectrum acquired with a duty cycle of 5 seconds with the longest calculated T1 was 5sec.[20]]

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

**Figures 23 and 24** 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.**[10][12]



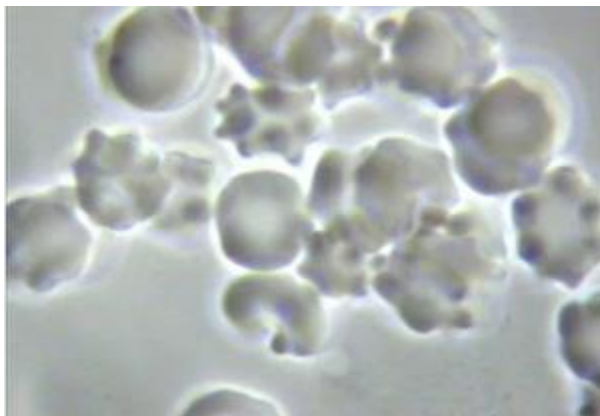
[Figure 23 Shows a Stainless Steel Aggregation of Carbon , Oxygen, Iron and Nickel Held Together With Reduced Graphene Oxide or Graphene Hydroxide.[10][21]]



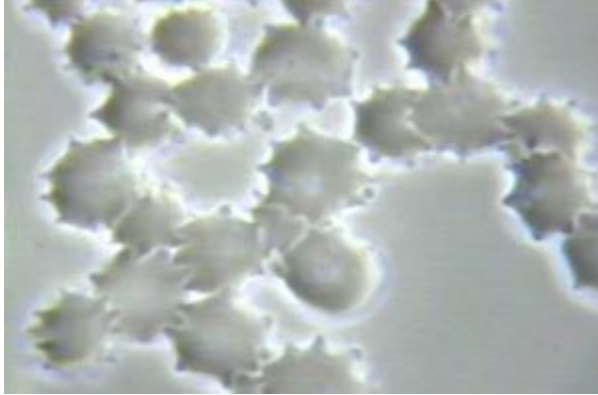
[Figure 24 Shows Elements of of Carbon , Oxygen, Iron and Nickel Held Together With Reduced Graphene Oxide.[10][21]]

## **The Corona Effect and Spike Protein Effect**

**The Endogenously Created "Corona Effect" and "Spike Protein" ARE Caused by Chemical, Parasitical and Radiation Poisoning from Reduced Graphene Oxide or Graphene Hydroxide and Microwave Radiation![21][22]**



[Figure 25 "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. Dr. Robert O. Young, Hikari Omni Publishing, 1987 - 2021.]



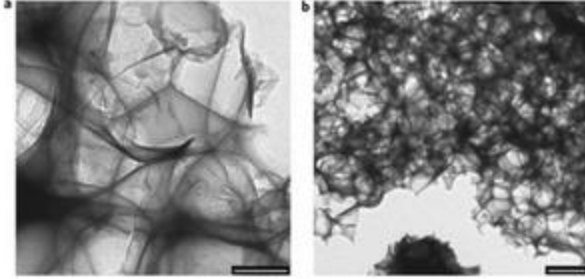
[Figure 26 Shows "The Corona Effect" and the the Endogenous Birth of S1 Protein Spikes Caused by Radiation and Chemical Poisoning or What I Call The "Protein Spiking Effect". Dr. Robert O. Young, Hikari Omni Publishing, 1987 - 2021.]



[Figure 27 This Micrograph Shows the Endogenous Birth of the "Spike Protein" as an Outfection and NOT and Infection! Dr. Robert O. Young, Hikari Omni Publishing , 1987 - 2021,]

## **Nanoparticulates of Reduced Graphene Oxide or Graphene Hydroxide -**

This enables the Reduced Graphene Oxide or Graphene Hydroxide **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.[23]



[Figure 28 shows a Hexagonal 'Smart' Versions of Reduced Graphene Oxide or Graphene Hydroxide Nanobots Found in the Pfizer, Moderna, Astrazeneca, and Janssen Vaccines![23]]

There have been other researchers who have now developed 'smart' versions of these reduced graphene oxide or graphene hydroxide nanobots. These versions feature controllers, sensors, transmitters and clocks.[24]

