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| Nota di contenuto | 1. Prologue. About the title of the book. Risks of writing this book. The title revisited. What has gravity got to do with this book? One-handed scientist. Information cornucopia. Will the Y chromosome decay and take men with it? A goal of this book. Inside this book. Best use of this book -- 2. A primer on genetics. Living things. Tinkering using technology. Survival of the fittest. How genetics changed the course of history. Timeline of genetics -- 3. Sex, a primal instinct. The primal instinct for sex. Emperor penguins. Salmon. Pacific grunions. Other aspects of sex. Sex reigns, birds and bees do it, but why? Models of co-evolution. The deleterious mutation hypothesis. The Red Queen hypothesis. Computer simulations. Supporting evidence. Scandal without sex. Selfish genes. Selfishly altruistic kin selection -- 4. Mating dance. Basic instinct. Scents of love. Cupid's chemicals. Mating dance. Of man and ape. Sexual matrimony and polyamory. And less love. Tug of war, In Utero. Back into the past and future -- 5. Quest for perfection. Beauty lies in the eyes of the beholder. Ancient definition of perfection. Search for the perfect face. Search for hour-glass figure. |

The myth of beauty. The cute factor. No choice for baby. Selective paternal reproduction. The founding of Rome. Selective maternal reproduction. Eugenics. First stage. Second stage. Third stage. Fourth stage -- 6. Invisible hand in the human body shop. The human life cycle. The reproductive cycle. Sex hormones. Inside the womb. Birth defects. The invisible hand in human body commerce. From alchemy to algeny. In vitro fertilization. IVF the Aussie style. The business of in vitro fertilization. IVF children. Donor insemination. DI half-siblings. Hello Dolly, good-bye Dolly -- 7. Clonology. Parthenogenesis, virgin birth. Cloning. Clonology. Cloning Hollywood style. The celebrated Dolly, but second to computer chips. Clones of clones of a clone. Jerky bulls and Yang cows. Second chance, clone of the oldest bull. Artificial monkey twins. Clone of a clone - more bulls. Cloned piglets. Reversing aging. Other notable cloning efforts. Jurassic amusement park? More calves and piglets. More endangered species cloned. Multi-legged bio-x. Multi-legged bio-reactors. Multi-legged bio-facturess. Nature versus nano. Multi-legged bio-models. Multi-legged bio-factories -- 8. Petory and biofactory. PerPETually yours. K-9 cloning. Snuppy. Dupli-cat. Cc: genetic anomaly. Commercial grade pet cloning. Cloning rabbitly. A stubborn clone. Cloned equine twin of surrogate mother. Ethically yours. Odd-inarily yours -- 9. Cloning techniques. Twins, twice the fun. Nonidentical twins - siblings of the same age. Identical twins - natural clones. Mirror image and conjoined twins. Interest in twins. Identical twins are more identical than clones. En route to commercialization. Artificial twinning technique. Nuclear transfer technique. The Roslin technique. The Honolulu technique. The chromatin transfer technique. Twinning Roslin in Honolulu. Honolulu versus Dolly. First male clone -- 10. Reproductive human cloning. Super clones? Tinkering with conception. Natural birth versus cloning. Hardware and software of sexual reproduction. Hardware and software of cloning. Physiology of human cloning. Key human cloning mavericks. Richard Seed. Claude Vorilhon and Brigitte Boisselier. Severino Antinori. Panayiotis Zavos. Avi Ben-Abraham. Human embryo "clones". Clone abortion. Why hybrid? The "clone" stork, real or Rael? -- 11. The alchemy of stem cells. Organ transplant. Growing human organs? Stem cell. Derivation of stem cells. Banking embryonic and fetal parts. Lifeline - cord blood. Multipotent adult stem cells. Stem cells from fat. Medical uses of stem cells. Stem cell gold mines. Growing breast from a stem cell. Regenerative medicine. Why regenerative medicine? Regenerative medicine and stem cell research. Regeneration, stem cells and aging. Master cells and master genes -- 12. Stem cell entities. Stem cell nations. Sweden. United Kingdom. Australia. Singapore. Israel. Japan. India. China. Korea. United States. Case study: Harvard Stem Cell Institute. Case study: California Institute of Regenerative Medicine. East versus West. A shenanigans of scandalous proportion. The rise to international stardom. The fall from grace. The repercussions. How did it happen? The way to the top. The way to demise. The bits and pieces. The characters: accomplices and foes. Hwang versus Raelians. Synopsis of the dogged reports -- 13. Legal and ethical issues. How? What? Why? Therapeutic and reproductive cloning. Secret projects. Stigma of cloning. Ten AD (after Dolly). Cloning as an assisted reproductive technology. All is fine unless you are the clone. Where science meets the public. Issues with human cloning. Cloning as reprotect. Ethical issues with cloning. My father is my twin. Can a clone run for U.S. Presidency? The genie is out of the bottle. In vitro fertilization debate. Reproductive cloning de javu. Overcoming legal and ethical impasse. Private funding. Model organisms. Vertebrates. Invertebrates. Plants. Microorganisms. Circumventing ethical impasse. Message in a bottle

from the future. To clone or not to clone? Why? Why not! Clone the law
-- 14. At the crossroad. Relatively and genetically speaking. Divinity
versus greed. The invisible hand. Fictitious commodities. Tapping into
human resources. Mendel and Darwin. The invisible body. Sexual
reproduction versus cloning -- Excellent references -- Food for
thoughts.
