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The Interaction between BR-II Artificial Blood and Human Blood

(1) Our Company Brown Rockaweil hopes to recommend the feasibility and reliability of our artificial blood to enterprises of various countries in a clicking and abstract way, so that practitioners can develop to their heart's content their expertises and capabilities to start the interaction between artificial blood and human blood, either in clinical tests or in surgical rooms in the next 15 years.

Man as the spirit of all things on earth, is born from the mother's body, both male and female possess perfect limbs and organs, brain and blood. In concert with the five elements between heaven and earth, the convenience of water and air, living on vegetables, fruits and livestock, mankind have survived and propagated on this great earth.

Entering the 21st Century, with thriving sciences and technologies in our world today, many talented individuals have emerged; they have brought people, as well as countries, closer together, through space navigation and the internet; various new things and ideals have been achieved through selflessness in the same dimension and epoch. In the future, man will realize the ideal "from each according to his ability, to each according to his needs", including all things in the oceans. Man will remould traditions and surpass limits, for example, mankind have made robots, cloned human beings, including all sorts of human organs. As Prof. Arte'la from the University of Wilkes, USA, put it: through spongy membranes and stem cells, man can reproduce human ear, nose, cartilage, joint, skin, blood vessel, artificial heart valve, etc...

You and I may be poor in money and short of food because we can make up for these afterwards. However, we cannot live without air and blood. Blood enlightens our brain and creates selflessness, just as a country cannot become powerful if its treasury has no money. In our body, blood is a river in which water flows incessantly. Man will die if the river water dries up. When blood is contaminated, man may fall ill, lose immunity and his metabolism may fail to function. As a result, two-thirds of the total people who have fallen ill may die of tubercolosis, cancer, diabetes and heart disease every year around the world.

These four major killers need to be dealt with a lot of blood. From now on until 2040, if the medical circles cannot defeat these four scourges, the global economy will suffer a loss of 35 trillion dollars (note: this figure was announced by Associated Press in June this year).

Man's blood belongs to each individual. Under personal protection, man's organs and blood cannot be bought or sold in private. Man's blood groups are divided into types A, B, AB and O, and fall into two major categories "co-ordinate" and "exclusive", thereby making blood more precious. Blood taking is conducted for determining the levels of acidity and alkalinity, the balance of free-radicals, and the degree of injury caused by germs, while blood transfusion is to supply the patient with immunity and vitality, the two are totally different in nature.

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(2) What is artificial blood? Where is it from? For the answer, please refer to the following data:

(a) Prof. Clark and Prof. Gollan from the Univerisity of Cincinati, USA finally found the key to manufacturing artificial blood after more than 30 long years of research from 1933 to 1966. They are the originators of carbon fluoride compound. For a long time, they were not able to get perfect results after carrying out various animal tests. Finally, they found that the sediment could cause harmful reactions such as chronic poisoning and blood vessel blockage, subsequently ending in failure and giving up. This is an event deserving our recollection.

(b) In 1976, Japanese scientists took over the clubs left by the Americans, and carried out hard and extensive work for improvement. The Green Cross Pharmaceutical Company of Japan led by Uchinado Rioshi finally achieved success in R&D: a medicinal liquid could be injected into the human body (from 50cc to 1000cc) without producing any side-effects, and patients were able to survive. The FLUCSOL-DA arificial blood could not possess leucocytes, platelets, germs resistance and immunity. This was its deficiency. This product is officially sold in the market and is recognized by the world medical circles. It was unveiled on 2 April 1979 and assumes white in colour. (See picture 1)

(c) On 30 August 1980, closely following the Japanese R&D of carbon fluoride compound, China's Shanghai Organic Institute and Third Military Medical University made carbon fluoride artificial blood a success and ascended to the second position in world reputation. Its capacity of carrying oxygen is twice that of blood, but has no division of blood groups. It can be manufactured in batches in factories. It has no function in carrying oxygen, and can only be used to replenish excessive loss of blood and applied on burned victims, with very high survival rate.

(d) Artificial blood can also be made with stem cells. This is an event starting since 2005. Its promising development and prospect are waiting for ample verification by various countries. Its market price is now $400 per 200g, or $2000 per kg. It can be the basis for developing human blood, and its effect remains to be verified. (Note: stem cells come from placenta).

