

ART AND THE NEW BIOETHICAL CHALLENGES



Dr Gregory K Pike

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“The real choice is between accidental or random reproduction and rationally willed or chosen reproduction ... laboratory reproduction is radically human compared to conception by ordinary heterosexual intercourse. It is willed, chosen, purposed and controlled, and surely those are among the traits that distinguish Homo sapiens from others in the animal genus, from the primates on down.”

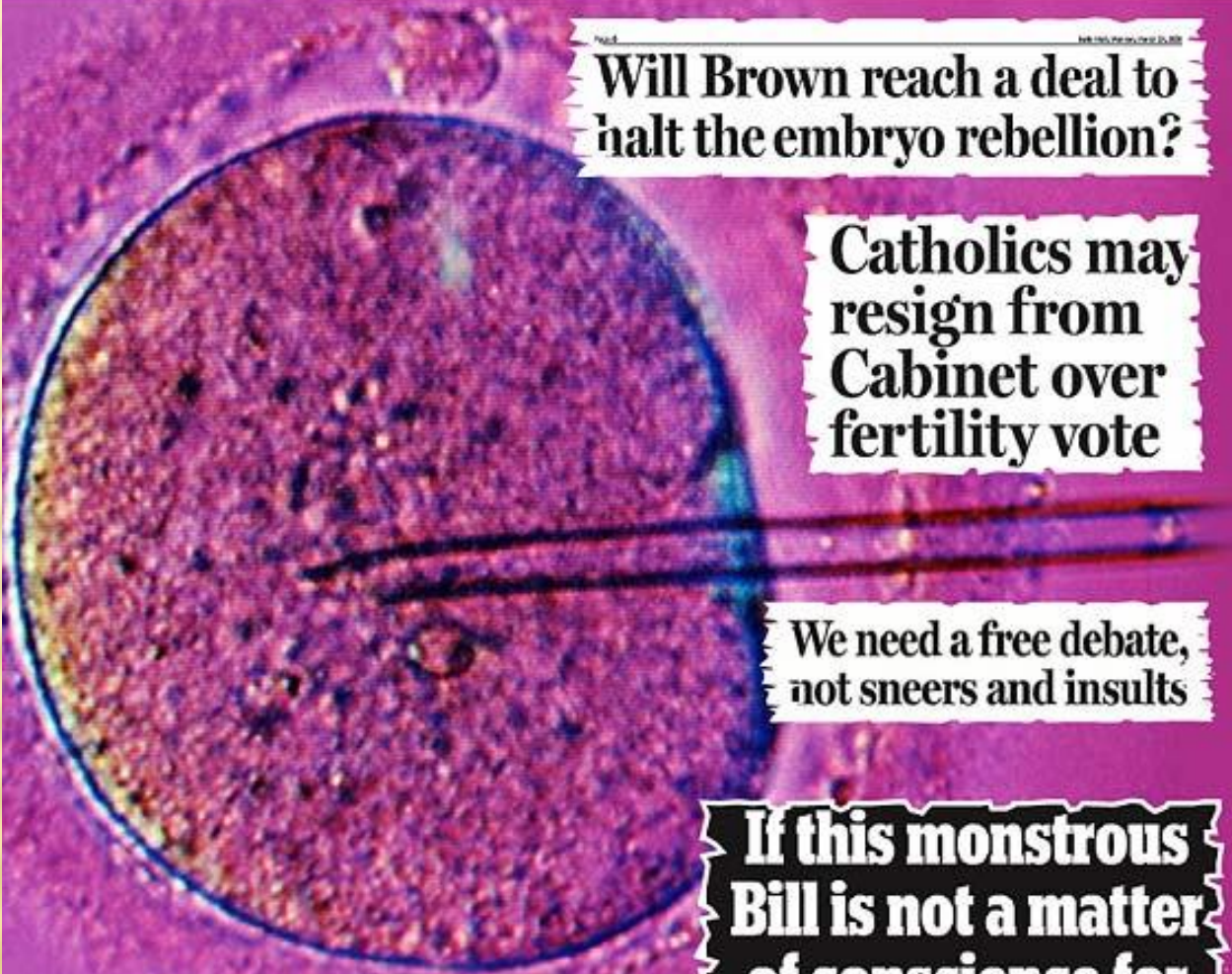
“Old Joe” Fletcher

At one stage despondency about the technique persuaded the team to try for fertilization of a human egg and sperm cell, and embryo growth, in the sheep. After collecting a mature egg from a patient, we placed it and sperm cells from her husband in the sheep oviduct (the animal equivalent of the fallopian tube). But whereas the sperm cells survived in this environment, we were unable to find any trace of the egg. *In some ways we were relieved at the failure of this experiment as it may have been difficult to convince the community that the sheep was an appropriate place for human fertilization and early human development.* [Emphasis added]

Professor Carl Wood and Ann Westmore, *Test-Tube Conception*, Melbourne, Hill of Content Publishing Company, 1983, 48



HIGHLIGHTED THIS CRUCIAL MORAL DILEMMA ... AND WHAT HAPPENS NEXT



Will Brown reach a deal to halt the embryo rebellion?

Catholics may resign from Cabinet over fertility vote

We need a free debate, not sneers and insults

If this monstrous Bill is not a matter of conscience for MPs, then what is?

FREE VOTE

HYBRID EMBRYOS

The Bill permits the creation of part-animal, part-human embryos for medical research. Scientists want to use the 'shells' of animal eggs with inserted human DNA as a source of cells for research because donated human eggs are in short supply.

NEED FOR A FATHER

Fertility clinics cannot at present offer a women IVF treatment 'unless account has been taken of the welfare of any child who may be born as a result of treatment (including the need of that child for a father)'. Under the new Bill, IVF providers will simply have to consider a child's need for 'supportive parenting' to avoid discrimination against lesbians and single women.

