

AkkMore™：以真菌及植物為基礎的 抗肥胖和糖尿病前期營養補充劑

AkkMore™: a Fungus- and Plant-based Supplement against Obesity and Prediabetes

有助減輕代謝失調及降低體重的飲品

A drink mix which helps to improve metabolic disorders and lose weight

壓力、年齡增長和不良飲食習慣會導致腸道中有益微生物的流失，當中包括嗜黏蛋白阿卡曼氏菌(Akkermansia muciniphila 簡稱Akk菌)。Akk菌可以修復代謝紊亂，促進減脂減重，Akk菌流失有機會引發肥胖或糖尿病。

理大研究團隊研發出能精準促進Akk菌生長的AkkMore™營養補充劑。AkkMore™成份天然，服用方便，而且經測試證實對小鼠及人類安全有效，能夠逆轉受損的腸道環境，為顧客及其腸道益菌同時提供營養，從而塑造健康的腸道屏障和平衡的腸道菌群。



AkkMore™ 配方沖劑
AkkMore™ drink mix

Stress, aging and unhealthy diet could result in loss of beneficial microbes in the human gut. They include Akkermansia muciniphila (A. muciniphila), a beneficial bacterium that can improve metabolic disorders and reduce body weight, the loss of which may lead to obesity or diabetes.

PolyU researchers developed AkkMore™, which precisely targets the promotion of A. muciniphila. Proven safe and effective in mice and humans, AkkMore™ is a handy natural dietary supplement that could reverse damaged gut environments. It helps to shape a healthy gut barrier and balanced gut microbiome by feeding customers and their beneficial microbes simultaneously.

Principal Investigator

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特色與優點

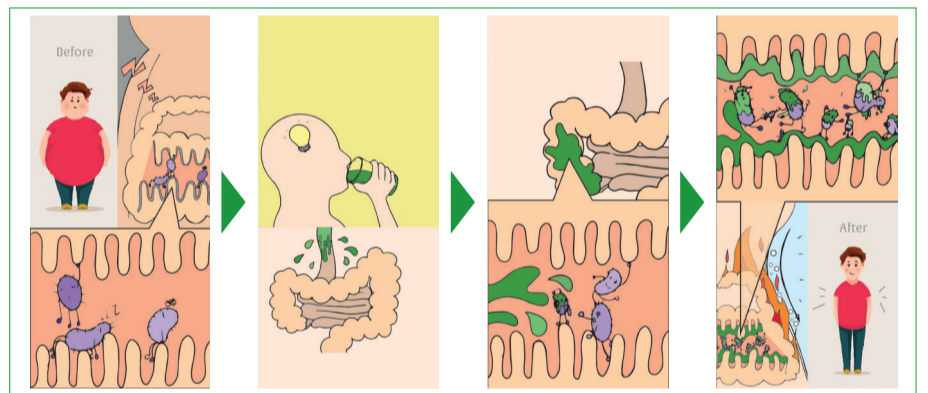
- 首個及唯一經科學驗證、能促進Akk菌生長的天然配方
- 以天然和非人工合成成分精準地提升腸道中Akk菌的數量
- 臨床證實有效改善腸道菌群的平衡
- 安全性高，適合兒童、長者、懷孕及哺乳婦女服用
- 可逆轉受損的腸道環境，並維持健康的腸道屏障
- 能改善肥胖和糖尿病前期

應用

- 代餐粉
- 零食、餅點等食品的營養添加劑
- 有減輕代謝紊亂和控制體重作用的治療保健食品成份

獎項

- 瑞士日內瓦國際發明展 - 2021年網上特別版 - 銀獎 (2022年3月)
- 第6屆中國國際“互聯網+”大學生創新創業大賽 - 金獎
- 第12屆挑戰杯中國大學生創業計劃競賽 - 銀獎
- 2020年廣東眾創杯創業創新大賽 - 銅獎



AkkMore™ 在人體內的作用機制
AkkMore™ mechanism in human

Patent number: 202110432095.4 China, 202010645431.9 China, ZL 2021 2 0824249.X China

Special Features and Advantages

- First and only natural Akk-boosting formula based on scientific data
- Precisely promotes A. muciniphila using natural and non-synthetic ingredients
- Clinically proven to balance the gut microbiome
- Safe for children, the elderly, and pregnant and breastfeeding women
- Reverses damaged gut environment and supports a healthy gut barrier
- Improves obesity and prediabetes

Applications

- Meal replacement powders
- Nutritional additive that can be used in snacks, pastries, and other foods
- Ingredient of therapeutic foods for improving metabolic disorders and weight control

Awards

- Silver Medal - Special Edition 2021 Inventions Geneva Evaluation Days - Virtual Event (Mar 2022)
- Gold award in The 6th China International College Students' "Internet +" Innovation and Entrepreneurship Competition
- Silver award in "Challenge Cup" China College Students Entrepreneurship Competition
- Bronze award for Community Entrepreneurs Cup - Guangdong Entrepreneurship and Innovation Competition

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