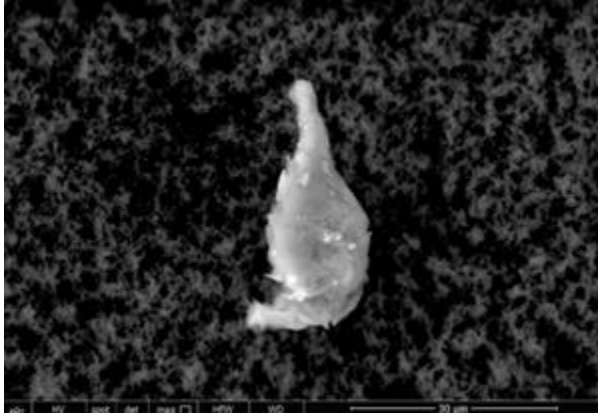
The reduced graphene oxide or graphene hydroxide nanobots are powered by using magnetic fields (EMF) or ultrasound, making it possible for them to travel deeply into the human body tissues, organs and glands (such as the reproductive organs),[27]bone marrow, across the blood-brain barrier and the air-blood barrier of the lungs via the interstitial fluids - the largest organ of the human and animal body called the Interstitium. [24][25][26][27][28]

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

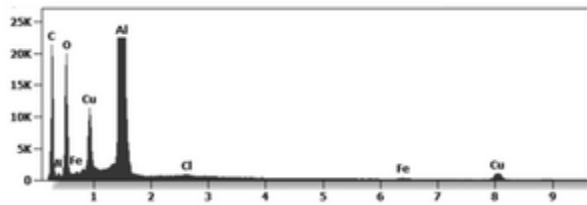
**Figure 29 and 30** identified a mixed entity of organic and inorganic matter contained in the Moderna "vaccine." Transmission Electron Microscopy (TEM) and quantified with an x-ray microprobe of an Energy Dispersive System (EDS) revealed the chemical nature of the observed micro and nano particulates.



**The so-called Moderna "vaccine"** is a carbon-based Reduced Graphene Oxide or Graphene Hydroxide substrate where some nanoparticles are embedded. The nanoparticles are composed of carbon, nitrogen, oxygen, aluminum, copper, iron and chlorine.[22][29]



[Figure 29 Transmission Electron Microscopy Reveals a Reduced Graphene Oxide or Graphene Hydroxide Composite of Embedded Organic and Non-Organic Matter.]

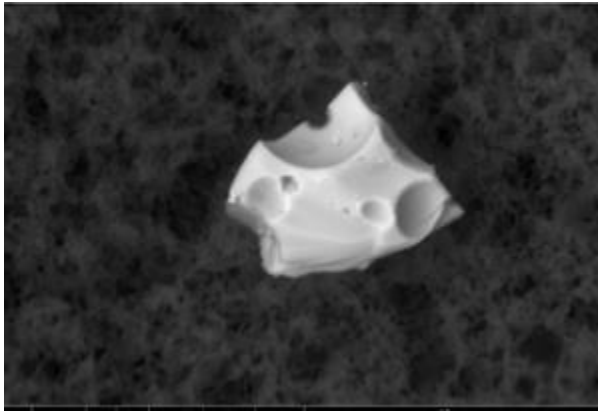


[Figure 30 Reveals Embedded Cytotoxic Nano Particulates.[30][31]]

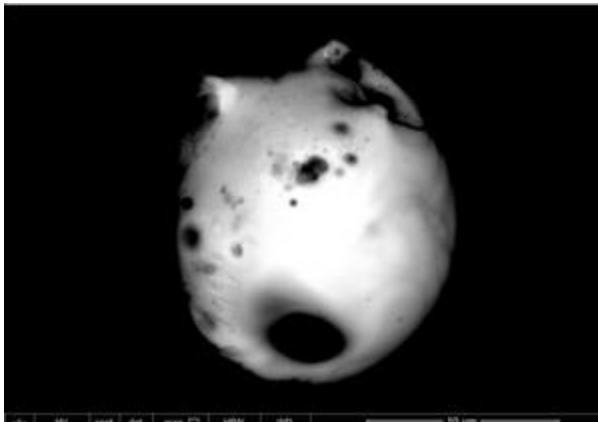
**Figures 31, 32 and 33** shows an analysis which was also performed under Transmission Electron Microscopy (TEM) and quantified with an x-ray microprobe of an Energy Dispersive System (EDS) and revealed the chemical nature of the observed micro and nano particulates. Many foreign bodies were identified with a spherical morphology with some bubble-shaped cavities.

