HUMANS
ANIMAL RESEARCH
SAVES LIVES AND CURES DISEASES

Feline research has led to cures for feline diseases...
- Feline respiratory disease
- Parasites
- Autism
- Legionnaires disease
- Multiple sclerosis
- Heart disease
- Cancer
- Alzheimer’s
- HIV/AIDS
- Spinal cord injury
- Autism
- Congenital deafness - white cats
- Neurological mechanisms of hearing loss
- Cochlear implant

FOR EXAMPLE
Development of Cochlear Implants

Pig research has led to cures for pig diseases...
- Pseudorabies
- Blue ear disease
- Learning disorders
- Organ transplants
- Diabetes
- Heart disease
- Cancer
- Cystic fibrosis
- Alzheimer’s disease

FOR EXAMPLE
Invention of Computer Assisted Topography (CAT)
Approximately 97% of animal research is conducted in rodents, fish, and birds. Studies in other species are awarded funding only when appropriate.

### Animal Research is Regulated

- **Animal Welfare Act and Public Health Service Act**
- Federal agencies (NIH, USDA)
- The Guide for the Care and Use of Laboratory Animals
- Institutional Animal Care and Use Committees; institutional veterinarians

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**FOR EXAMPLE**

- **Discovery of Vitamin C**
  - Goat research
  - Hereditary antithrombin deficiency
  - FDA approved anticlotting drug

- **Goat research**
- **has led to cures for**
- **goat diseases**
- Parasitic infections
- Metabolic defects
- Bacterial infections
- **Organ transplants**
- **Genetic diseases**
- **Organ scaffolding**
- **Cancer**
- Spinal cord injury
- Hydrocephalus
- Osteoporosis
- HIV/AIDS

- **Goat research**
- **has led to cures for**
- **human diseases**
- **and to cures for**
- **diseases affecting humans and goats**
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- **Hereditary antithrombin deficiency**
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