

CELLULAR BEHAVIOR

At 72, I have not the foggiest idea why I have the long-term urge to study fields of science which I will never employ, nor have any idea where the conclusions to which I come will light. Why indeed would a lifelong geologist study cells, or medicine, or quantum physics, or the brain? It certainly is not to impress, for there remains no one left to impress. My audience has fled to the hinterlands, anywhere to get away from me.

The second urge is to encapsulate what I have gleaned into a series of tracts on a CD, for whom I have no idea. I do not even know how the remnant on the other side of the rubble will “read” this CD. I do know these papers are not for this era, for we are in a culture that has fled its roots from which it was formed. Our moorings have detached.

That having been said, I must write what I believe I have heard, knowing full well that evil men transform good into evil practices. Much of what I believe I have heard can and may be used as merchandise, or to used to impress others of their ‘religious’ levels. Understanding, knowledge and wisdom is given for good. But, but! –in any given season of a culture, particularly the latter stages, this knowledge, given for good, deteriorates in the hands of evil men. I trust the reader will be discreet and prudent.

To the matter at hand, specifically righteous things, Jesus did not tell everything He knew; instead, He only said what He heard His Father saying. He only did what He saw His Father doing. I would hope the following will be treated likewise.

In any case, it is what it is. The early Scots¹ in the late 1600s reversed centuries of poverty of body, soul and mind to one of literacy, health and freedom. Eventually they reached a zenith in this country, changing the world and turning it upside down. Surely the remnant, by this time having gone through similar fires, can do the same.

There is a certain awe which accompanies the study of the design of the human body and brain, not to mention the incredible design of the physical world. The creativity of the Most High is beyond Man’s mind to comprehend; the detail and fail-safe mechanisms in all realms of nature are incalculable.

As I pondered writing this A.M., for some odd reason II Sam 22 came on the screen. David put in human words over which the rest of us only stumble and stutter. If you have a copy of that passage, I recommend reading it before you continue.

Science has a bad habit of researching and stating what *is*. Virtually every field has become bloated with the repetition (high-tech plagiarism) of what someone else said, so that it is an obsession to be the one to pinpoint what “*is*”. One finds in nearly all textbooks of science, regardless of the field, the glaring omission of the incredible design of the creation, much less how it came to be.

Sprinkled throughout the science books are innuendoes of chance and inanimate “evolution” that are so absurd as to make you want to throw the book in the trash. If scientists are trained and encouraged to omit any comments about the ‘why?’ or ‘how?’ or ‘who?’ regarding all this wonder, then drop the comments about ‘chance’ and ‘evolution’!

But, there is much to be gleaned throughout science in general. I would like to take a stab at conveying the essence of this study as opposed to an amateurish version of regurgitating the data. These essences will most often take the form of what is not said, what is not addressed, what is not seen between the lines. Most of the time the answer is right before these scientists’ eyes, glaring at them. I have found from experience that the more complex the problem, the simpler the solution. There will be an attempt to align the findings of science with what I know about the Most High and what He said.

Cells, which comprise all animate things, are marvels of creativity. They are microscopic in size², the average size requiring approximately 100 cells lined up in succession to measure 1 mm. That is small. Each cell of the animate variety contains a multitude of organelles within the outer shell, as well as a nucleus in the middle. The nucleus governs the numerous internal activities of the cell, and also contains the DNA which serves to pass on the genetic characteristics in the reproduction of itself. Most cells in the human body are less than 10 years old.³

There are several salient “essences” drawn from this study: *one is that within the cell there is unity* of behavior. All the inner organelles function as they are designed, without rancor or discord. There is a common thread of altruistic behavior toward one another for the good of each other, for the good of the cell itself, and at the highest level, the good of the body which it comprises. The second point is that there is a nucleus *providing direction and coordination* to the inner workings, as well as provide impeccable *guidance for the faithful reproduction of itself*.

The data that blows chance and “evolution” out the window is that the above occurs in 200 types of 37 trillion individual cells in one human body. The odds of unity and communication occurring in that many types of discrete organisms, simultaneously, is beyond calculation. Different cells have different life spans⁴, from days (colon cells) to weeks to years to the life of the body (brain cells, neurons). The cells that do reproduce themselves do so in 10-20 hours⁵.

