

## The Predictability Sars-Cov-2 “Coronavirus” And Thrombosis.

**First publication March 26, 2020: If the contagions of COVID-19 will approach more and more to the curve the genetic mutation MTHFR, the most affected are Italy, United States, Hispanic, Canada to follow France, Great Britain, Australia, Japan, etc., the last in the queue, Germany. United states of color, Africa Sub-Saharan africa, confirming the correlation between MTHFR and Viruses.**

With each passing day and the arrival of data from every Nation on COVID-19, they approach more and more the chart of the study carried out on the genetic mutation MTHFR in relation to races in the world, study made from the Johns Hopkins school University of Medicine, section of hygiene and public health, published in 2000 in the journal American of Epidemiology. The study involved the enzyme 5,10-methylenetetrahydrofolate reductase (MTHFR) is involved in the folate metabolism. The gene MTHFR is located on chromosome 1 (1p36.3) described two alleles more designed for the health, the allele of the C677T and the A1298C allele. In the study, through a variety of charts, you shows the frequency of the population as a carrier of the mutation mentioned. Its presence does not allows the absorption of folate. In a few words any nutritional supplement do, the enzyme MTHFR fails to convert to the active form of the folate, because they can be made active to because of the same. (The mutation is also present in the panel the gene pool of the Thrombophilia). In the field there are several texts, which reveals many other common diseases: diabetes, hypertension, cardiovascular and circulatory, hatred and joints, depression, etc. There are different correlations with the COVID-19 (for example: in women it seems that the virus takes root with less ease, perhaps because during her life she has always increased folic acid, vitamin D, Vitamin C for a variety of motivation and during pregnancy to avoid the hazard the iperomocisteina or that of thrombosis in the placenta, etc.

Homocysteine (HcY), a silent killer and underestimated, first isolated from the urine in 1933 by Buts de Vigneaud in 1955, he received the nobel prize for biochemistry. It is a metabolite intermediate very responsive to the catabolism of methionine, an essential amino acid containing sulfur introduced through the intake of foods such as meat, dairy products, legumes and eggs.

In 1969, dr. Kilmer McCully, described the vascular pathology in patients with Homocystinuria, showing for the first time tHHcy was a probable cause for the disease vascular. For the professionals, it is easy to see and read about these correlations they can improve in every direction, that the situation of emergency for COVID-19, and perhaps save lives human, increasing the barriers of defense, not only to those who have this mutation, which does not they know, but also to d other. This mutation could be the breeding ground for COVID-19, view the the curve of the study that matches with more and more data is pandemic in the increase. The percentage that you based always in relation to the race, could also touch the 50% of the population, a higher significant too, we see in the region for the region of the Italian between the North and the South, shown in the cited study on the mutation.

The introduction of folic acid active ingredient in the formula N5-methyltetrahydrofolate Calcium or L-5-MTHFR are the formulas of the active beneficial, unlike other types of folate, which in this case is not can go and be converted. Folic acid is the active combined with the Vitamin C and also primarily to Glutathione, which is a nutrient for the immune system to produce t-cells and block the free radicals, they overcome the block in the Krebs cycle, creating a bridge, this block is hindered further, even by heavy metals (Cadmium, Lead, Mercury, Aluminum) because environmental pollution, which aggravate the whole situation even in individuals without the mutation linked to the proliferation of the various diseases mentioned until you get to the events in cancer. Also the environmental factor, mentioned/linked to the COVID-19 adds a piece of the puzzle thesis. Then these three elements not only stimulate the Krebs cycle, but detoxify as the person by the radicals free and heavy metals. The pharmaceutical composition is exposed to, it already exists in the Italian pharmacopoeia, but no one until now has ever related in such a comprehensive manner the whole, as by knowing the door where it catches the virus can play in advance to try to reduce the spread.

Other data that arrives is that the various drugs, even those more common as the paracetamol, aspirin, derivatives, corticosteroids, Bronchodilators, Calcium antagonists, Anti-inflammatory, Antidepressant and SSRI Drugs Anti-Ulcer, Antibiotics of different kind, the list is long, taking away from the various vitamins and particulor so Vitamin D, Vitamin C, Folic Acid, Glutathione. (All the side effects are always highlighted in the leaflets), The Folic acid is not toxic to humans even if taken at doses much higher than therapeutic. (bollettivo year XI - No. 2 2004 - AIFA). "Precise again that the folic acid for those who have the mutation MTHFR to get the right one is the one the active and not the other for direct experience". This means that along with the various medicines to help

patients from COVID-19 need, probably, a supplementation of folic acid, the ACTIVE formula N5-methyltetrahydrofolate Calcium or L-5 - MTHFR , Vitamin C, Glutathione, Vitamin D, etc., In so the doctors while doing all that is possible with the means available, to lower the temperature, inflammation, should not have to feel bad because they are not able to save the person and after a few hours she died. All items collected were entered into an algorithm predictive, called the Theory of Codes, to find how the virus accesses and attacks the cells of the human browse to the land of engraftment of COVID-19, the results of algorithmic lead to MTHFR.

