



**MirrorCore, LLC**

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## **MIROR EPF™ Science**

Brushing aside centuries of home remedies and primitive science where harsh and often ineffective chemicals were used for hygiene, sanitation and general clean up, this paper intends to unveil a new and exciting body of knowledge in the fight of cell wall structures.

Nearly 200 years ago two scientists, Matthias Jakob Schleiden and Theodor Schwann first observed that all living tissue is made up of cells. In 1839, Schwann published "Microscopic Investigations on the Accordance in the Structure and Growth of Plants and Animals." His work was the first public statement of cell theory, namely, that cells make up all living things.

Scientists approached the new world of cellular biology with unbridled passion, and they commenced extensive testing on a level that was previously unheard of—all in search of the properties of various chemicals and their effects. Of interest to our immediate discussion is the testing that was done to firmly establish chlorine as a universal sanitizer, a reputation that has survived to this day. Like other chemicals, the scientists of long ago also observed that in addition to its great disease fighting properties, chlorine could be used as a weapon of war.

Cellular research continued. We learned about pathogens, specific diseases, viruses, molds and fungi and discovered more about the relationship of chemistry to cells. The development of chemicals continued to expand and it was not long until science realized that chemicals all too often have a dangerous side effect on humans, plants and animals.

Frustrated by the dual nature of many chemicals, confounded by their contrasting bright and seemingly inevitable dark and dangerous side effects, scientists began to long for an enduring, simple fix to these problems.



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“There has to be a new substance that we have not found,” many reasoned. “There has to be a solution for both the medical and the industrial fields to eliminate, once and for all, the pathogenic organisms and bacteria that cause disease, foul odors, hazardous waste and environmental dangers—a new substance with no dark or dangerous side effects and one for which pathogens will not develop resistance.”

#### **MIROR EPF™ IS NEW SCIENCE**

Our science involves a new way of looking at the building blocks of life and a new way of thinking about how living organisms are affected by various elements in the environment. Our new approach involves novel ways of enhancing, controlling and manipulating the building blocks of cells for positive and predictable results. Our chemists have uncovered many mysteries and cracked codes that were thought to be impossible, giving us the ability to unravel the strands of countless proteins in order to stop and in many cases repair the damage done to healthy cells.

Our research team believed that God had given man the answers if we just looked deeper to find them. Looking at the plant families that God had given man on this earth it was obvious we had to dig deeper.

MIROR EPF™ is exactly that! A plant based product that our research team developed using what God gave us in many essential oils and esters of plants to create a unique formulation that we consider a trade secret of how we are able to bond them.

MIROR EPF™ involves what we believe are the earliest, original and naturally occurring keys, or what we call protokeys and protocatalysts from God’s plants, that allow protein molecules to be opened, thus allowing other agents to manipulate the protein, and for the very first time, to break down the cell wall of the protein molecule and reduce it to its basic elements. While the keys and



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catalysts have existed since the dawn of creation, the process whereby these keys became activated is new—totally new and nothing less than revolutionary. MIROR EPF™ is changing how we look at the world around us. Through our formulations we aim to eliminate harmful, caustic and acid-based chemicals from the workplace and the home, and eventually replace them with safe, natural products that are in large part derived from plant derivatives. Our product is unique in that this formulation is not a blend of essential oils and esters but it's about the uniqueness of preparation of the esters and the process itself that when we create our formula that it goes through a reaction during our special process so it is not just a blend but it becomes its own unique molecule.

### **WHAT ARE PROTEINS**

Proteins are large, complicated molecular structures that do the work in cells, and without them our body tissues and organs would have no structure. Without proteins, our cells could not function, and organs would cease to operate. Hundreds and thousands of amino acids from 20 different basic amino types are required to build a single protein, and these acids are bound to one another in long chains, in specific sequences that determine the unique three-dimensional structure and function of each protein.

### **THE ROLE OF MIROR EPF™ IN RELATION TO PROTEINS**

What role do proteins play in the nature of disease, decay, odor, pollution, waste, etc.?

Proteins are derived from DNA sources where the DNA molecule is unraveled at key locations. After pairing of thousands of amino acids, the proteins are split off, and are used for differing purposes. Some proteins transport ions across the cell membrane, while others help transport wastes. Some act like glue to hold certain compounds together to keep the cell structure intact.



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Diseased cells often harbor improper proteins due to damaged DNA in the sense of a pathogen or viral infection. Viruses are stray strands of DNA that behave like a living organism when they cross the cell wall barrier, and then start replicating themselves. Diseased cells often have proteins that will transport poisons into the healthy cell, as well as proteins that protrude through the sidewalls of the cell. Proteins left over from dead cells have amino acids that contain sulfur, which certain bacteria use as food, producing foul smelling substances known as mercaptans and hydrogen sulfides (H<sub>2</sub>S). Proteinaceous waste materials are some of the hardest substances to control as they grow bacteria faster than most other materials.

### **HOW OUR FORMULATIONS AFFECT PROTEINS**

Our plant based formulas catalytically degrade proteins and break chemical bonds within that amino acid structure that hold them together. When proteins make up the surface of the cell of organisms, our formula will degrade the surface of the cell and cause the cell to be compromised. Surprisingly, as if by some miracle, this process is selective via the salt marker within the protein itself. This process is basically the same inside the human body as well as outside in an industrial environment.

