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The Biology of Belief

Author Bio: Dr. Bruce Lipton

Dr. Bruce Lipton is an internationally recognized authority in bridging science and spirit. He has been a guest speaker on dozens of TV and radio shows, as well as keynote presenter for national conferences.

Dr. Lipton began his scientific career as a cell biologist. He received his Ph.D. degree from the University of Virginia at Charlottesville before joining the Department of Anatomy at the University of Wisconsin's School of Medicine in 1973. Dr. Lipton's research on muscular dystrophy, studies employing cloned human stem cells, focused upon the molecular mechanisms controlling cell behavior. An experimental tissue transplantation technique developed by Dr. Lipton and colleague Dr. Ed Schultz and published in the journal *Science* was subsequently employed as a novel form of human genetic engineering.

In 1982, Dr. Lipton began examining the principles of quantum physics and how they might be integrated into his understanding of the cell's information processing systems. He produced breakthrough studies on the cell membrane, which revealed that this outer layer of the cell was an organic homologue of a computer chip, the cell's equivalent of a brain. His research at Stanford University's School of Medicine, between 1987 and 1992, revealed that the environment, operating through the membrane, controlled the behavior and physiology of the cell, turning genes on and off. His discoveries, which ran counter to the established scientific view that life is controlled by the genes, presaged one of today's most important fields of study, the science of *epigenetics*. Two major scientific publications derived from these studies defined the molecular pathways connecting the mind and body. Many subsequent papers by other researchers have since validated his concepts and ideas.

Dr. Lipton's novel scientific approach transformed his personal life as well. His deepened understanding of cell biology highlighted the mechanisms by which the mind controls bodily functions, and implied the existence of an immortal spirit. He applied this science to his personal biology, and discovered that his physical well-being improved, and the quality and character of his daily life was greatly enhanced.

Dr. Lipton has taken his award-winning medical school lectures to the public and is currently a sought after keynote speaker and workshop presenter. Today, Bruce lectures to conventional and complementary medical professionals and lay audiences about leading-edge science and how it dovetails with mind-body medicine and spiritual principles. He has been heartened by anecdotal reports from hundreds of former audience members who have improved their spiritual, physical and mental well being by applying the principles he discusses in his lectures. He is regarded as one of the leading voices of the new biology. Dr Lipton's work summarizing his findings, entitled *The Biology of Belief*, (Mountain of Love/Elite Books, 296 pages, \$25, hardcover, ISBN 0-9759914-7-7, www.BruceLipton.com) will be published in early 2005.