SAVIOR SIBLINGS

Parents with a child suffering from a serious medical condition will be able to use IVF to create a sibling who will be an ideal donor. Embryos are genetically selected to ensure a tissue match before being implanted into a woman. Umbilical cord blood, bone marrow and 'other tissues' - though not whole organs - can then be harvested to help save the baby's older brother or sister.

NO FREE VOTE

EMBRYO SCREENING

The Bill extends the rights of parents with a history of genetic diseases to use IVF and screen out embryos found to carry the condition. Sex selection will remain banned, except to avoid gender-related disability.

LESBIAN PARENTS

Both members of lesbian couples who conceive using donated sperm, eggs or embryos will be able to register as parents on birth certificates for the first time. Where sperm donor fathers are excluded by lesbian parents, children brought up by lesbian couples who wish to contact their fathers will have to wait until they are 18 to exercise that legal right.

ALTERNATE FAMILIAL RELATIONS



I can't believe
that's going to be
MY baby...



STRANGE MATTER

ROZ CHAST



**WILL PAY \$1,000,000,000
FOR DONOR EGG!**



US: RICH AND PICKY.



YOU: SEE BELOW:



Must be 5 feet, 10 inches exactly. Beautiful, slender, blond hair, blue eyes, perfect nose. NO ZITS EVER IN ENTIRE LIFE. 1500+ SAT's, please. We want a Nobel-Prize-winner-to-be or ALL BETS ARE OFF, MISSY!



Do you possess the intellect of Madame Curie, the compassion of Mother Theresa, the statesmanship of Golda Meir, the seductiveness of Greta Garbo, the athleticism of Florence Joyner-Kersey, and the timeless fashion flair of Jackie Kennedy? Then call us PRONTO!



Also required: FULL MEDICAL HISTORY OF YOUR FAMILY GOING BACK TO 1200 A.D. No: cancer, heart disease, diabetes, schizophrenia, mental retardation, deafness, blindness, obesity, shingles, or buck teeth - and definitely none of those weird orphan diseases! NOT EVEN IN A THIRD COUSIN!! DON'T EVEN THINK ABOUT IT!! No neurotics or Nervous Nellies. No Sylvia Plath fans. Great disposition and prove it, sister.



