

# Animal donors

Researchers are looking to source an increasing variety of living tissue, including solid organs, from pigs. Many are attempting to genetically engineer the animals to reduce the risk of rejection and infection in humans.

## Cornea

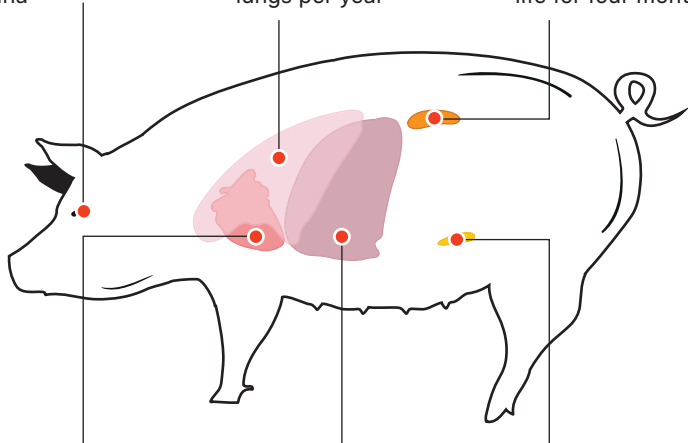
Pig corneas were approved for marketing in China

## Lung

A factory farm is being designed to produce 1,000 pig lungs per year

## Kidney

A kidney with six genetic modifications supported a baboon's life for four months



## Heart

A genetically modified pig heart implanted in a baboon's abdomen, but not used as a replacement heart, survived for two and a half years

## Liver

Livers could be engineered to produce their own antibodies against primate immune cells

## Pancreas

Phase III clinical trials of insulin-producing islet cells are under way