### **ARE THERE “GOOD AND BAD” PROTEINS?**

Yes, there are good proteins that serves to support cell function and bad proteins which is namely protein that has been produced by a pathogen or virus that does not properly serve a cell's needs and infects the cell's DNA. Bad proteins can mean death to a cell or cause the cell to mutate and overproduce itself—otherwise known as cancer.

Why is all the above important? It is important because proteins are very difficult to control.



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Once a virus enters a cell, it either destroys the cell over time, or leaves the cell weak until the foreign protein is destroyed. Anti-viral medications are rare and difficult to manufacture, and must be specific to the viral strain that needs to be killed. MIROR EPF™ can destroy strange proteins without being quickly used up, thus returning weak cells to a healthy status and preventing propagation of virus strains and unhealthy bacteria.

In a nutshell, MIROR EPF™ reacts with the unhealthy proteins and prevents harm to healthy cells all by recognizing the salt base marker within that protein. These proteins that do not have a salt base cannot put up a resistance to our formulation; and unlike the old “wonder drugs” that have lost their efficacy because viruses and pathogens build an immunity to them, when MIROR EPF based formulations work they always work.

### **UNDERSTANDING THE ROLE OF SALT AS A BONDING AGENT IN PROTEINS**

Cells use proteins as nutrient transport systems to import food, vitamins, minerals and oxygen into the cell and export carbon dioxide and wastes out of the cellular processes. Mammals, fish and reptiles use similar processes to create and use energy from food, while processing ions and oxygen for use in cellular respiration and replication; and organisms of these kinds have special purposes but as organ systems all are designed to work together for the best of the animal.

Plants have similar nutrient transport systems, with some differences in respiration systems that work together for the health of the plant. In contrast to these processes are systems that work only for themselves, such as single cell organisms. Some of these bacteria, yeasts, and molds use different chemical processes for respiration and have different cellular structures. Such opportunistic organisms use waste products and other sources of food to live. They often have different cellular structures and different cell walls.



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Unhealthy cells and certain pathogenic bacteria normally have one thing in common: extraneous proteins. For MIROR EPF™, the extraneous proteins appear as reactants that the formula can devour and thereby neutralize. MIROR EPF™ recognizes whether the cell has a salt marker or not. If the cell does not have a salt marker it will break the bonds of the amino acids making up the proteins that hold it together and if it does have a salt marker (healthy cells), it will strengthen the proteins that cell wall consists of improving the health of that cell.

### **MELTING PROTEINS**

How do we melt proteins? Melt is actually a poor choice of words because we don't melt it, we break down its cell structure, but "melt" is the simplest form in which to explain and for people to easily grasp what happens.

Proteins are very long chain molecules, so long that they only behave as solids when they are dissolved in water or bodily fluids—and accordingly they must be decreased in chain length to dissolve the proteins completely. Proteins are often structural, providing the glue that holds things together. Breaking this glue when it does not dissolve is a job that scientists previously thought could only be done by enzymes. For instance, removing a bloodstain from clothing requires a detergent with enzymes that will break down the proteins in the congealed blood—because again, it cannot dissolve without first breaking down. MIROR EPF™ formulations are unique in their ability to behave like enzymes and carry out the protein melting process.

"Melting proteins" again, is a figure of speech, as technically proteins do not melt per se, but simply the bond holding it together (the cell wall) degrades to the point that it is no longer the cell it was. Proteins must be lysed "chemically modified" and adhesions broken in order to be degraded.



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Normally, specific enzymes must be added to achieve any protein degradation. Historically, chemicals have not been a viable option in protein degradation, and thus the ability of MirorCore's research and the development of our products represent an historic milestone in the history of chemistry. Our breakthrough ability to breakdown the amino acid structure that represent the cell walls in proteins allows our formulations to manipulate, control and correct cells and their activities.

What does it mean when we say that MIROR EPF™ "opens" the protein molecule? Protein molecules are often bound together with linking pairs of amino acids and immobile sulfur bonds. Our formulations break the sulfur bonds rendering them reactive so that other enzymes can break down the amino acids that are no longer linked. Our formulations also catalytically break down proteins like an enzyme, with in situ reactant matrices that encourage regeneration of the healthy cells and breakup the amino acid chain of unhealthy cells all by recognizing this marker.

### **THE VALUE FOR FOOD PROCESSING**

What does melting protein bonds mean for the Food Processing Industry? MIROR EPF™ formulations will have a huge impact on the food industry. Imagine a world were pathogens such as E. coli, Campylobacter, Listeria, Salmonella to mention a few were no longer a threat to the food industry!

MIROR EPF™ was designed to kill pathogens, molds and viruses and has been confirmed by multiple top research facilities in the U.S. as doing so. This is possible because pathogens do not have a salt basis to their bond as a cell structure. When pathogens come in contact with our MIROR EPF™ formulations even in a diluted state, the cell wall that holds the structure of the pathogen together is broken down (melted) completely. When the foundation for the cell (the cell wall) that bonds the structure together to make it what it is, is broken



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down, there is no foundation to hold the cell together so it either returns to its basic element or in the case of pathogens there is no basic element so it is therefore dissolved completely. Thus far ALL pathogens that have been tested with MIROR EPF™ have been completely destroyed within minutes to a maximum of 48 hours. The part that has baffled many scientists mind is that in all cases to date this process has left zero background debris of the pathogen to evaluate.