INTERFACIAL WATER AND THE QUANTUM INFORMATION FIELD James L. Oschman, Ph.D Nature's Own Research Association, Dover, New Hampshire, USA

Despite decades of focused research, a detailed understanding of the fundamental physical processes that underpin biological systems (structures and processes) remains an open challenge. ~Ph Turner, L. Nottale, J. Zhao and E. Pesquet, 2019

From time to time patients turn up with far advanced cancer, beyond the possibility of cure. They undergo exploratory surgery...and they are sent home to die, only to turn up again 10 years later free of disease and in good health. There are now several hundred such cases in world scientific literature, and no one doubts the validity of the observations. But no one has the ghost of an idea how it happens. ~Lewis Thomas, 1983

In the past few decades, the vacuum has found increasing acknowledgement as the central fundamental entity on which the physical description of reality must be based.

~ B.F. Zeiger and M. Bischof, 1998

The origin and maintenance of form and functions in living organisms may be the most important unsolved mystery in all of science and medicine. Sheldrake's fascinating hypothesis of morphic fields presented in his 1981 book *A New Science of Life* was greeted with great skepticism and antagonism. In a famous editorial, John Maddox, the editor of *Nature Magazine*, called Sheldrake's book "the best candidate for burning there has been for many years." After such prominent condemnation, few respectable scientists looked further into Sheldrake's ideas.

Sheldrake proposed that Morphic resonance is the influence of previous structures and activities on subsequent structures and processes. Hence morphic fields carry information across both space and time. It is proposed that all self-organizing systems continuously exchange information with a quantum information field.

Recent discoveries document missing pieces of the puzzle of how morphic fields may be stored in a quantum information field that permeates all of space. The important discoveries include gravity waves produced by all movements, phi - the mathematics of the tensegrous fabric of space, quantum holography and quantum coherence, fractality, and the spiral grain of the universe. We will continue previous discussions of how the spin of EZ water molecules at interfaces may couple bi-directional scalar field communications between living systems and the quantum information field. Reverseengineering of these communications has the potential to enable regeneration of limbs and organs. The existence of a quantum information field also has the potential to explain many anomalous phenomena. Jim Oschman is an internationally recognized expert on the biophysics of Energy and Informational Medicine. He has contributed scientific perspectives that clarify controversial issues such as the nature of biological energetics and energetic therapeutics. Jim has written several popular books on the scientific basis of energy medicine, including Energy Medicine: the scientific basis (Churchill Livingstone, 2000), Energy Medicine in Therapeutics and Human Performance (Butterworth Heinemann, 2003), and the second edition of Energy Medicine: the scientific basis (Elsevier, 2016). He has also written over 120 articles, forewords and chapters in books, including some in leading peer-reviewed scientific journals and journals on alternative medicine.