## ADDITIONAL CORRELATIONS

With reference to the study published in The Lancet, in which we highlight the value of high-level blood D-Dimer greater than 1 µg/mL. (a marker for coagulation), and are found in different subjects positive for COVID-19 with problems of coagulation in the blood inpatients at hospitals Wuhan, China. The D-dimer is one of the protein fragments produced following the breakdown of the blood clots in the body. Normally is not detectable unless you are going formations resulting from the degradation of blood clots. In these cases, the amount of D-dimer present within the bloodstream may increase. The homocysteine in the blood and in the urine can be free, in the form of a dimer or bound to the protein. Other elements encountered are: the increase of the lymphocytes. The lymphocytes produce immunoglobulins (antibodies), or toxins to induce the destruction of the bacterial cells or the cells that are recognized as foreign to the body (activity called cytotoxic- killer). They can also produce molecules (cytokines or interleukins) that stimulate the activation and the proliferation of other lymphocytes or recall in the site of infection to other cells involved in the response immune responses such as macrophages or neutrophils. The increase of the interleukin-6/(IL-6) is the biomarker for chronic diseases, including viral infections, bacterial, hematologic malignancies, inflammatory disorders chronic hypersensitivity in respect of drugs, etc ..

Viral infections->inflammatory diseases->Interleukin-6->genetic Mutation is a G-634C-G-174C Furthermore, it has been found also the increase in the concentration of Tropina I high sensitivity (marker for the infarct). The Tropina: protein with high molecular weight consisting of three subunits (TnC, TnT, TnI). The TnC is localized in skeletal and cardiac muscle, and is appointed to bind calcium ions; the TnT, with function binding Tropomyosin, and the TnI with the function of inhibitory, are exclusively present in the cardiac muscle, representing the markers are more sensitive and specific for the recognition of the damage infarction. All of these elements were common in serious illness from COVID-19, evaluated before the 31 January at chinese hospitals, differences emerged between those healed and those who died. In the light of these data, linked to mutations in MTHFR, etc., the increased mortality may be due, in those who you have inherited one or more mutations never highlighted before. Of facts, it has no specific symptoms for itself, but it causes many diseases, the doctors, for the most part, do not even know of such correlations, linked to different pathologies, and not all can achieve correlations logic of the predictability mathematical basis of the canvas Theory.

The examination of the D-Dimer assay is performed in particular cases: when a young woman is treated with contraceptives, when a sick person, we speculate thrombosis or embolism, when you have difficulty severe breathing with a strong cough, symptoms reminiscent of pulmonary embolism, but also in the presence infection by Coronavirus, and it is here that you clicked the link (in relation to homocysteine and related pathologies).

## INSIGHTS

In the times that are far off from the CORONA VIRUS I was investigating, and disseminating scientific information studies done on the importance of the genetic mutations, the immune system, the natural vitamins appropriate, related to different pathologies. With the advent of COVID-19, as the news and the events are presented to valid ones were filtered, by using the item correlated, put along with all the other possible. All items collected were compared, coming to a thesis that tends to a mathematical expectation. Thanks to the use of a new algorithm, predictive, named Theory of Codes, it has been possible to match the various elements processed, going more and more to tighten the field, to find how the virus accesses and attacks the cells of man, through the algorithm mentioned in the form of calculation and not in the form of statistics, comparing them to scientific studies collected, in order to track a hypothesis, a relationship, fashion, between the various reports, which at first sight does not showed no correlation with the COVID-19 to locate the access, the land of engraftment, its virulence, man. The search for predictive, as specified, has provided a single link: the mutation genetics known as MTHFR, where the COVID-19 attaches at the genetic level and kills. To proof that everything matches, with elements drawn from scientific research, consolidated, but that no one has thought to correlate them with a mathematical function, never before created or discovered. And well, it has been said that women are less affected by the virus, the motivation is that the woman is using most of the folic acid during pregnancy is essential for the genetic mutation MTHFR, protecting her and the child that is being born. Other

