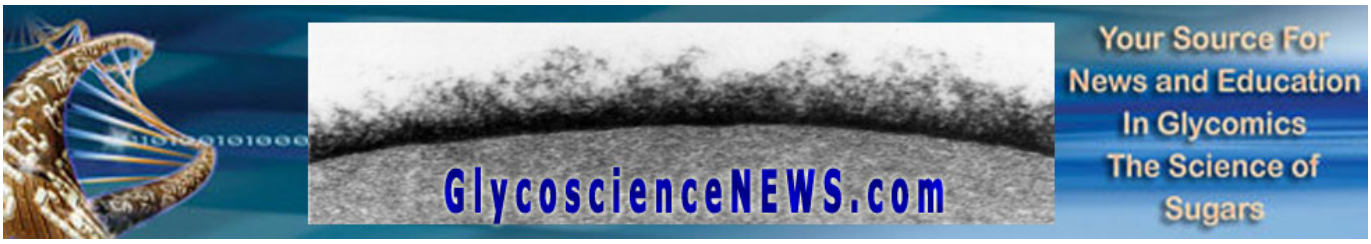

When We Learn Proper Folding Of Proteins – we defeat Diabetes, Stress, Dementia, Alzheimer's, Parkinson's, Huntington's, MS and ALS

Part 4 of 4 - Making G-proteins
Glycoscience Lesson #28

by JC Spencer

Doctors of Tomorrow will analyze health with greater accuracy than ever known. They will have access to equipment and knowledge to study and diagnose glycans and glycoproteins.

Glycoscience Diagnostic Clinics will provide glycan biomarkers for the present and future individual health. A personal roadmap will determine the best pathway for individual optimal health.

The life of all cells, be they plant, animal or human is determined by the quantity and quality of the glycans and glycoproteins.

Glycans transmit and receive signals that control every function of the body, as well as empower our mental and motor skills. Specific natural sugars are required to produce glycans that determine blood type and form the building blocks for all communication within the human body.

The human body has ~70 trillion cells and the health and life of each cell is dependent upon certain natural sugars. Certain sugars are building blocks and other sugars participate in the construction. Included are mannose, fucose (not to be confused with fructose), glucose, arabinose, trehalose, ribose, rhamnose, glucosamine, galactosamine, xylose, n-acetylgalactosamine, galactose, melibiose, lactose, sialyllactose, n-acetylglucosamine, n-acetylneuraminic acid.

Glycoscience Diagnostic will be based on fact of

1) number of surface cell glycans.
2) quality of the glycans populating the cells
3) analyze fidelity of the transmission and receiving ability of the glycans
4) obtain biomarker data for every health propensity
5) determine which sugars are lacking in the glycan structures
6) determine proper glycosylation which will enable us to increase the number of glycans on the surface of cells
7) develop optimal pathway to health through improving glycan structures

Some people are born with fewer glycans and other factors reduce the number of glycans. Poor diet, drugs, viruses, lack of exercise, and toxins contribute to killing of the glycans. The more Glycans, the healthier the cell, thus the healthier the body. The proliferation of glycans is called "glycosylation" (pronounced: Gly-kah-so-lay'-shun).

Glycans determine the body's stem cell production. Healthy adult stem cells grow, maintain and repair our organs giving us a long healthy life. Proliferation of stem cells is the pathway to correct folding of proteins. It was further discovered by the research team that additional stem cells can be attained by increasing the number of glycans,

To increase the number of Glycans was deemed impossible by the science and healthcare communities until recent years when a research team in Texas accomplished this feat with the use of what we call "Smart Sugars". Glycoscience is the future of medicine and healthcare.

Sources and References

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