

GLOBAL NEWS

Dogs can pick out individual words when we speak to them¹

New scientist, Oct 31st 2021



Study finds dogs learn about word boundaries as human infants do. A new study combining EEG and fMRI by researchers from the Dept. of Ethology, Hungary has found that dogs extract words from continuous speech using similar computations and brain regions as humans do. The study published in the journal Current Biology is the first demonstration of the capacity to use complex statistics to learn about word boundaries in a non-human mammal. This new brain imaging study discovered that dogs may also recognize complex regularities in speech similar to human infants.

Shaping the Future: Telemedicine: practice saver or ethical dilemma? Experts to debate the impact of telemedicine on veterinary practice globally during WSAVA Congress 2021²

A team of global experts will discuss the impact of telemedicine on veterinary practice during the World Small Animal Veterinary Association (WSAVA) 2021 Congress, which takes place online between November 13-15 2021. Advances in technology have combined with the COVID-19 pandemic to accelerate the practice of what is commonly known as telemedicine although main speaker, Dr Jean Gauvin, will explain that this term is confusing because it actually encompasses a wide range of online activities. During the session, he will discuss the opportunities – and the limitations – of telemedicine. He will also highlight the benefits it can offer, as well as the ethical issues that can arise from its use.

Nutritional studies reveal cat characteristics³

Petfood Industry, October 2021

"It's not uncommon for a cat to live up to 17 years of age and similar life spans are true for smaller dogs," said Emma Birmingham of AgResearch Ltd. "Increased life span for cats and dogs has been attributed to better diets and increased veterinary care." Birmingham presented her research from a lifetime study of aging in the domestic cat. She said increasing the lifespan of pets does come with risks – more frequent health problems including obesity, sarcopenia and diabetes. More than 40% of pets are now considered obese. Birmingham's study



investigated the impacts of diet on the cat microbiome to understand if there were any long-term impacts on the health of the cat. The study compared commercial cat food – a high-quality extruded kibble against a canned product. The study revealed a trend that starting at 1 year of age, cats fed extruded diets maintain a heavier bodyweight than those that eat canned cat food. That is due in some part to starting at 7 years of age, cats fed extruded diets stop losing/gaining weight based on seasonal changes. Birmingham said the study suggests older cats may be able to less tolerate high levels of excess energy or dietary carbohydrate. In cats fed extruded diets, protein digestibility increases after 1 year of age and then remains consistent. In cats fed a canned food diet, digestibility is more consistent during the entire life of the cat.

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Vivaldis Health & Foods Pvt. Ltd.

Office No. 803/804, Clover Hills Plaza, NIBM Road, Pune- 411048, Maharashtra, India.

Help-line No.: +91 7767922244 | Email : info@vivaldis.co.in | Website : www.vivaldis.co.in

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STUDY

Effects of silybin supplementation on nutrient digestibility, hematological parameters, liver function indices, and liver-specific mi-RNA concentration in dogs

BMC Veterinary Research, June 2021

Hepatopathies are an important group of disorders in dogs where proper nutritional care is crucial. Supplementation with a hepatoprotectant like silybin can improve liver function and should not interfere with nutrient digestibility. The purpose of this study was to investigate the effect of both pure silybin and commercial hepatoprotectant on nutrients digestibility, liver function indices and health status in healthy dogs (EXP1). Moreover, the second experiment (EXP2) investigated the effect of commercial hepatoprotectant on liver function tests and liver-associated miRNAs concentration in dogs with idiopathic liver disorder.

Results - Nutrient digestibility was not affected by treatment in EXP1. The levels of liver markers such as ALT, AST and GGT significantly decreased. In EXP2, supplementation with commercial hepatoprotectant containing silybin improved liver function tests. A decrease was observed in liver serum markers such as ALT, AST and miR122 concentration.

Vivaldis corner

Vivaldis launches Prolivet Large Dogs, for dogs larger than 16kg. Prolivet is the advanced triple combination of SAME, Siliphos (Silybin + Phosphatidylcholine) & Vitamin E, in a single highly palatable tablet.

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FOR LARGE DOGS >16 kg



Dosage:

16-30kg BW - 1 tablet OD for a minimum of 30 days
31-50kg BW - 2 tablets OD for a minimum of 30 days
>50 kg BW - 3 tablets OD for a minimum of 30 days

Presentation – 10 tablet container