

猫粮膳食纤维在改善猫肠道健康状况中的应用分析

中文摘要

膳食纤维（Dietary Fibre, DF）是指能耐受人肠道酶消化作用的植物细胞壁、动物的多糖和植物木质素的总称，被营养学称为“第七大营养素”。根据是否溶解于水，可分为可溶性膳食纤维（Soluble Dietary Fibre, SDF）和不可溶性膳食纤维（Insoluble Dietary, Fibre, IDF）。猫便秘与腹泻是常见且多发的功能性胃肠道疾病。由于膳食纤维改善肠道健康的研究已经从人延伸到猫，且取得一定进展。因此，近几年，国外很多著名猫主粮公司，已经将膳食纤维作为功能猫粮的营养素添加在猫主粮中，以求改善猫便秘与腹泻状况，促进猫肠道健康。本研究课题希望通过收集查询国内外学术刊物、专利、猫肠道营养学方面的网站等途径，进行膳食纤维对促进猫肠道微生物有益菌群扩增，改善猫便秘与腹泻，从而提升猫肠道健康状况具有一定功效的研究循证，为国内快速发展的宠物食品行业的猫主粮品牌商、生产商提供提升猫主粮肠道健康功能的指导意见，从而促进国产猫粮的优化升级。

关键词：膳食纤维 便秘 腹泻 肠道微生物 猫粮

ABSTRACT

Dietary fiber (Dietary Fibre, DF) refers to the collective name of plant cell walls, animal polysaccharides and plant lignin that can tolerate the digestion of human intestinal enzymes, and is called the "seventh largest nutrient" by nutrition. According to whether it is dissolved in water, it can be divided into soluble dietary fiber (Soluble Dietary Fibre, SDF) and insoluble dietary fiber (Insoluble Dietary, Fibre, IDF). Cat constipation and diarrhea are common and frequent functional gastrointestinal diseases. Since the research of Dietary Fiber improving intestinal health has extended from human to cat, and has made some progress. Therefore, in recent years, many well-known cat staple food companies abroad have added Dietary Fiber as a nutrient for cat food to improve cat constipation and diarrhea and promote cat intestinal health. This research project hopes that by collecting and querying domestic and foreign academic journals, patents, cat intestinal nutrition websites, etc., dietary fiber can promote the expansion of beneficial bacteria in cat intestinal microbes, improve cat constipation and diarrhea, and thus improve cat intestine Evidence-based research on health status has certain efficacy, and provides guidance to cat food staple brands and manufacturers in the fast-growing cat food industry in China to improve cat gut and intestinal health, thereby promoting the optimization and upgrading of domestic cat food.

KEY WORDS: Dietary Fibre, Constipation, Diarrhea, Intestinal Microorganisms, Cat Food

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