

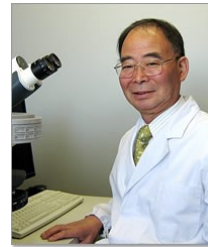
Active Hydride Plasma and its Characteristics

Research on Minus Hydrogen Ion was inspired by the water of Lourdes, France

The “water of Lourdes” is the water which flows from the famous spring in the town of Lourdes. Lourdes is a small town in southwestern France, with a population of about 15,000, in the foothills of the Pyrenees range. Their fame is due to the Catholic Church’s official acknowledgements, linking the water of Lourdes to several cures over the years.

Since its discovery in 1858, the water of Lourdes is said to have cured many wounds and diseases. Some believe the cures can be attributed to its high content of Germanium. The Roman Catholic Church has built a sanctuary at the source of the spring water, and several million pilgrims visit each year.

Dr. Oikawa’s former wife, who died of cancer, had been taking the water of Lourdes. Dr. Oikawa determined that the water contains Minus Hydrogen Ions, which were created through a process of metals being broken down and dissolved into water under high temperature & high pressure, as a result of volcanic activity. And he discovered that the water contains ingredients which happen to be a source of energy for mitochondria, within human cells.



Dr. Taneaki Oikawa



Has been used by Japanese doctor for Cancer Treatment

as an Antioxidant Supplement



Creation of Minus Hydrogen Ion requires deoxidization, high temperature & high pressure

Over 2 billion years ago, there was an era when Minus Hydrogen Ions were abundant. Creating Minus Hydrogen Ions today could be considered by recreating the conditions during that era. Atoms were created on this Earth, as lava that spewed from volcanoes cooled and hardened. Upon cooling, hydrogen gas became polarized, ionized, and then transformed into the Plasma State. During this process of reverting back to normal temperature, Minus Hydrogen Ions were believed to be formed. This was all a natural process, artificial as it may seem today.

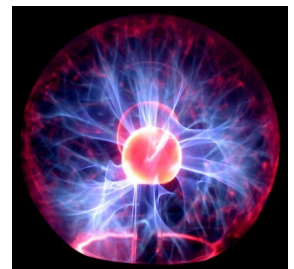


Within the human cell, a mitochondria acts like a microscopic organ which produces energy, whereby hydrogen-removing enzymes extract 2H from a substrate, and upon oxidation of such respiratory substrate, 2H becomes polarized and ionization occurs. As a result, respiratory substrates which induce Redox (Reduction) activate hydrogen-removing enzymes, and then causes reaction in respiratory substrates which induce Oxidation. This is when Minus Hydrogen Ion is believed to occur. These various reactions are controlled by hydrogen-removing enzymes within the living body. You can imagine how a birth of life is abundant with such mysterious processes.

Plasma is the 4th State of Matter, which is neither Gas, Liquid nor Solid

Minus Hydrogen Ion occurs only under a strong plasma condition. A Plasma State is the condition where the atom’s electrons and nuclei are separated from each other, turning them into electrically charged particles. Generally speaking, a Plasma State typically develops when gases reach high temperatures, and therefore many scholars have not thought that Minus Hydrogen Ions would occur under normal room temperature and under normal pressure.

Dr. Oikawa was able to produce Minus Hydrogen Ions through a process of creating metallic hydrides, which is considered a method to store hydrogen. One type of such hydride, the Ionic hydride is known to consist of Hydrogen in the H⁻ (negative) ion format. When these hydrides are dissolved in water, they ionize, and then H⁺ and H⁻ are derived. These polarized hydrogen molecules are now in the Plasma State.



Plasma Research is lagging behind

Depending on its structure or form of existence, matter exists in one of 4 states: Solid, Liquid, Gas or Plasma. Of these, research on Solids, Liquids and Gases are advanced; but research on Plasma have not been as successful. Plasma is a blend of these 3 components: free electrons, positive ions, and neutral atoms (molecules). When all atoms are subjected to high temperatures with no oxygen, it was discovered that plasma could indeed exist at normal room temperature and at normal pressure.

So how was Minus Hydrogen Ion created in the Human Body?

Dr. Oikawa directed his attention to coral calcium, which is a mineral accepted as food. Coral calcium was kneaded with water, then Oxidized and Redoxed (Reduced) by sintering it at high temperatures. This produced coral powder, which was essentially hydrogenated calcium and hydrogenated magnesium, containing Minus Hydrogen Ions. These were hydrides, which were believed to ionize when dissolved in water, and then saturating the surrounding water with hydrogen plasma (ionized hydrogen), in proportion to the amounts contained in Coral Powder.

According to measurements taken in Japan, their substance contained more Minus Hydrogen Ions than the Water of Lourdes. Over 2 billion years ago on Earth, hydrogen gas turned into plasma, under a deoxidized, high temperature & high pressure condition, and ionized into H^+ and H^- . In the case of Coral Calcium containing CaH_2 , a stable hydride is stored under room temperature, which reduces into Ca_2^+ and $2H^-$ when dissolved in water.