



Success On Your Terms

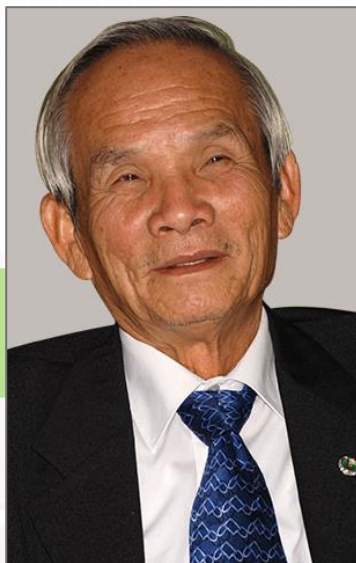
What is Cryptomonadales?



Chlorella

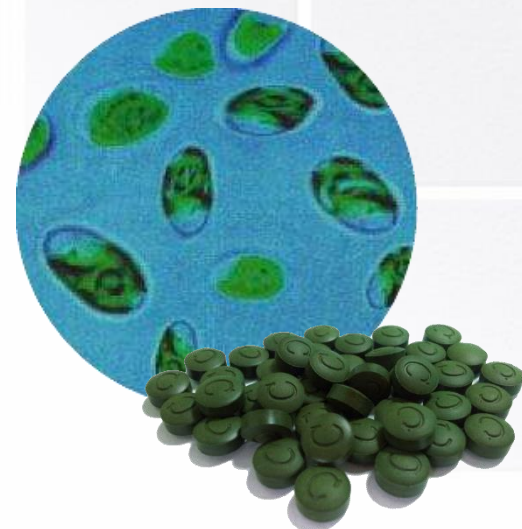


Spirulina



Prof. Shun Te Wang

Cryptomonadales



“King of Algae”

Consisting the strengths of **Spirulina** and **Chlorella**,
a new species of algae
through advanced biotechnology

引藻®
INPPAR®



CRYPTOMONADALES
~ THE NUTRIGENOMICS SUPERFOOD



Active Ingredients in Cryptomonadales

Amino Acids

Vitamins

Minerals

Growth Factor

Phycocyanin

Beta-carotene

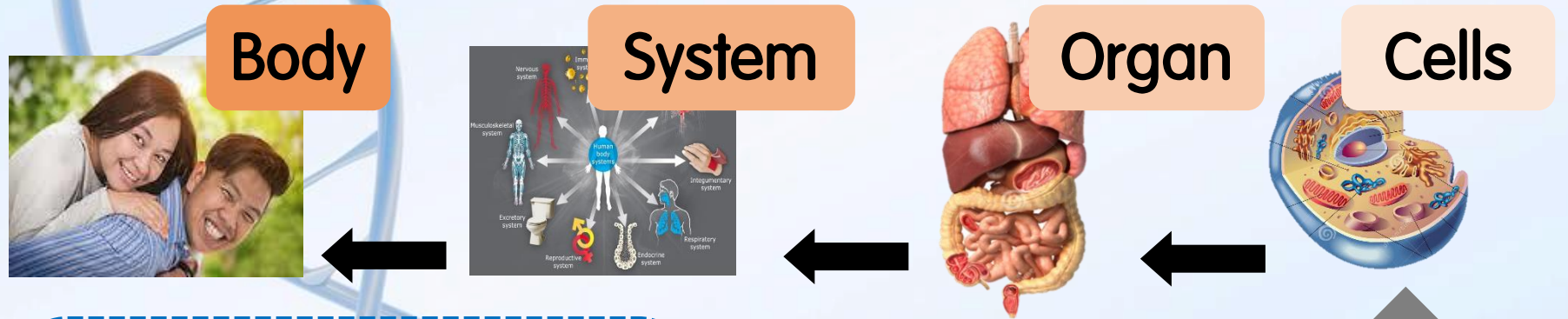
Chlorophyll



PPARs Activator

—— Healthy genes depend on proper nutrient! ——

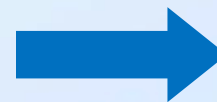
Body Structure



Genes determine:

- ❖ Lifespan of cells
- ❖ Functions of cells
- ❖ Metabolism of cells etc

PPARs



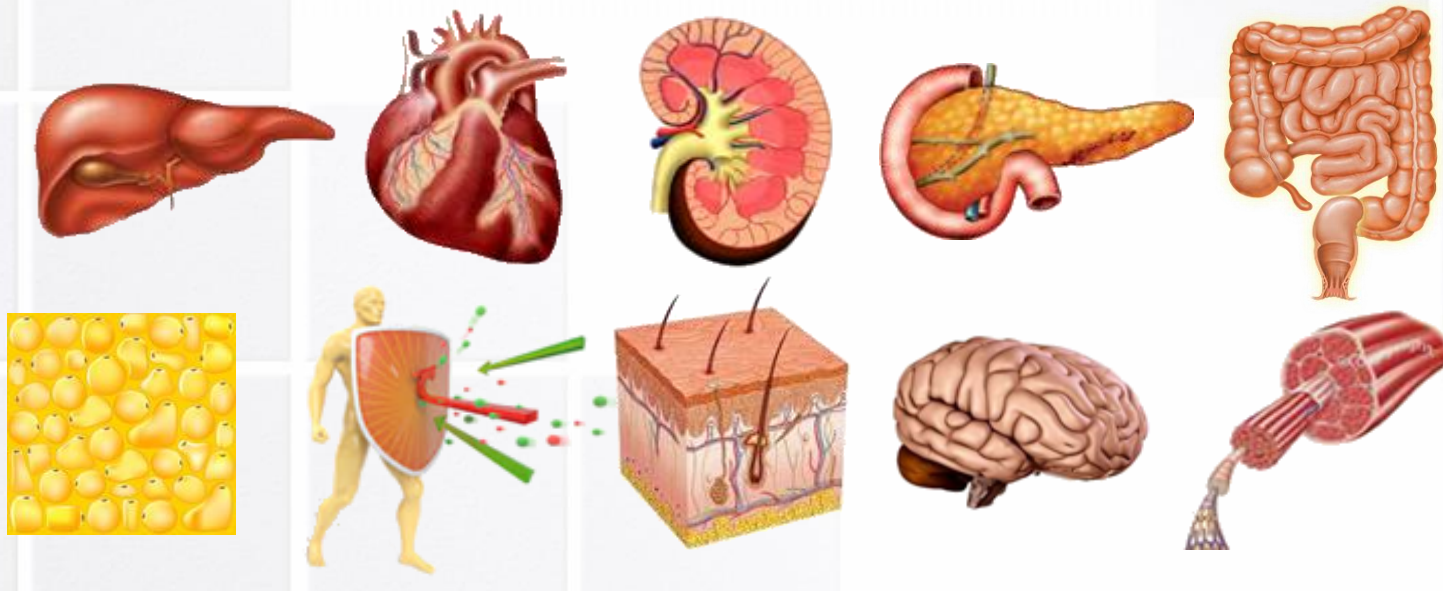
Gene activities

PPARs:

PEROXISOME PROLIFERATOR-ACTIVATED RECEPTORS

What is PPARs?

