### GENETICS, ETHICS, & THE FUTURE OF MEDICINE*

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*Excerpted from ETHICAL ISSUES ARISING FROM NEW TECHNOLOGIES

#### REPRODUCTIVE ISSUES
- Avoiding Diseases in Offspring
- Selecting for Traits of Children
- Cloning
- Stem Cell Research

#### GENETIC PRIVACY & DISCRIMINATION

#### THE SHADOW OF EUGENICS

### IVF--ETHICAL ISSUES

- Status of the Embryo
- Extra- vs. Intra Corporal Conception
- "Surplus" Embryos
- Access/Justice Questions
- Motives of Parents

### GENETIC PRIVACY

- State Statutes
- Consent Requirements for Screening and Testing
- Regulation of Genetic Information—Prohibited Uses?
- "Right to Genetic Ignorance"?
- The Adoption Context
- Potential for Discrimination

### THE SHADOW OF EUGENICS

Assume that each of these conditions has some genetic basis. List which four we should focus research efforts on to prevent them from occurring:

- Deafness
- Homosexuality
- Alzheimer Disease
- Schizophrenia
- Dwarfism
- Cancer
- Mental Retardation
- Obesity

### EXTRAVS. INTRA CORPOREAL CONCEPTION

"Surplus" embryos...