

## Press Release-Patent Pending Method

“The US Patent & Trademark Office is now considering the latest breakthrough technology involving **“A METHOD FOR IMPEDING SKIN INFLAMMATORY RESPONSE TO AN ENERGY INJURY”**. This patent pending innovation involves cutting edge research on a treatment method that very possibly could delay or stop incremental aging in skin from daily sun exposure. It has been estimated that 90% of the aging appearance can be blamed on cumulative lifetime exposure to daily sunlight UV rays.”

James Beckman, MD, the patent applicant, is Director of Research for Therapon Skin Health. The patent pending is NOT for a sunscreen or UV protectant, but rather for a method shown to reverse the inflammatory response symptoms and thus prevent cellular injury and resultant damage AFTER exposure of skin to UV, thermal, or radiation energy has occurred. Therapon incorporates the technology in its system of physician-strength products for daily skin care maintenance.

The mechanism of action is based on the human body natural energy transfer systems and enzymes within cell mitochondria. Metabolism of glucose molecules within the cell to pyruvic acid and then into lactic acid is dependent on lactic dehydrogenase to enable giving up or accepting a hydrogen electron. This energy storage or release can enhance or impede formation of damaging reactive oxygen species that create permanent damage to skin cells, DNA, and structural proteins.

The new method acts by controlling the primary mediators of both the immune system AND the storage and transfer of energy in cell mitochondria by utilizing pH and concentration of lactic acid in the skin.