A third piece of data I found in my scholastic wanderings was that inside the cells are numerous chemical and electrical actions and reactions that are described as requiring or receiving *signals*⁶ from *somewhere* that cause the organelle to do thus and so.

Such are:

There are specific “addresses” within the cell that dictate where a certain chemical or enzyme goes.

Cell growth and division are regulated by certain signals.

Nerve and muscle cells produce electrical signals when excited.

Calcium is a chemical signaling system between the central nervous system and the neurons.

In the Golgi apparatus there are recognition markers on its surface.

The Golgi apparatus is precisely **programmed** to sort and segregate certain chemical and enzyme activity.

Lung cells beat in harmony, in the same direction, to expel foreign matter from the lungs. So how do they communicate?

There is known communication, primarily through hormones, adjacent contact and extracellular material. Even the signals are decoded. But the questions are begging as to the origin of these signals.

So from whence do these “*signals*” originate? –and how are “inanimate”, microscopic, *innumerable* organelles programmed?

All the 200 types of cells⁷ in the human body basically function the same way, in the sense that each cell does what it was designed to do, in the proper order, at the right time and under the proper circumstance. Each cell, regardless of its type, functions day in and day out for the good of the whole body. Each cell stays in its proper place, never interfering nor usurping the roles of any other cell. Each cell remains altruistic towards each other.

Moving up still one more level or larger sphere of influence, an individual “cell” within the Body of Christ is to function as designed, how, when and where. Each “cell” of the Body has indeed a function unlike any of the others, for reasons known only to Him. There is not supposed to be any overlap, repetition, usurping, criticism, envy, jealousy, complaint or striving for something else.

The fourth and supreme sphere of influence is that of God the Father overseeing all of mankind and Creation, both the just and unjust. He decides on a scale even larger than the Body of Christ, equally for the good of the whole, but this time for the total of mankind. That is why He expressed Himself in Jesus. The whole of Creation was the recipient of His goodness, His righteousness, doing right by everyone.

Now; all of these have in common this thing called “for the good of the whole”. That concept in the human body is called *homeostasis*⁸, a fancy word meaning *the maintenance of a stable and orderly environment, a uniform state of being*. In other words, it is a state where all the integral parts operate as a stable unit.

Just as in the case of the human body, the Body of Christ is supposed to operate as a unit, in a stable and orderly state. But how? What is the Data Operating System?

When I came to this question, I ran into a mental wall; I never had a definitive answer until this morning. The answer came in the wee hours of the morning, confirmed as usual from a passage of scripture, specifically Psalms 11, verse 7: “For the LORD is righteous, and He loves righteousness; the upright shall behold His face, He beholds the upright.” There are two words herein that defined things. One is the word ‘righteousness’; that word is #6666, *tsednaqad*, which, among other things, is a Hebrew legal term signifying where each party is to be faithful to the expectations of the other party. ‘Upright’ means straight, forthright, level, honest, upright. A second is Is. 41:10.

This dawned on me that the interaction of the rightful behavior of cells at all levels is the functioning *for the good of the whole*. In other words, functioning as expected by all involved. Righteousness is a characteristic of God Himself that causes each element to want the best for each other, and therefore the best for the whole, the best for the Whole of the Body, the best for Mankind, the best for the Captain of the Host. This characteristic has lasted like a scarlet thread for millennia, but is waning again.

I believe the ***righteousness of God*** is the mechanism underlying the communication between the elements of a cell, the interaction of all human cells, and the interaction of all the ‘cells’ of the Body of Christ. All things were created by God were created in and through righteousness, which is Jesus Christ Himself. In Him all things consist. He holds all things together; without Him, or better said, without His righteousness, all things will self-destruct. By virtue of our spiritual re-birth, He dwells in us, and ***we*** become the righteousness of God in Him. ***We*** should act like it.

11/14 to 6/15

Ben-Issachar

¹ Herman, Arthur, 2001, *Scots Invented Modern World*, Three Rivers Press.

² Underwood, Lauralee, *Human Physiology*, West Publ., N.Y., N.Y. pg 16.

³ Ross &, Pawlina, *Histology, 2011*, Lippincott Publ.

⁴ livescience.com

⁵ Frisen Labs, Karolinska Institute, Sweden.

⁶ Underwood, op. cit., pgs 24, 36, 42,79, 83,111.

⁷ AAAS, Science Netlinks, 2015.

⁸ Underwood, op. cit. pg 5.