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

Development of Cochlear Implants

- Congenital deafness - white cats
- Neurological mechanisms of hearing loss
- Cochlear implant

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

Invention of Computer Assisted Topography (CAT)

- Pig research
- Computer modelling
- Invention of CAT Scan
Approximately 97% of animal research is conducted in rodents, fish, and birds. Studies in other species are awarded funding only when appropriate.

**Animals in Research**

- 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 goat diseases...
...to cures for human diseases...
...and to cures for diseases affecting humans and goats

**FOR EXAMPLE**

Treatment for Rare Blood Condition

- Goat research
- Hereditary antithrombin deficiency
- FDA approved anticlotting drug

**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

Animal Welfare and Safety

FASEB
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