## Disease starts at the Cellular Level – Not the Organ!

Our cells are the smallest living element in our body. They group to form tissues, which group to form organs, that group to form systems. The endocrine system, the immune system, the neurological system, and what have you. Together, the systems form the body organism.

To figure out how to treat illness we need to go all the way back down the hierarchy to the fundamental building blocks of life – the scaffolding – which is the cell.

If you look at the human body, the nuts and bolts; the bricks and mortar; the composition; is made of 243 different types of cells. Heart cells make up the heart. Brain cells up make the brain. Bone cells make up the bone. And you can get into specifics, for example, there are different types of cells in the liver – Kupffer cells and hepatocytes. Plasma and serum cells make up the blood. We are birthed by the cell. The spark of life originates with two living cells, the male sperm cell merging with the female egg cell. We are maintained at the cellular level by the assimilation of nutrients and detoxification of cellular wastes, and, in the end, we die by the cell.

If you look at the inside of a cell, it is not just a blob of protoplasm that's unintelligent. It's a mini universe that's very complex and intricate. The membrane of the cell transfers information from the outside world to the inside world of the cell which is the DNA. Cells are multifaceted. Some resemble miniature electrical generators, like a lithium battery. They are also manufacturing plants that synthesize hormones, neurotransmitters, proteins, peptides and life force to run all the functions of the body. These are not just dead chemical reactions that work mechanically – there is an immense intelligence involved. The whole bodily process is so much more in-depth and complicated than nutritionists and medical scientists have ever contemplated.

The complex universe of the living cell parallels us in many ways. Each of our cells are analogous to the whole of us in microcosm. For instance, we have internal organs, and our cells have mini organs called organelles. We have skin that is semi-permeable, and our cells have a semi-permeable membrane to protect the inside of the cell. We have a skeleton, and cells have cytoskeleton that keeps the whole structure expanded so that it doesn't collapse in on itself.

We need to breathe oxygen through our lungs, cells breathe in oxygen and respirate too! We have to drink water or face dehydration, and so do our cells. We must ingest nutrients or starve, and cells must absorb nutrients to survive. We must eliminate waste or grow sick, and cells must eliminate waste or grow sick. We conceive children, and cells conceive by splitting and dividing into new cell generations called "daughter cells".

We communicate through diverse languages, like Polish, German, English and Spanish... and cells have four languages of their own: electromagnetic language, neurotransmitter language, hormonal language, and electrochemical language.

The DNA is a coil, electro- on one side, magnetic on the other – like an antenna. And the cells are feeding messages – a hundred trillion cells talking to each other like a fiberoptic phone system. That's how you move, that's how you think, that's how you write a book, that's how you can skate backwards and hit a hockey puck at the same time.... It's awe-inspiring!

Just as we, as individuals, form a community throughout the world and each have a purpose to fulfill in society, the 100 trillion cells that form our bodies each have their own function to fulfill within the overall system. If any of these 243 different types of cells are impaired in their ability to operate then they won't be able to fulfill the role they have in the body, and the body as a whole will suffer.

All of your cells store, repair, communicate, and transport. Every second of every day your cells are involved with waste disposal, food production, temperature control, and pH balancing to maintain health and vitality of the body, all dependent on the health and vitality of the cell. As I wrote in my book *The Battle for Health is* Over pH(2010): "A healthy body is determined by the collective health of each one of its cells. All disease originates at the molecular and cellular level – not at the organ or system level – as we're led to believe by Western medicine. The healthy molecular building materials of oxygen, carbon, hydrogen, and nitrogen create healthy cells. Healthy cells create healthy tissues. Healthy tissues create healthy organs like the heart and lungs. Healthy organs create healthy systems like the endocrine system and the immune system. Finally, healthy body systems make up a healthy organism." So, here's the big picture: If you can restore the cell, you can reverse the disease process. You can go back to what's called homeostasis, or equilibrium. We do that via the three rivers to the cell. The first is the blood, the second is the lymphatic fluid, and the third is neurological. There's an electromagnetic flow to the cell. If you can fix the obstructions to the cell – remove the impingements and impediments – and clean up the cell, then restore it with the building materials coming from organic living chemistry, then you can cure disease.