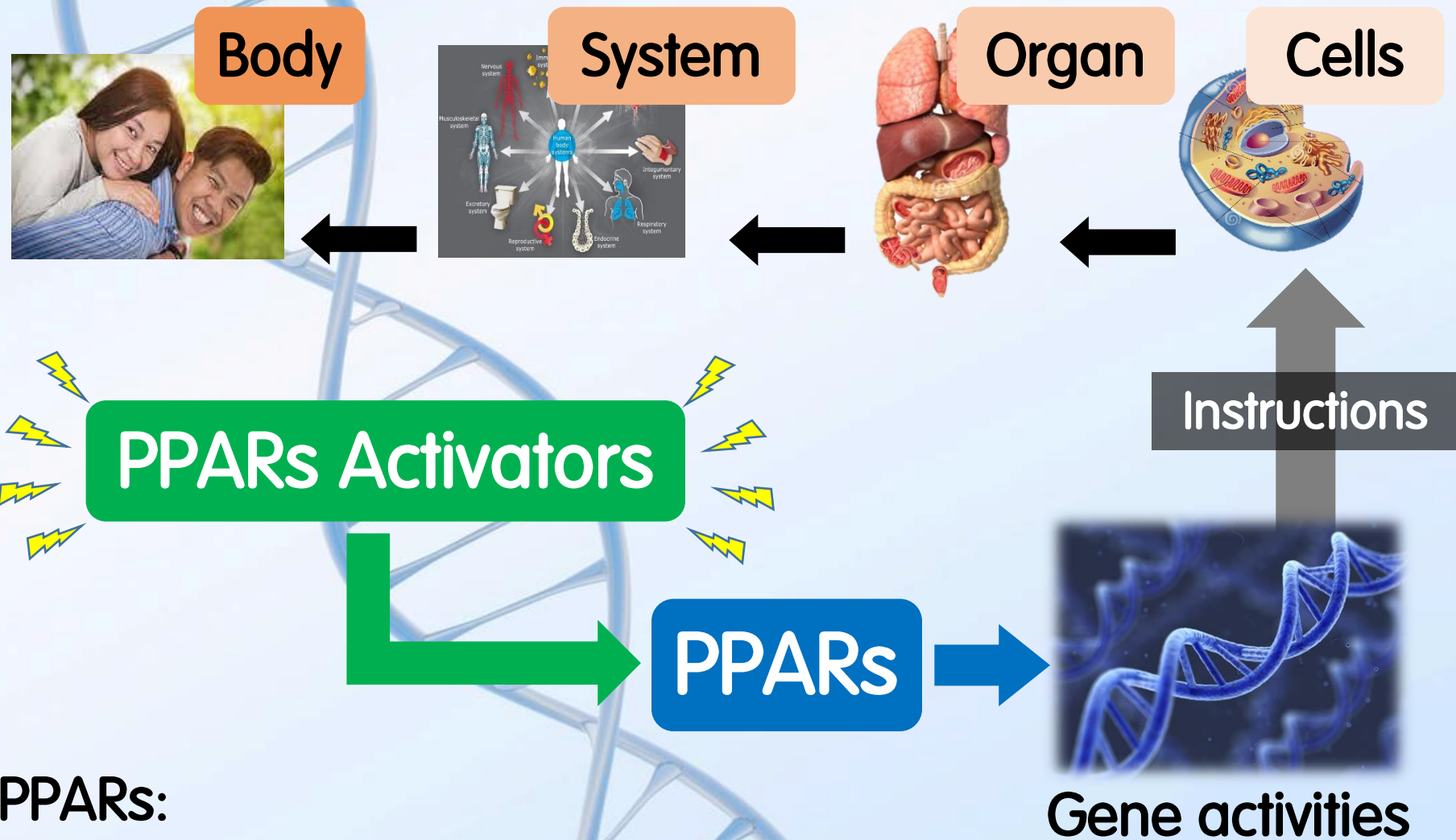
- PPARS is a group of transcription factors that regulate the metabolic genes in nucleus
- There are 3 basic types of PPARS:
 α -ALPHA, β/δ -BETA/DELTA, γ -GAMMA



Regulate & Control

The molecular layer and metabolic processes of the tissue/organ as shown at the picture above

THE INTERACTION OF NUTRIENTS AND CELLULAR GENES



PPARs:
PEROXISOME PROLIFERATOR-ACTIVATED RECEPTORS

How is PPARs activated?



How to obtain PPARs activator?

National Institutes of Health Newsletter
Section 95 2005-04-21

PPARs is known to be the
MOST IMPORTANT
molecules in the Biomedicine of
the 21st century.