**Figure 31 and 32** shows they are composed of carbon, nitrogen, oxygen, silicon, lead, cadmium, and selenium. This highly toxic nano particulate composition are

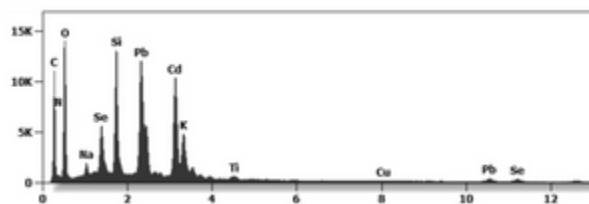
quantum dots of cadmium selenide which are cytotoxic and genotoxic.[32][33]



[Figure 31 Reveals the Nano Dots in the Reduced Graphene Oxide or Graphene Hydroxide Found in the Moderna "Vaccine".[32][33]]



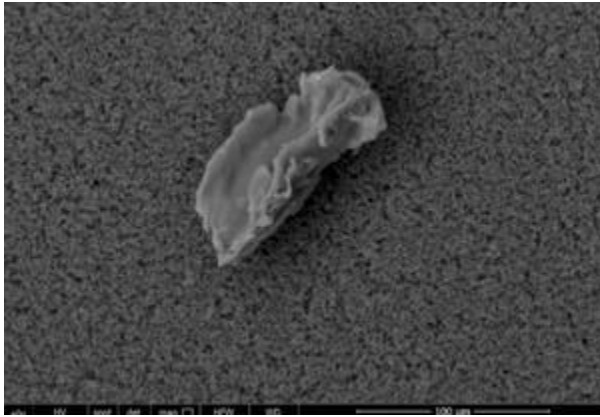
[Figure 32 Reveals the Nano Dots in the Reduced Graphene Oxide or Graphene Hydroxide Found in the Moderna "Vaccine".[32][33]]



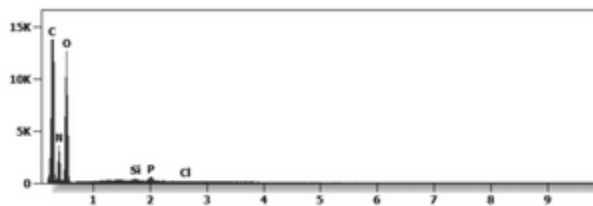
[Figure 33 Reveals the Cytotoxic and Genotoxic Composite of Nano Particulates in Reduced Graphene Oxide and Graphene Hydroxide Found in the Moderna "Vaccine".[30][31]]

**Figures 33 and 34** further analysis of the so-called Moderna "vaccine" showed a 100-micron symplast of reduced graphene oxide nano particulate composite. The rGO or Graphene Hydroxide is composed of carbon and

oxygen with contamination of nano particulates of nitrogen, silicon, phosphorus and chlorine.[30][34]

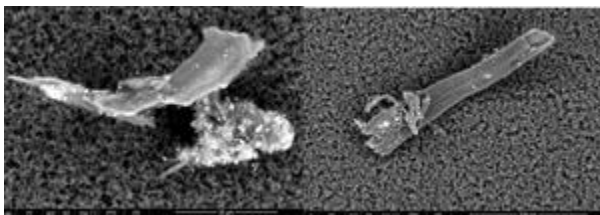


[Figure 33 Transmission Electron Microscopy Reveals a Large 100 micron Symplast Composite of Reduced Graphene Oxide.[30]

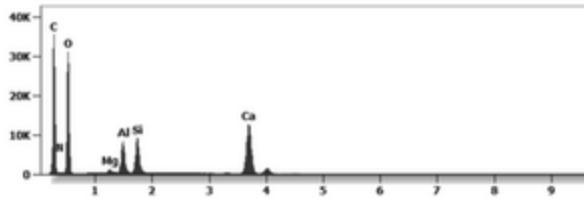


[Figure 34 Reveals the Nano Particulate Complex Contained in the Moderna "Vaccine".[30][31]]

**Figures 35 and 36** show carbon-based reduced graphene oxide or graphene hydroxide entities in the Moderna “vaccine” mixed with aggregates filled with Aluminum silicate nano particulates.[30]



[Figure 35 Reveals a Complex of Reduced Graphene Oxide and Aluminum Silicate Using Transmission Electron Microscopy.[30][31]]



[Figure 36 Reveals the Nano Elements of Reduced Graphene Oxide and Aluminum Silicate Contained in the Moderna "Vaccine".[30][31]

## Discussion

The SARS-CoVid-2-19 pandemic induced the pharmaceutical industries to develop new drugs that they refer to as vaccines.[34]

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 these new so-called vaccines 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 nanotechnological drugs working as a genetic therapy.[35]

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 nanotechnological mechanisms which have never been developed nor experienced by humans anywhere, at any time in the history of World.

