Human Body Genetics & Medical Technologies

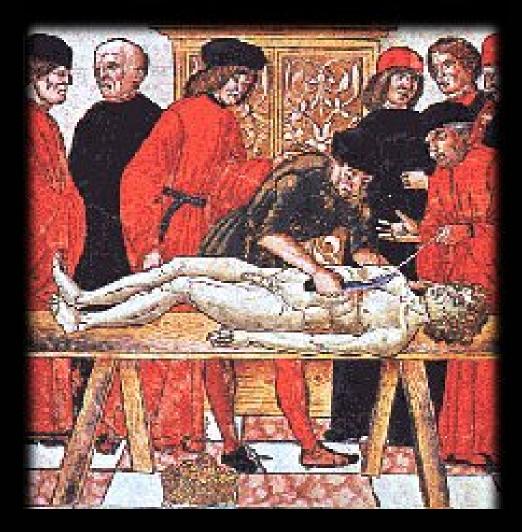
HC177: Biotech & Art

"We used to think fate was in our stars. Now we know, in large measure, our fate is in our genes."

JD Watson, 1989

Human BODY & Medical technologies

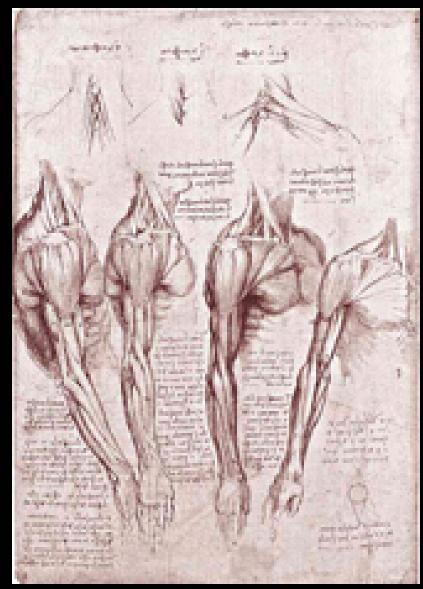
HUMAN DISSECTION







The Anatomy Lesson of Dr. Nicolaas Tulp, Rembrandt van Rijn (1606–1669)



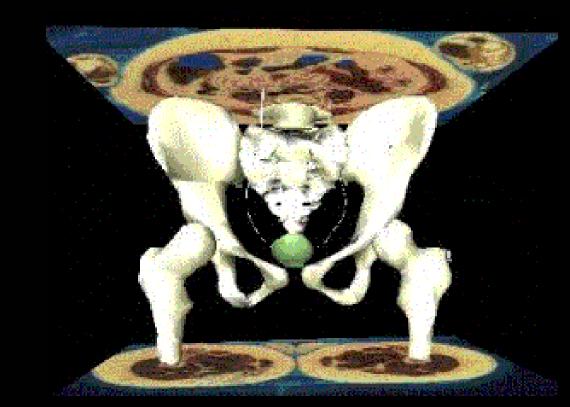
Leonardo da Vinci performed private studies, in which he dissected human bodies. These formed the basis for his detailed, lifelike, anatomical drawings. He thus made a significant contribution to social acceptance of the study of the human body.

PLASTINATION



Invented by German anatomist Dr. Gunther von Hagens in 1977, is a process whereby all bodily fluids and soluble fats are replaced with reactive plastics that harden after curing with light, heat or gas. All tissue structures are retained.

VISIBLE HUMAN PROJECT



HUMAN GENOME PROJECT



April 25, 2007 - On April 25, 2007 – the fifth anniversary of National DNA Day, the House passed the Genetic Information Non-discrimination Act of 2007 by a vote of 420-3.

DIGITAL BODY

DATA BODY

CORPORATE BODY

Invention of X-rays



Mrs. Röntgen's hand, the first X-ray picture of the human body ever taken.