第三屆國際PPAR (Peroxisome Proliferators Activator) 全大會於94年3月19日至3月23日摩那哥 蒙第... 人參加此次會議是本人參加數十次國際學術會議中 此分享心得如下。

PPAR可以說是二十一世紀生物醫學上最重要的一個分子，它對二十一世紀最重要的幾種人類疾病，包括高血脂症、糖尿病、高血壓、心臟病、癌症、及免疫發炎疾病都密切相關，相當不可思議。

我會參與PPARs的研究工作，是在八年前受邀參與國際綠藻公司的引藻 (綠藻小球藻的一種) 研究開始。當我發現藻類可以改善血脂肪、降低膽固醇、及糖尿病後，深為藻類此一作用所吸引。我將藻類活性成分可以對膽固醇及糖尿病產生影響，並無法解決心中的疑惑。一直到2002年三月，

The **CRYPTOMONADALES** contains
potent **PPAR active molecules** as
the conclusion of 2 years of studies.

專家，如：何饒通教授、許明珠主任、及張子文教授，並無法解決心中的疑惑。一直到2002年三月，我遇到了國衛院生藥組的趙宇生主任，他在NHRH的研究會議中告訴我，他有一堆地方性的藥物，他有一個SPA平台及細胞株，可以用來測PPAR-α的ligand。當他知道我有這樣的中草藥，他很高興，也答應替我分析引藻是否含有PPAR的活性分子。我將引藻中PPAR的活性分子，其活性與已知的troglitazone (一種PPAR-α的ligand) 有相似功效，他很有興趣去尋找其中的活性成分，對新藥研發或許會有突破。

國際綠藻公司遂與NHRI生藥組及臨床組訂立了一個三年的研究計畫，尋找引藻內PPAR的活性分子。經過兩年的研究，結論是引藻中含有強效的PPAR活性分子，經層析分析研究，在有效的fraction，主要含linolenic acid等類的不飽和脂肪酸。所以這些C16, C18, C20不飽和脂肪酸可能是引藻中PPARs的活性分子。是否有其他少量的共同活性分子 (co-activators) 則有待研究。



The sole algae health product that received 3 certifications issued by the Taiwan Department Of Health

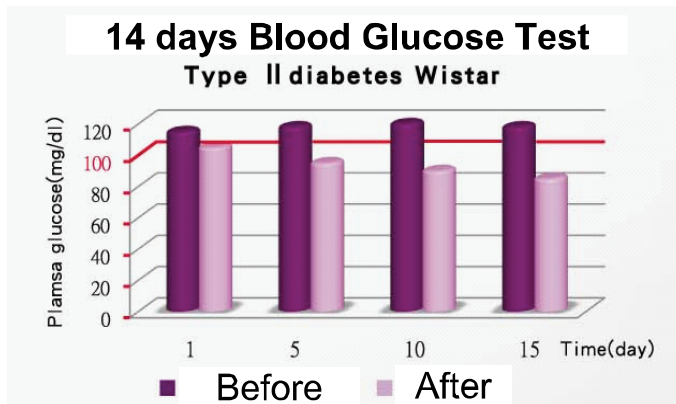




The sole algae health product that received **3 certifications**
issued by the Taiwan Department Of Health