All these so-called “vaccines” are patented[36] 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.[7]

This current research study via direct analysis on the 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 and their potential negative effects of these so-called "vaccines".

## **Conclusion**

The Pfizer, Moderna, Astrazeneca and Janssen drugs are **NOT** "vaccines" but complexed Reduced Graphene Oxide or Graphene Hydroxide 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.

The ingredients in these so-called vaccines have been found to be magneticotoxic, cytotoxic and genotoxic to plant, insect, bird, animal and human cell membranes and their genetics which already has led to serious injuries

(estimated at over 500 million) and/or death (estimated at over 35 million).[37][38][39].

## References

[1] Zhao J, Zhao S, Ou J, Zhang J, Lan W, Guan W, Wu X, Yan Y, Zhao W, Wu J, Chodosh J and Zhang Q (2020) COVID-19: Coronavirus Vaccine Development Updates. *Front. Immunol.* 11:602256. doi: 10.3389/fimmu.2020.602256

[2] Ghooi RB. The Nuremberg Code-A critique. *Perspect Clin Res.* 2011;2(2):72-76. doi:10.4103/2229-3485.80371

[3] Rizk JG, Forthal DN, Kalantar-Zadeh K, et al. Expanded access programs, compassionate drug use, and emergency use authorizations during the COVID-19 pandemic. *Drug Discov Today.* 2021;26(2):593-603. doi:[10.1016/j.drudis.2020.11.025](https://doi.org/10.1016/j.drudis.2020.11.025)

[4] Xu et al, (2019) Identification of graphene oxide and its structural features in solvents by optical microscopy, *RSC Adv.*, 9, 18559-18564

1-Extraction RNA Kit

<https://www.fishersci.es/shop/products/ambion-purelink-rna-mini-kit7/10307963>

2- NanoDrop™

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

2000#/ND-2000

3- QUBIT2.0:

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

[ 5 ] Xu L, Xiang J, Liu Y, Xu J, Luo Y, Feng L, Liu Z, Peng R. Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity. *Nanoscale*. 2016 Feb 14;8(6):3785-95. doi: 10.1039/c5nr09208f. Epub 2016 Jan 27. PMID: 26814441.

[6 ] Xu L, Xiang J, Liu Y, Xu J, Luo Y, Feng L, Liu Z, Peng R., "**Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity. *Nanoscale***." 2016 Feb 14;8(6):3785-95. doi: 10.1039/c5nr09208f. Epub 2016 Jan 27. PMID: 26814441.

[7 ] Ou, L., Song, B., Liang, H. *et al*. Toxicity of graphene-family nanoparticles: a general review of the origins and mechanisms. *Part Fibre Toxicol*13, 57 (2016).  
<https://doi.org/10.1186/s12989-016-0168-y>

[8] Young RO, Migalko G (2020) "*What Causes Oxygen Deprivation of the Blood(DIC) and Then Lungs(SARS - CoV 2 & 19)?*". *Integ Mol Bio Biotechnol* 1: 001-007.

[9 ] Young RO (2016) Pathological Blood Coagulation and the Mycotoxic Oxidative Stress Test (MOST). *Int J*

Vaccines Vaccin 2(6): 00048. DOI:  
[10.15406/ijvv.2016.02.00048](https://doi.org/10.15406/ijvv.2016.02.00048)

[10] Ou, L., Song, B., Liang, H. *et al.* "Toxicity of graphene-family nanoparticles: a general review of the origins and mechanisms." *Part Fibre Toxicol* **13**, 57 (2016).  
<https://doi.org/10.1186/s12989-016-0168-y>

[11] **Atlas of Human Parasitology, 4th Edition, Lawrence Ash and Thomas Orithel, pages 174 to 178**

[12 ] "Graphene Ribbons Show Promise as Semiconductors", Volume 86, Issue 3, Chemical and Engineering News, [Bethany Halford](#), Volume 86, Issue 4, January 28th, 2008.  
<https://cen.acs.org/articles/86/i4/Graphene-Ribbons.html>

[13 ] Muestra RD1, La Quinta Columna Report, June 28, 2021; Graphene Oxide Detection in Aqueous Suspension; Delgado Martin, Campra Madrid.