(3) BR-II places emphasis on the activation and propagation of red and white blood cells. Every month it produces 40 litres each of blood groups A, B, AB and O similar to human blood. Its liquid assumes bright red. This is what we adhere to. Its manufacturing expenses are lower than stem cells costs, but its effects are better than FLUCSOL-DA. It will meet the needs of all patients of chronic diseases, especially patients of kidney failure. DRAWING 1 OF 2

(4) Important clues and breakthroughs: Can we breed artificial blood from a simple organic alga? Yes, with very strong vitality, seaweed can survive in burning hot deserts. It contains large quantities of protein, iron, vitamins A, B, C, D and K needed by man,

potassium, sodium, magnesium, minerals, ß-carotene and fat, chlorophyll, amino acids and anti-oxidants. It possesses blood-making hormones, protecting red and white blood cells, with regenerating and reproducing functions, hence it is man's life partner, and a good helper to resist senile dementia, cancer, diabetes and heart disease.

(5) How to determine the feasibility of artificial blood:

First step: specially select quality salt water blue green algae, clean off mud, kill germs with ozone, grind into liquid form, stimulate it through magnetic field and ultraviolet ray to undergo split of human monocells.

Blue green algae can split itself three times a day, one single monocell can split into 2, 4, 16, 256 up to a colony of one billion. Its blue green protein is accepted by bilirubin in the human body, and is called pyrrole ring in medicine.

Second step: Add the abovementioned thin mucilage into glucose, with small quantities of white wine, Omega and fish gelatin, ferment in a room with 35° C temperature, take it out after 7 days, separate it from toxin and harmful substances with a NANO silk net, and it becomes initial stage blood or "artificial blood", assuming blue green in thin mucilage form. (See picture 1).

Third step, also a decisive step: mix 400cc of blood donated by a healthy person with 600cc of the first and second algae proteins (note: these pigments contain abundant chlorophyll, oxygen and iron needed by the human body), and then place the blood in a cultivater in a freezing room with 15° C temperature, turn it in low speed, stir it, and after preserving fresh for 48 hours, it can be tested through smear to confirm it can enhance the nutrients of various human organs and the speed of metabolism, and even dilate blood vessels, regulate too fast or too slow palpitation and nerve impulse. It also strengthens the kidneys, regulates marrow cells, and makes new red and white cells. The best witness: human blood (refering here to red blood cells), before adding in amino acids and blue algae protein, can only survive for 50 to 80 days. After adding in new artificial blood, it can maintain half year survival rate outside the human body. These are our arguments and grounds about the interaction between artificial blood and human blood. DRAWING 2 OF 2

(6) Enlightenment: 1000kg of dry blue green algae or AFA can absorb 450kg of carbon, and dilute 1200kg of oxygen in water, hence it is an oxygen-making expert in the natural world. It supplies 90% of oxygen for our earth, and the remaining 10% is supplied by plants. (Based on a news report by Robert Han Rickson, president of Earthrise Corporation). Meanwhile, BR-II urges all scientific and research talents and institutions of higher learning participating in the project of "Interaction Between Artificial Blood and Human Blood" to strive with full speed in their R&D for developing blue algae protein synthetic artificial blood possessing human platelets and white blood cell antibody and capable of fully carrying oxygen, so as to push artificial blood to a peak position.

Kho Soo Cheng, August 2011

BR-II BLOOD WITH HUMAN DNA

CLAIM

Now let us announce to people from all walks of life the contribution of artificial blood BR-II to mankind's civilization: in concert with modern medical science, it may save 11 million lives every year.

(1) (a) cancer patients 4 million
(b) heart disease patients 4 million
(c) diabetics 2 million
(d) lungs and liver disease patients 1 million
Total number of lives saved: 11 million

(2) it may also recover a financial loss of 1200 billion US dollars every year as well as practical development of various social strata.

The patent right belongs to the first researcher and developer. Pending the appraisal by the Patent Right Offices of Singapore and Australia, starting from the date of approval, all organizations must not infringe Brown Rockaweil's patent right. Without our company's license, they must not proceed to produce and sell BR-II plasma with interaction between artificial blood and human blood, including imitation and fabrication. Violators will face commercial compensation and law suits etc.

Kho Soo Cheng, 2011