X ray machine, 1910

medicine included Insulin and Penicillin

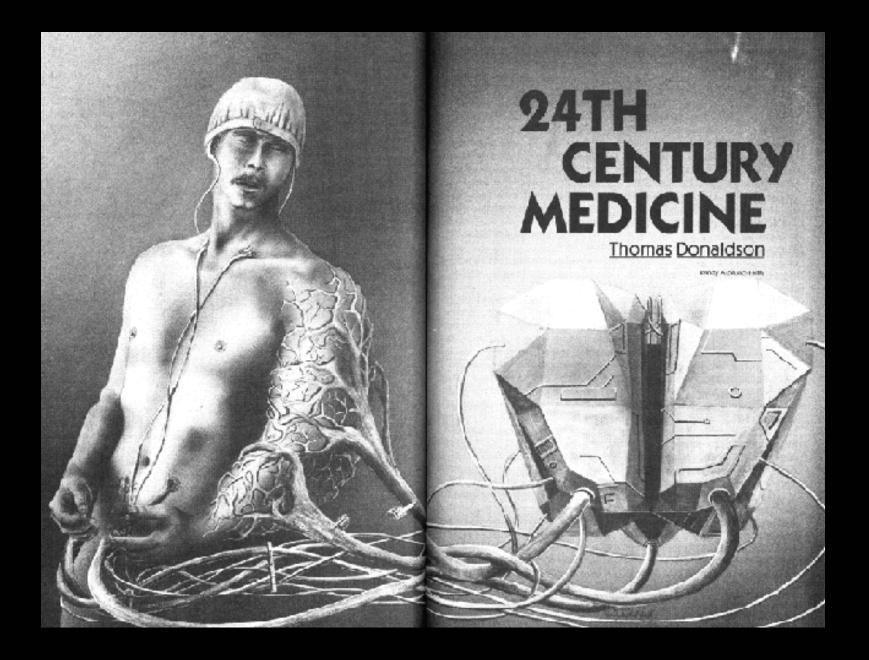










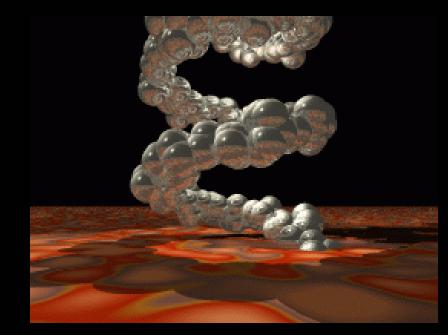


Pharma & Money



WHAT DO YOU MEAN, "MIRACLE DRUG"?	IT'S MADE AN ENORMOUS PROFIT FOR US!
C Rea	MIRACLE DRUG
© Original Artist Reproduction, rights obtainable from www.CartoonStock.com	

TRANSHUMANISM



CRYONICS

In 1964, physics teacher Robert Ettinger published *The Prospect of Immortality*, a book which promoted the concept of cryonics to a wide audience. Ettinger subsequently founded his own cryonics organization.

This "bigfoot" Dewar is custom-designed to contain four wholebody patients and six neuropatients immersed in liquid nitrogen at – 196 degrees Celsius. The Dewar is an insulated container which consumes no electric power. Liquid nitrogen is added periodically to replace the small amount that evaporates.

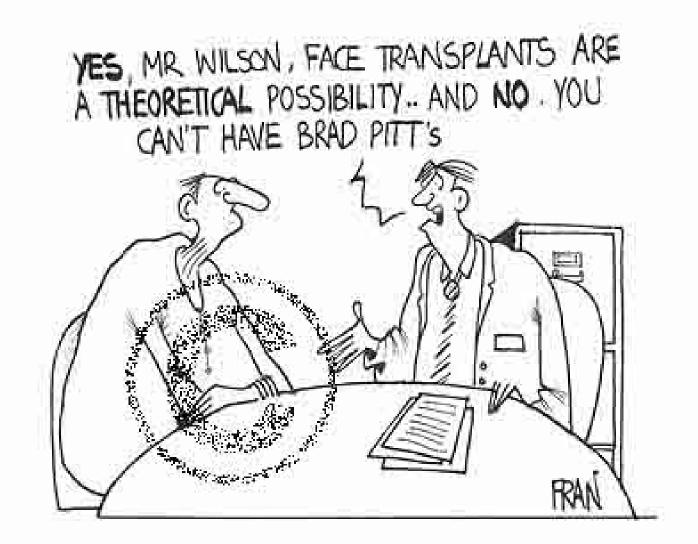


Body modification









AMERICA VOTES 2006 CNN SEN. ELIZABETH DOLE (R) NORTH CAROLINA AMERICAN MORNEY (R) NORTH CAROLINA AMERICAN MORNEY AMERICA VOTES 2006