[14] Bilek, G., Matscheko, N. M., Pickl-Herk, A., Weiss, V. U., Subirats, X., Kenndler, E., & Blaas, D. (2011). Liposomal nanocontainers as models for viral infection: monitoring viral genomic RNA transfer through lipid membranes. *Journal of virology*, *85*(16), 8368–8375.  
<https://doi.org/10.1128/JVI.00329-11>

[15] Renata, H., Cláudia, H., Ricardo, A. Z., Sérgio, H. P. (2018). Characterization of graphene nanosheets



obtained a modified Hummer's method. *RevistaMateria*, Vol. 23, No. 01. <https://doi.org/10.1590/S1517-707620170001.0324>

[16 ] Kim et al, Seeing graphene-based sheets, *Materials Today*, Volume 13, Issue 3,2010,Pages 28- 38,ISSN 1369-7021,[https://doi.org/10.1016/S1369-7021\(10\)70031-6](https://doi.org/10.1016/S1369-7021(10)70031-6)

[17 ] Bano, I. et al , 2019. Exploring the fluorescence properties of reduced graphene oxide with tunable device performance, *Diamond and Related Materials*, Volume 94,59-64,ISSN 0925-9635,<https://doi.org/10.1016/j.diamond.2019.02.021>

[18 ] Biroju, Ravi & Narayanan, Tharangattu & Vineesh, Thazhe Veetil. (2018). New advances in 2D electrochemistry—Catalysis and Sensing. [10.1201/9781315152042-7](https://doi.org/10.1201/9781315152042-7).

[19] Lai, Q., Zhu, S., Xueping, L., Min, Z. & Shuanghua, H., (2012). Ultraviolet-visible spectroscopy of graphene oxides, *AIP Advances*.  
<https://doi.org/10.1063/1.4747817>

[20] Mano, S.S.; Kanehira, K.; Sonezaki, S.; Taniguchi, A. Effect of Polyethylene Glycol Modification of TiO<sub>2</sub> Nanoparticles on Cytotoxicity and Gene Expressions in Human Cell Lines. *Int. J. Mol. Sci.* **2012**, *13*, 3703-3717.  
<https://doi.org/10.3390/ijms13033703>

[21] Young, RO, "The Effects of ElectroMagnetic Frequencies (EMF) on the Blood and Biological Terrain." <https://www.drrobertyoung.com/post/the-effects-electromagnet-frequencies-on-the-blood-and-biological-terrain>

[22] Lieber, Charles 66 patents which are being used as scaffolds and wires and nanosensors and semiconductors in all vaccines as described here: <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=PTT>

[23] [Ana V. Vujačić Nikezić, Aleksandra M. Bondžić, Vesna M. Vasić, \(2020\). Drug delivery systems based on nanoparticles and related nanostructures, European Journal of Pharmaceutical Sciences. Volume 151,105412, ISSN 0928-0987. https://doi.org/10.1016/j.ejps.2020.105412.](#)

[24] "Graphene Ribbons Show Promise as Semiconductors", Volume 86, Issue 3, Chemical and Engineering News, [Bethany Halford](#), Volume 86, Issue 4, January 28th, 2008. <https://cen.acs.org/articles/86/i4/Graphene-Ribbons.html>

[25] Ou, L., Song, B., Liang, H. *et al.* Toxicity of graphene-family nanoparticles: a general review of the origins and mechanisms. *Part Fibre Toxicol* **13**, 57 (2016).  
<https://doi.org/10.1186/s12989-016-0168-y>

[26] Wei Jiang, Ying-Ying Yang, An-Bang Guo, Study on magnetic properties of a nano-graphene bilayer, *Carbon*, Volume 95, 2015, Pages 190-198, SSN 0008-6223 -  
<https://doi.org/10.1016/j.carbon.2015.07.097>. (<https://www.sciencedirect.com/science/article/pii/S0008622315301159>)

