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Biomedicine : Neurosciences

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# Biophysics and Neurophysiology of the Sixth Sense

- Clarifies the nature and action of the sixth sense from a scientific perspective
- Provides a systematic approach to an emerging concept
- Discusses the sixth sense in the context of human health and behavior

Multiple senses, like multiple intelligences, are a key to brain variability and therefore human evolution. Besides the traditional five senses (vision, olfaction, gustation, audition, and somatosensory), humans can also perceive the body's own position (the sense of proprioception) and movement (the vestibular sense). Interoception is the feeling one has about the internal physiological conditions of the entire body. Additionally there is a sense of intuition, also known as the sixth sense. Despite their best efforts, researchers are still unable to concur in specifying the nature of the sixth sense; some consider the sense of proprioception as the sixth sense, whereas others prefer to consider that as a part of interoception. This book will provide a scientific system for the human sixth sense using relevant biophysical and neurophysiological evidence. The power of "sixth sense" seems to be underestimated, due to difficulties in defining the concept clearly. According to socioeconomics and neural physics, the sixth sense is that which permits humans to create perception or to enhance the quality of their perception of events. Roughly speaking, the sixth sense engages a metacognitive process through which prior knowledge and the information received from other sensory modalities are synergized. It is not restricted to specific arrow of time and type of mind or to the observer's body, but it considers all arrows of time (past, present, future), types of mind (conscious and unconscious), and physical bodies (self and other). However it is expected that the observer has specific biases towards what happens now or would happen in the future and its relation to himself.

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