CALL 1-800-PERFECT FOR MORE INFORMATION.



HEALTHY AS A HORSE!



FIT AS A FIDDLE!

DON'T CALL US, WE'LL CALL YOU.

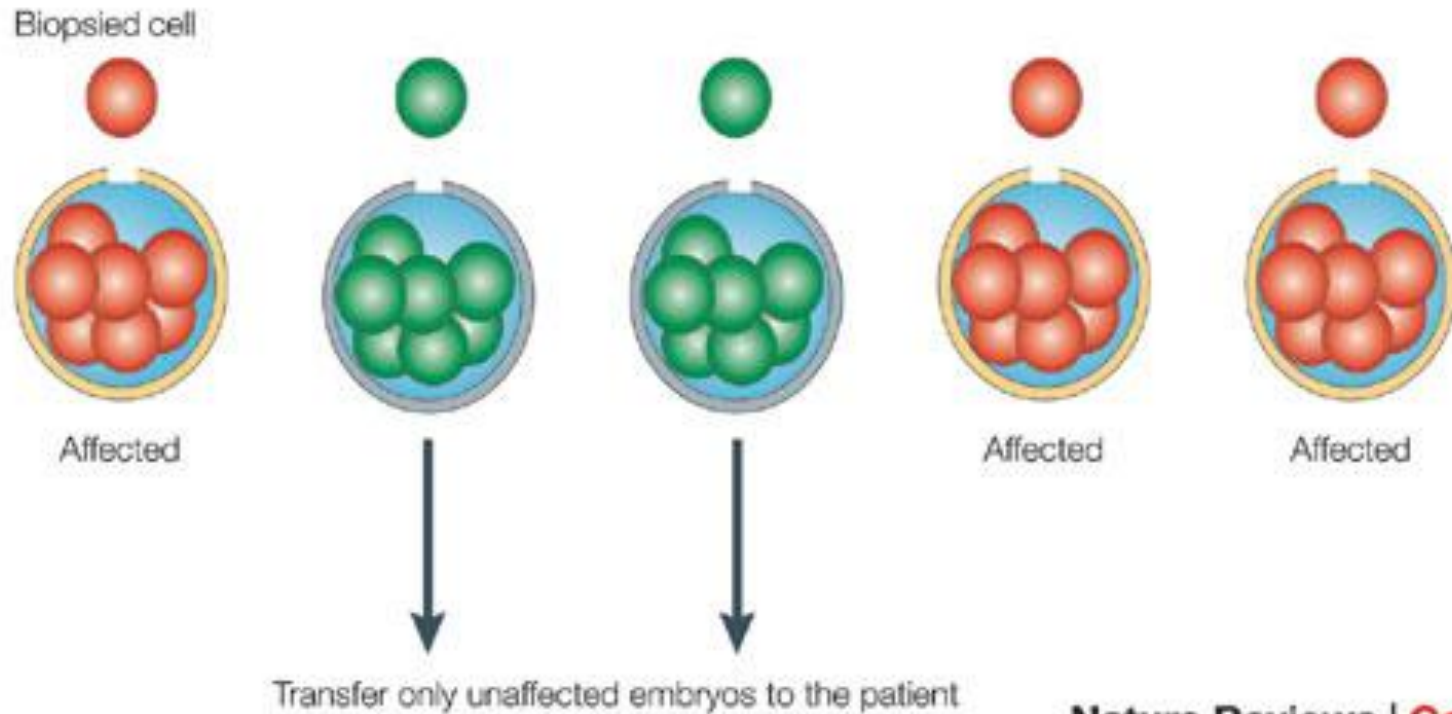
R. CHAST



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Adriana Iliescu -
mother at 67 using
donated egg and
sperm

SELECTING CHILDREN





FROM THE DIRECTOR OF 'THE NOTEBOOK'

cameron diaz

abigail breslin

my sister's keeper

with nicolas cage, jason patric, sophie castellan, and jason creek

When a young girl is diagnosed with a rare, life-threatening condition, her mother must find a way to keep her safe and healthy. In this heartwarming and emotional story, Cameron Diaz and Abigail Breslin star in a touching tale of love, sacrifice, and the power of family.