[27] Can nanomaterials induce reproductive toxicity in male mammals? A historical and critical review -  
<https://www.sciencedirect.com/science/article/abs/pii/S0048969720378852>

[28] Nujiang Tang, Tao Tang, Hongzhe Pan, Yuanyuan Sun, Jie Chen, Youwei Du, Chapter 6 - "Magnetic properties of graphene," Editor(s): Wenqing Liu, Yongbing Xu, In *Materials Today, Spintronic 2D Materials*, Elsevier, 2020, Pages 137-161, ISBN 9780081021545 -  
<https://www.sciencedirect.com/science/article/pii/B9780081021545000059>

[29] Gatti AM, Manti A, Valentini L, Montanari S, Gobbi P, et al. (2016) Nano biointeraction of particulate matter in the blood circulation. *Frontiers* 30: 3.

[30] Ivask, Angela et al. **“Toxicity of 11 Metal Oxide Nanoparticles to Three Mammalian Cell Types <i>In**

**V.itro**." Current Topics in Medicinal Chemistry 15.18 (2015): 1914–1929. Web.

[31] Elisa Moschini, Maurizio Gualtieri, Miriam Colombo, Umberto Fascio, Marina Camatini, Paride Mantecca, "The modality of cell–particle interactions drives the toxicity of nanosized CuO and TiO<sub>2</sub> in human alveolar epithelial cells." *Toxicology Letters*, 222 (2013) 102–116.

[https://www.academia.edu/13627621/The\\_modality\\_of\\_cell\\_particle\\_interactions\\_drives\\_the\\_toxicity\\_of\\_nanosized\\_CuO\\_and\\_TiO<sub>2</sub>\\_in\\_human\\_alveolar\\_epithelial\\_cells?email\\_work\\_card=view-paper](https://www.academia.edu/13627621/The_modality_of_cell_particle_interactions_drives_the_toxicity_of_nanosized_CuO_and_TiO2_in_human_alveolar_epithelial_cells?email_work_card=view-paper)

[32] Nikazar, S., Sivasankarapillai, V.S., Rahdar, A. *et al.* Revisiting the cytotoxicity of quantum dots: an in-depth overview. *Biophys Rev* **12**, 703–718 (2020).  
<https://doi.org/10.1007/s12551-020-00653-0>.

[33] Ritesh Banerjee, Priya Goswami, Manoswini Chakrabarti, Debolina Chakraborty, Amitava Mukherjee, Anita Mukherjee, Cadmium selenide (CdSe) quantum dots cause genotoxicity and oxidative stress in *Allium cepa* plants, *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*, Volume 865, 2021, 503338, ISSN 1383-5718,  
<https://doi.org/10.1016/j.mrgentox.2021.503338>.

[34] Wanjun Cao, Lin He, Weidong Cao, Xiaobing Huang, Kun Jia, Jingying Dai, Recent progress of graphene oxide as a potential vaccine carrier and adjuvant, *Acta*

Biomaterialia, Volume 112, 2020, Pages 14-28, ISSN 1742-7061, <https://doi.org/10.1016/j.actbio.2020.06.009>. (<https://www.sciencedirect.com/science/article/pii/S1742706120303305>)

[35] Zhang L, Richards A, Khalil A, Wogram E, Ma H, Young RA, Jaenisch R. SARS-CoV-2 RNA reverse-transcribed and integrated into the human genome. bioRxiv [Preprint]. 2020 Dec 13:2020.12.12.422516. doi: 10.1101/2020.12.12.422516. PMID: 33330870; PMCID: PMC7743078.

[36] Nano coronavirus recombinant vaccine taking graphene oxide as carrier - Patent  
<https://patents.google.com/patent/CN112220919A/en>

[37] Concise Encyclopedia of Composite Materials, ed. Anthony Kelly, MIT Press, 1989, [ISBN0-262-11145-4](#)

[38] L. Harivardhan Reddy, José L. Arias, Julien Nicolas, and Patrick Couvreur, "Magnetic Nanoparticles: Design and Characterization, Toxicity and Biocompatibility, Pharmaceutical and Biomedical Applications." Chemical Reviews **2012** *112* (11), 5818-5878 DOI: 10.1021/cr300068p

[39] US Dpt of health and human services (1996) Report Update: Vaccine Side Effects, Adverse Reactions, Contraindications, and Precautions. CDC 45(RR-12): 1-35.