

Applications of structured water in life

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This presentation will show you some academic results of information transfer from solutions to water when placed in the same magnetic field and the development of a skin moisturizer that is made up of structured water. This research was carried out over 20 years ago at UNICAMP (University of Campinas) in Brazil, but it is possible to make correlations with recent research into the fourth phase of water.

In my Master's research our work group was trying to reproduce some biological effects of a remedy or aqueous solution in deionized water when exposed to the same magnetic field. The results showed a transfer of information from the aqueous solution to the water, which seems to have a specific water structure after the process. The physicochemical measurements of the structured water showed changes in conductivity and vapor pressure, among other parameters, when compared to the control.

In my PhD research, sponsored by Natura Cosmetics, we studied a way to develop a skin moisturizing product based on structured water. When selected wheat seeds were soaked and irrigated with structured water they showed an increase in water permeation and better germination compared to the control group. The structured water skin moisturizer achieved 28% of stratum corneum's hydration, without creams or ointments.

Clinical trials of structured water skin moisturizer developed outside the university will complement the discussed subject. This moisturizer is an excellent supporting agent in mild and moderate burn treatment, peelings and sun erythema. When it was applied to an ultraviolet light-induced erythema area, besides promoting skin hydration, there was a decrease in TransEpidermal Water Loss (TEWL) compared to the control area. The decrease in water loss through sensitized skin is very relevant. Damaged skin is much more susceptible to dehydration and bacterial or pathogen access. Structured water is a simple and sustainable product with therapeutic effects, that can be used abundantly without side effects.