Available on DVD and Blu-ray

June 26

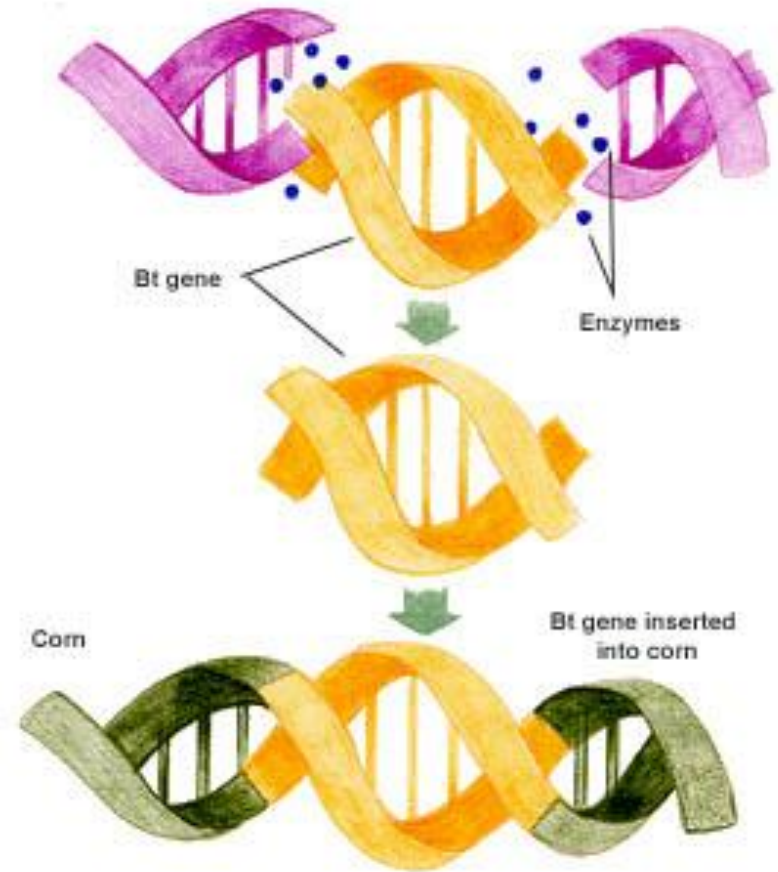
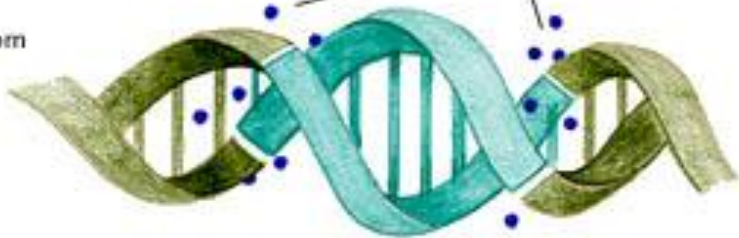


Bt gene will help corn resist harmful insects



Enzymes are used to move genes

Corn



Corn

Bt gene inserted into corn



THE RISK OF BIRTH DEFECTS

THE risk of defects among IVF babies have come to light in a number of medical studies.

U.S. research involving nearly 20,000 births published this year showed such babies were twice as likely to have heart defects and four and a half times as susceptible to digestive tract disorders.

The study, by the U.S. Centers for Disease Control and Prevention in Atlanta, also showed the infants had 3.7 times the risk of

bowel disorders and four times more likely to have a cleft lip.

In 2002, a survey of births in Western Australia showed a two-fold increase in the risk of major birth defects.

A study in 2004 revealed a 29 per cent increase in cases of major birth defects.

And a 30 per cent increase in the risk of major birth defects came to light in research in 2007.

