



# FASEB

Federation of American Societies  
for Experimental Biology

# ANIMAL RESEARCH

## SAVES LIVES AND CURES DISEASES



**Feline research has led to cures for feline diseases...**



**...to cures for human diseases...**

**...and to cures for diseases affecting humans and felines**

Feline respiratory disease  
Parasites

Autism  
Legionnaires disease  
Multiple sclerosis

Heart disease  
Cancer  
Alzheimer's  
HIV/AIDS  
Spinal cord injury

**FOR EXAMPLE**

**Development of Cochlear Implants**



Congenital deafness - white cats



Neurological mechanisms of hearing loss



Cochlear implant



**Pig research has led to cures for pig diseases...**



**...to cures for human diseases...**

**...and to cures for diseases affecting humans and pigs**

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)**



Pig research



Computer modelling



Invention of CAT Scan



Parasitic infections  
Metabolic defects  
Bacterial infections

Organ transplants  
Genetic diseases  
Organ scaffolding

Cancer  
Spinal cord injury  
Hydrocephalus  
Osteoporosis  
HIV/AIDS

**FOR EXAMPLE**

**Treatment for Rare Blood Condition**



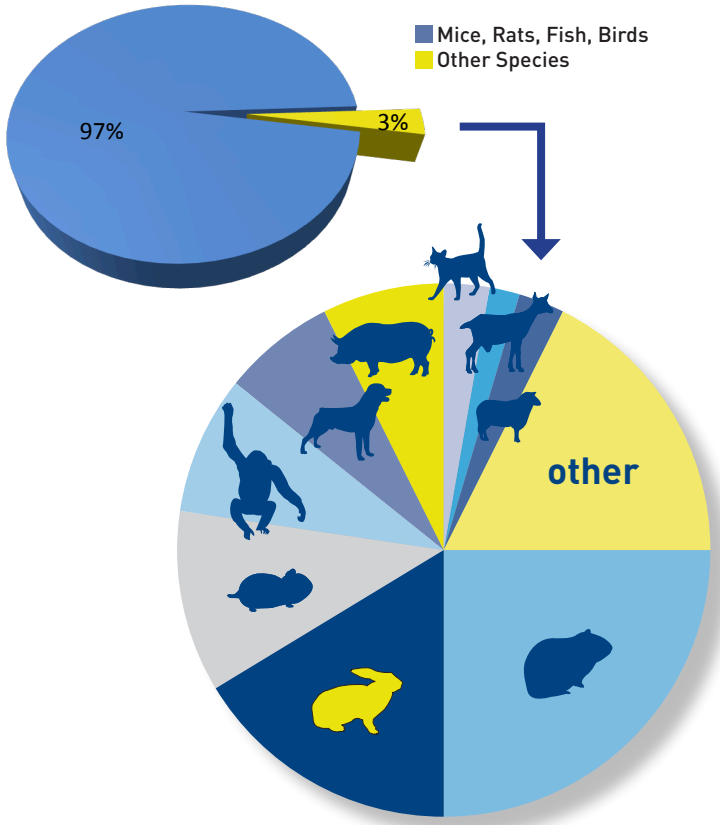
Hereditary antithrombin deficiency



FDA approved anticlotting drug

**Animals in Research**

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**



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