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Autore	Sinkovics Joseph G
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Nota di contenuto	Preface. Introductions. I THE PRIMORDIAL RNA/DNA COMPLEX EVOLVING -- The Primordial Genes Are Conserved as Stem Cell Genes and Proto-Oncogenes -- The First Cells Ascend -- Eukaryotic Single Cells and the First Cell Communities Then and Now -- A Highly Effective Immune System Predating Adaptive Immunity -- Elements of Adaptive Immunity Self-Assemble -- The RNA/DNA Complex at Work -- YY Proteins -- Elusive Alleles -- The Long Trajectory of the IGF-like Receptor and Its Ligands -- Primordial Fused Genes Become Oncogenes and Encode Oncoproteins -- Performance in the Laboratory -- Inbuilt Errors not yet Corrected -- Errors or Inherent Attributes for the Sustenance of Unicellular Life -- Viral Genomic Insertions into the Host Cell's Genome -- Viral and Cellular Proteins Interact -- Light Cast to Broken DNA, Its Repair, and Consequences -- Undisciplined Introns -- Elementary Epigenomics -- RNA/DNA: Bioengineers Supreme -- II THE ONCOGENOME -- Seamless Unity of the Nucleus and Cytoplasm: the Membranes Are Permeable -- Endogenously Initiated Immortalization is Welcome. Enforced Carcinogenesis by Exogenous Alien Initiator Is

Resisted -- A Condensed Compendium -- "Malignant Transformation"
-- III THE HUMAN CEREBRAL CORTICAL DNA AGAINST CANCER CELL
DNA -- Will the Human Cerebral Cortex Subdue the Oncogenome?- In
Self-Defense, the Cancer Cell Reactivates Its Primordial Genome Loaded
with Proviruses in Order to Mobilize All Its Remaining Survival Pathways
-- The Cancer Cell Viewed as a Unicellular Parasite (an Amoeba) --
Astute Observers Withstand Derision -- "Making Cancer History" at M.
D. Anderson Hospital -- SUMMARY -- Appendix 1 -- Appendix 2 --
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Sommario/riassunto

In this book, the author Joseph G. Sinkovics liberally shares his views on the cancer cell which he has been observing in vivo and in vitro, over a life time. Readers will learn how, as an inherent faculty of the RNA/DNA complex, the primordial cell survival pathways are endogenously reactivated in an amplified or constitutive manner in the multicellular host, and are either masquerading as self-elements or as placentas, to which the multicellular host is evolutionarily trained to extend full support. The host obliges. The author explains that there is no such evidence that "malignantly transformed" human cells survive in nature. However, when cared for in the laboratory, these cells live and replicate as immortalized cultures. These cells retain their vitality upon storage in liquid nitrogen. One can only imagine an astrophysical environment in which such cells could survive; perhaps, first their seemingly humble exosomes would populate that environment. Immortal cell populations so created may survive as individuals, or may even re-organize themselves into multicellular colonies, as representatives of life for the duration of the Universe. This thought-provoking book is the work of a disciplined investigator and clinician with an impeccable reputation, and he enters a territory that very few if any before him have approached from the same angles. It will appeal to researchers with an interest in cell survival pathways and those researching cancer cells. .
