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Descrizione fisica	1 online resource (458 pages) : illustrations (black and white, and color)
Collana	The Frontiers Collection
Disciplina	570
Soggetti	Death (Biology) Genomes Life (Biology)
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The phenomenon of life. Planet system of life -- Individual Life. Living bodies - holders of life -- The Emergence of Individual Life and the Life Phenomena -- Development -- Reproduction of living bodies and genomes -- Ways and Mechanisms of Survival -- Aging and Loss of Individuals -- The processes and mechanisms of living bodies. The nature of vitality -- Information and Management. Mechanisms of the Invisible World of the Genome -- Living Bodies - Phenotypic Framing of Genomes -- Duality of Life -- Immortality. Power of the Genome -- Conclusion. The Unified System of Life.
Sommario/riassunto	What are life and death? Is it possible to understand their essence and give clear definitions? Countless books and articles have been devoted to trying to answer these intriguing questions. However, there are still no definite and generally accepted answers. The intrigue remains. And meanwhile, human attempts to vanquish death and achieve immortality continue apace. This book is an attempt to answer the eternal questions about life and death by analyzing, synthesizing, and rethinking the known facts that characterize life. The material here should be of particular interest, as it contains many hypotheses, philosophical generalizations, and well informed speculations. What is

most important for life - matter, energy, or information? How are individual lives and the phenomenon of life in general related? What serves what – does the genome serve the cell or does the cell serve the genome? What is the value of life and death? Can we become immortal? The inquisitive reader will find original answers to these and other exciting questions in the pages of this stimulating book.

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