

Brave new world?

Man has bred animals for research for decades, but their use in the laboratory is increasing. In 1994 the total number of experiments on animals rose by 15,000 to 2.8 million. Genetic manipulation of animals is now the fastest-growing area of vivisection. The number of creatures whose genes were tinkered with as part of an experiment, rose by 22 per cent to 256,000.

Brothers Charles and Jay Vacanti hope the technique they are pioneering, growing an ear from human cells on the back of a genetically-engineered mouse, could be used to reconstruct ears lost in accidents or to give normal hearing to children born

There are plenty of people who oppose these developments. A spokeswoman for Campaign Against Slogoblar and Bizarre, Vivisection for the British Union for the

Some organizations have taken the European Court of Justice challenge is the so-called 'chimeras' bred specifically to study disease, and potentially understood. To animal welfare is an animal designed to suffer and die



IDEAS

&

ISSUES

Intermediate

How does this make you feel?

disabled sport. The cynical might say it will simply promote Nike. "I did wonder whether this ad was going to be in good taste," he admits. "But when they explained the idea to me, I quite liked it. It portrays me as an athlete, not a victim,

and I think it's a positive message. "The fact is, I've always been like this. I was born like this and you don't mind what you've never had. I dream of having limbs. Of course I do. But I'm happy the way I am and I get on

UGLY DUCKLING

Television exposure damages child speech

Olivia Johnston
Mark Farrell

Chancerel



babies in inner-city Manchester showed television exposure as delaying speech. At two years, their televisions stopped them from talking to talk as early as they should. At eight months, they neither recognised their names nor basic words like "juice" and "bricks". At three, they had the language of two-year-olds.

birthday barbecue on the body, that is, except I thought there had been a mistake and that my inventory had been lost. But when I spoke to the hostess, she said: "You're too fat to be on the beach."