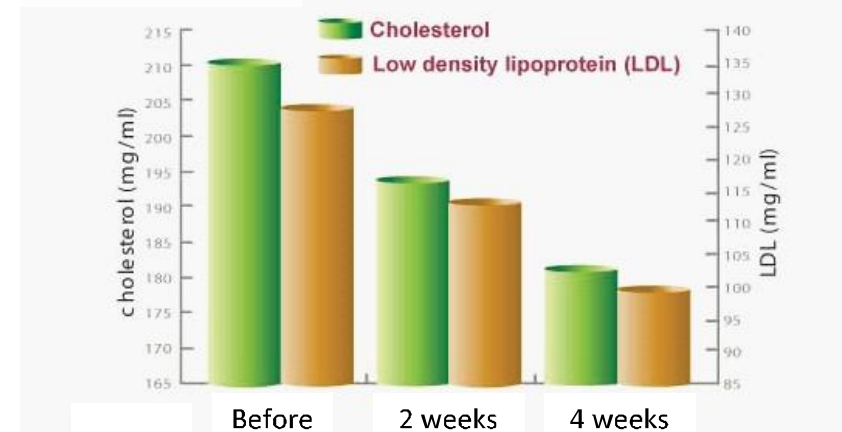
**Helps to
improve diabetes**



**↓ Blood glucose
~20% in 14 days**



**Helps to improve
LDL and triglycerides**



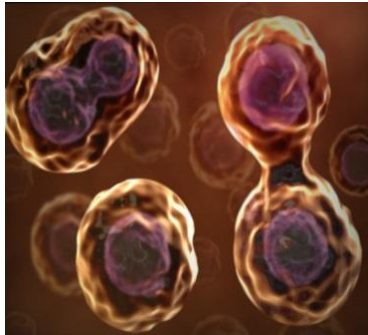
**After 4 weeks,
LDL (Low-density lipoprotein) ~20%
Cholesterol ~14%
↓**



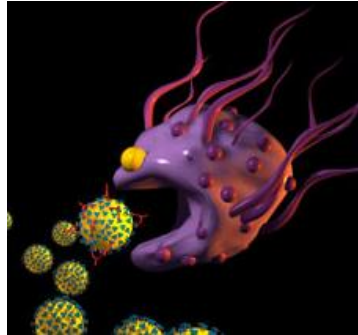
The sole algae health product that received **3 certifications**
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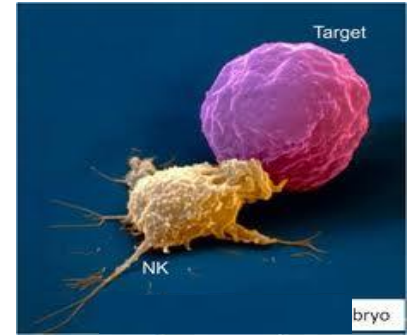
Helps to regulate immune system



