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Creative Technique May Hold Major Medical Answers International Research Team Confirms Our pH Fusion Tea Technique

Glycoscience Lesson #18

by JC Spencer

Cell membrane researchers from Australia are part of an international team that has helped create a technique to carry chloride ions through sodium channels that cause cancer cells to self-destruct.

"We found we can trigger cell death with salt," said study co-author Professor Philip Gale, of the University of Southampton.

Professor Jonathan Sessler at the University of Texas said, *"We have thus closed the loop and shown that this mechanism of chloride influx into the cell by a synthetic transporter does indeed trigger apoptosis. This is exciting because it points the way toward a new approach to anti-cancer drug development."* This research may also benefit cystic fibrosis.

They discovered this creative technique also destroys healthy cells. Now they have to figure out how to protect the healthy cells while destroying the cancer cells when they are injected with salt.

The problem is the chloride (Cl) in salt, not the sodium (Na). What is needed is a cell protectant to make the healthy cells stronger. Further research is needed but we may be on the right track.

Nutritional Pilot Surveys using a priority formulation based on a similar technique, used by the international team, are ongoing by The Endowment for Medical Research in Houston. No drug or chloride is used in the tea called pH Fusion Tea. In The Trehalose Handbook, Vol 1 Chapter 6, I explain the designed function of pH Fusion Tea: The Tea is a specific blend of the sugar Trehalose, sodium and multi-trace minerals from plants. Trehalose has known protein and cell membrane stabilizing capabilities and may preserve and protect multiple normal biological systems by protecting the cell proteins and assisting with the production of protein cluster aggregates (the proper folding of proteins).

Sodium is an electrolyte and one of its functions is to pass through the cell membrane. Chapter 6 explains the Structure Function of Minerals in Your Body, including the role Trehalose and sodium play with the plasma membrane and the mitochondria. Some 7,000 sodium ions pass through each channel during the brief

period (about 1 millisecond) that it remains open. ATP, the mitochondria's final fuel, is needed to open the channel that allows chloride (Cl⁻) and bicarbonate (HCO₃⁻) ions out of the cell. This channel is defective in patients with cystic fibrosis.

The accumulation of sodium ions outside of the cell draws water out of the cell and thus enables it to maintain osmotic balance. The gradient of sodium ions is harnessed to provide the energy to run several types of indirect ion pumps. A higher pH outside the cell contributes to a transfer of alkalinity into the cell. Trehalose does not feed cancer, acid or candida as does regular table sugar.

Significant documentation from our Pilot Surveys is intended for future published papers. The pH Fusion Tea is designed to have advanced beneficial qualities to address neurodegenerative challenges. It appears that after Trehalose has performed certain functions that it can, when needed, be broken down into two glucose molecules and be utilized as discussed here and for sustained ATP cellular energy. The phyto (from plants) multi-trace minerals stoke the mitochondria to aid metabolism and provide cleaner electricity (less free radicals) for improved neurological activity for mental and mobile function.

Source and References:

The Trehalose Handbook, Vol 1 Chapter 6

<http://www.news.com.au/world/breaking-news/salt-injection-kills-cancer-cells/story-e6frfkui-1227022436392>

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