Octo Mom



Male Pregnancy







ORLAN















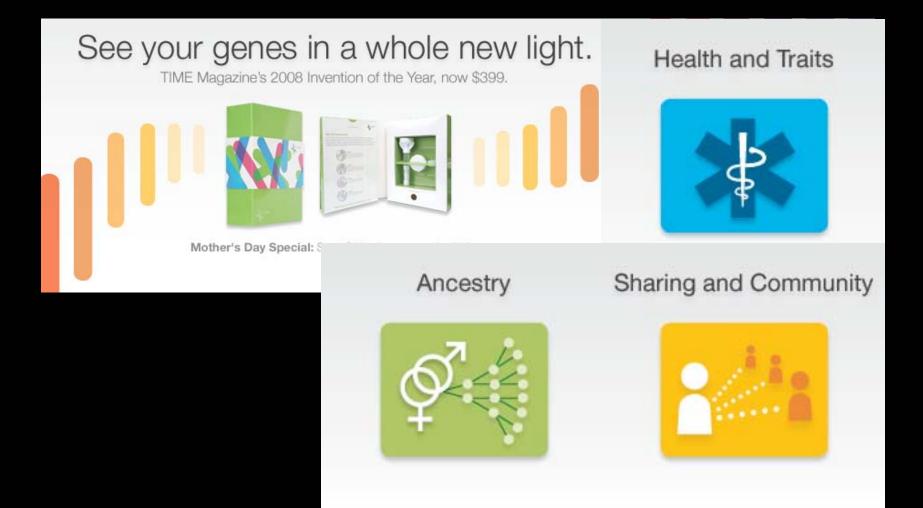




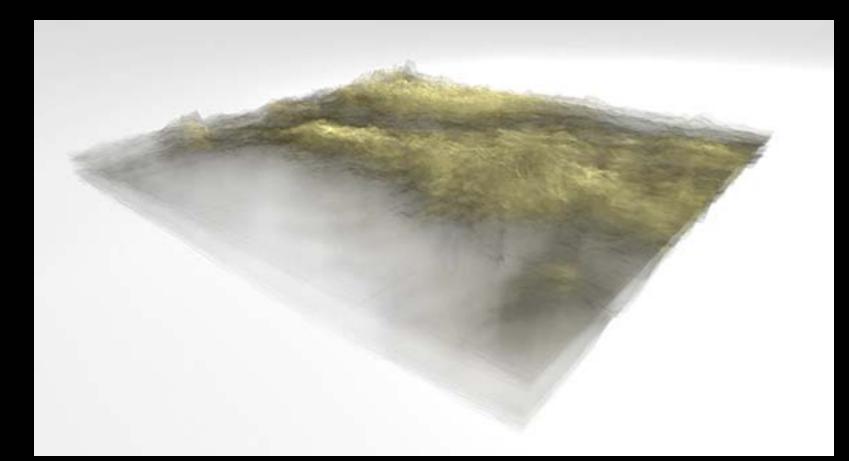
Regrowing Body Parts



DNA in the market



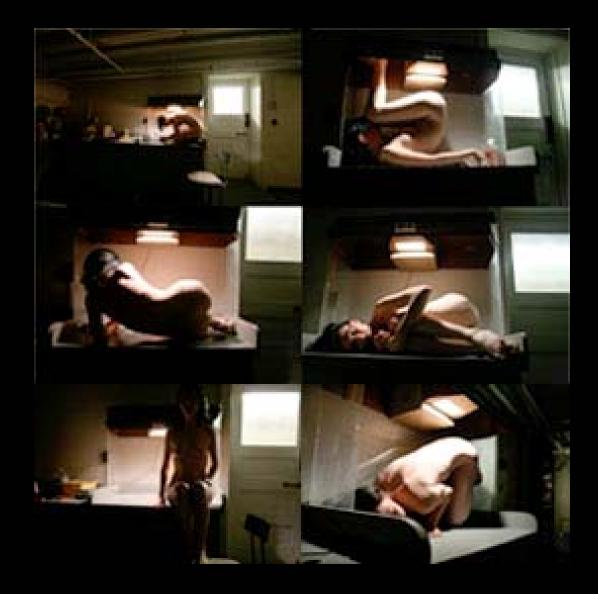
Biotech Art & Body



Nancy Burson



Jennifer Willet



Kira O'Reilly



Events

Natalie Jeremijenko

Lisa Jevbratt

Gil Kuno

Katherine Hayles