**Production of
immune cells**



**Activity of
Macrophage**



**Activity of
Natural Killer
Cells**

Cryptomonadales helps in psoriasis and psoriatic arthritis



National Health Research Institutes

Before



After



National Cheng Kung University

Before



After



Pain score ↓ 50%

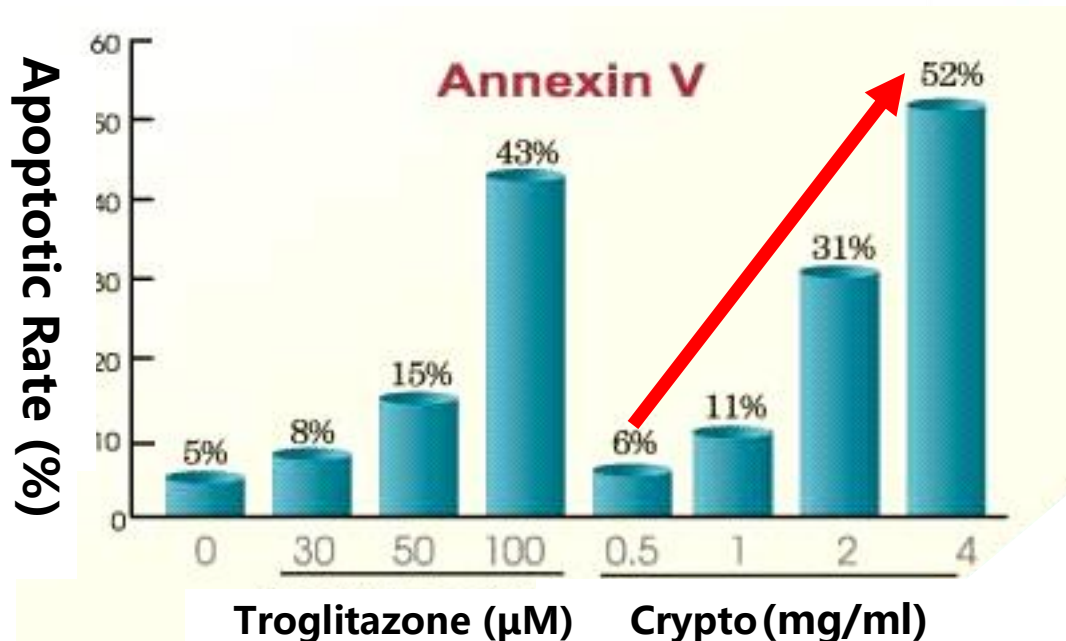
Cryptomonadales inhibits hepatoma



National Health Research Institutes



National Cheng Kung University

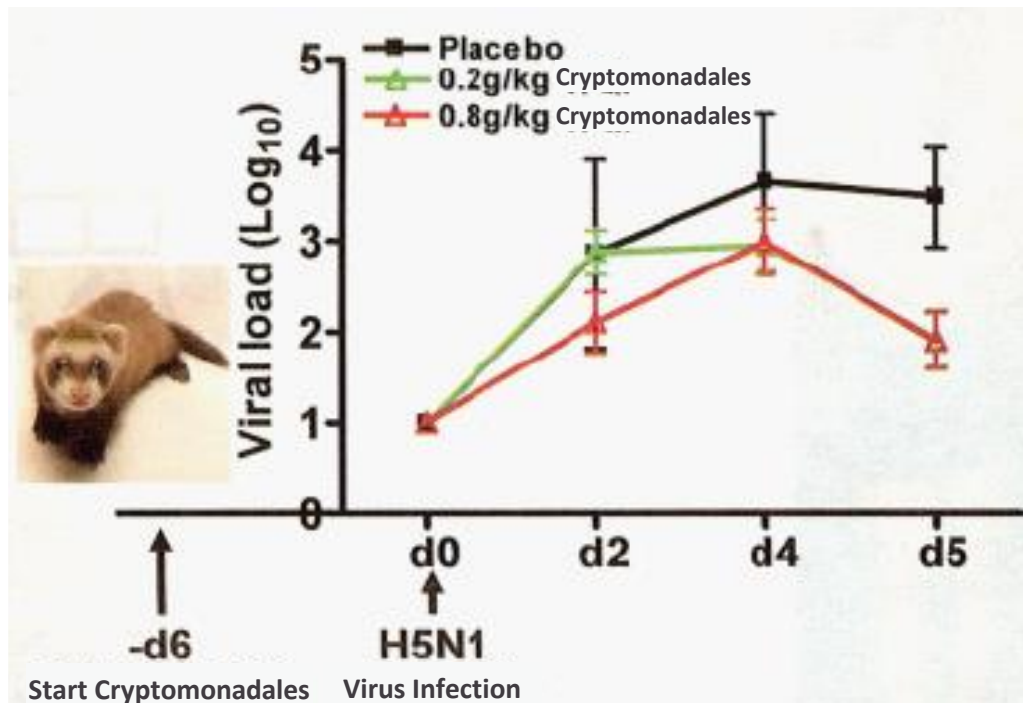


52%
of hepatoma
apoptotic rate

Cryptomonadales reduces virus infection



Erasmus University Rotterdam



100 times
of viral
duplication rate



Immunity
against H5N1
virus infection



University of Esramus,
Holland

National Health
Research Institutes,
Taiwan

National Cheng Kung
University, Taiwan

Industrial Technology
Research Institute,
Taiwan



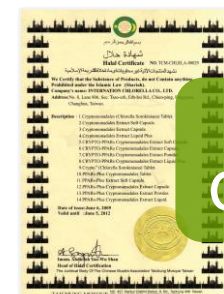
Clinical studies done by authorized bodies



Health Food
Certificate



100% Free
of DEHP



Halal
Certificate

引藻® INPPAR® Uniqueness



100%
Cryptomonadales

Abundant with
PPARs
activators

>95 %
rate of
absorption
and
utilization

Packed with **numerous active nutrients** (amino acids, vitamins, minerals etc) **and phytochemical compounds** (Cryptomonadales Growth Factor, phycocyanin, β - carotene, chlorophyll etc)

Supported by a **strong R&D team**

Backed by numerous **clinical studies** on Cryptomonadales helping to regain health conditions

Directions



Adult

**Take 8-10 tablets,
3 times daily.**

Children

(6-12 years old)

**Take 3-5 tablets,
1-2 times daily.**

*Take after meal.

