



FOUNDATION FOR
BIOMEDICAL
RESEARCH



For people, for
animals, for the
common good

Science
speaks for itself when
it helps our pets

A group of five Siamese kittens with light cream-colored fur and dark brown faces and ears. They have striking blue eyes and are looking towards the camera. They are huddled together, with some heads in the foreground and others slightly behind.

Real Pet
Stories.
Real Impact.

Linda's Siamese kittens

It may begin with the science
but it ends with treatments
and cures. All bets are off
in biomedical research.
Anything is worth it to save
our pets.

Since 2020 the Foundation for Biomedical
Research has shared the real pet stories of
animals who have benefited from animal
research. These stories of real people and real
pets are too good not to share.

fbresearch.org/fbr-real-pet-stories



The Condition

Equine Cushing's disease

The Treatment

Prascend

Allegro

Allegro benefits from modern veterinary medicine, including Prascend (developed through animal research) to treat the pony's metabolic disorder. After treatment, Allegro's bloodwork and symptoms improved. The pony even has a senior formulated diet developed though animal testing. This cheeky character makes up for in personality what she lacks in size.

Ruppert

Role

Training cat in
a research lab

Purpose

Technicians worked with
Ruppert to learn basic
procedures such as shaving,
dosing and blood draws

Animals play an important role in basic disease research and for the development of drugs and vaccines. Karen adopted Ruppert through a laboratory animal adoption program at work. Ruppert loves to play fetch and greets everyone who comes into his forever home.



Astrid

The Condition

Intrahepatic
portosystemic shunt

The Treatment

Surgery



Astrid had a vessel present in her liver that allowed blood to bypass filtering through the liver and instead was sent back into her bloodstream while containing toxins. The dog started medication and a prescription diet before a successful surgery at Colorado State University Veterinary Teaching Hospital.



The Condition

Nasal cancer

The Treatment

Radiation and
chemotherapy

Elmer

Elmer had nasal carcinoma with brain involvement and a peripheral nerve sheath tumor. Elmer got 16 more months because of cancer treatments that helped extend his life.

Biomedical researchers developed chemotherapy treatments that benefit both human and animal lives.

Photo: Sara's Photo Creations, LLC



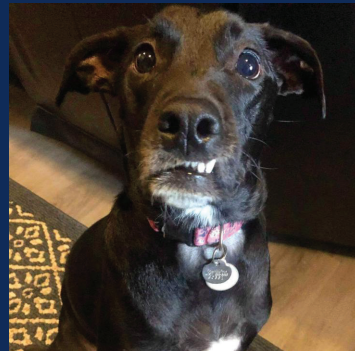
Cleo took the drug pimobendan (the result of animal research) for chronic degenerative valvular disease (CVD), a common cardiac disease in dogs.



Maggie May, a former laboratory cat, was adopted after taking part in a research study to develop an injectable immunocontraceptive vaccine to help save elephants in Africa.



Fifi beat cancer (gastrointestinal T-cell lymphoma) after six months of chemotherapy and three treatment regimens.



Bones takes a daily prednisone pill and gets Zycortal injections to manage Addison's disease.

Echo

The Condition

Urinary tract infection (UTI) and bladder stones

The Treatment

Antibiotics, prescription diet and surgery

Echo took antibiotics and has a prescription diet for a recurring UTI. Eventually, Echo had a cystotomy to remove bladder stones. Animal research contributed toward advanced treatment options for bladder blockage that can be fatal if left untreated.



Kaylee Bear

The Condition

Systemic lupus
erythematosus

The Treatment

Steroids



Kaylee Bear had systemic lupus erythematosus, which is an autoimmune disease with no cure that can affect multiple body systems. Treatment included steroids and staying out of the sun. Kaylee Bear's owner Sandy is a research animal technician who says she works in animal research because someday early detection methods, treatment options to increase quality of life, and even cures can be found for lupus and other life-threatening diseases for humans and pets.

Cleo

The Condition

Brain tumor

The Treatment

Surgery



Cleo had surgery to remove a benign tumor called a meningioma. It was a success! Cleo's behavior and gait returned to normal. Animal research helps ensure better treatments, better medications and better surgeries.

95%

of animals in research are
mice, rats and zebrafish

Canine and feline
cancer research
sheds light on treating
human cancers.

Some top human
prescription drugs also
get prescribed to pet
dogs and cats, including
lisinopril for blood
pressure, prednisone for
allergies and alprazolam
for anxiety disorders.

9 in 10

top prescription drugs
involved research with
canine models

Clyde

The Condition

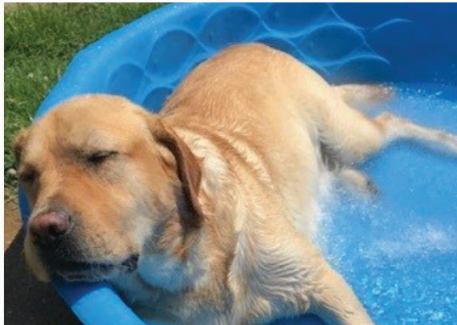
Spindle cell sarcoma

The Treatment

Cryotherapy



Clyde had an aggressive cancer in his chest muscle. He was part of a Johns Hopkins “lumps and bumps” dog and cat trial where veterinary staff cryogenically freeze tumors. Johns Hopkins students developed the cryotherapy technology, studied with mice and rats, to help treat breast cancer and save lives. Clyde’s cancerous tumor shrunk and he was able to live a longer, more comfortable life after treatment.





The Condition

Feline immunodeficiency
virus

The Treatment

Antibiotics

Kitten

Kitten tested positive for FIV and took antibiotics after a case of diarrhea in 2016. She also required antibiotics and anti-inflammatories after developing another serious infection a few years later. Kitten maintains a prescription diet. Cats with FIV can have a normal life expectancy and greatly improved lives thanks to the work of animal research.

Real science leaves lasting impacts on real lives through improved medicine and treatment options for people and pets.

These health journey success stories started with biomedical research with animals. Animal research and testing leads to hope and cures for diseases and disorders that affect people and pets.

Partner with the Foundation for Biomedical Research to support improved health for all. Make a donation to FBR today to support humane and ethical animal research that helps save lives. We couldn't do our work without YOU!

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"I support FBR because FBR supports research and provides education, information and tools so the public can better understand the benefits research has to offer. Research has helped me and my loved ones stay healthy and live productive and happy lives. From vaccines against childhood diseases (and more recently COVID-19), cancer treatments, diabetes, sleep apnea, GERDS, etc., my family and I have all benefited."

— Noé



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Bare, epilepsy survivor

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