

ReishiMax GLP[®]

超級靈芝GLP



養生之王 Elixir of Life

靈芝在自古以來已被視為有延年益壽之功效，而中國及日本等民族使用靈芝養生的歷史更超過了四千年。明朝大醫藥家李時珍在其「本草綱目」中記有「靈芝久食輕身不老，延年神仙」等詞，「神農本草經」也早把靈芝列為上藥，所謂上藥就是最高貴的藥物，並無副作用，長期服用能改善體質，增進人體抵抗力，益壽延年。

靈芝，這個擁有神秘色彩的古老養生珍品，正被現代科技不斷揭開其各項功能。近二十多年來科學研究均證實，靈芝對免疫系統、敏感症狀及保護肝臟等有一定功效。世界各國關於靈芝的研究報告亦達數百篇，這些研究結果都顯示，靈芝的養生功效，已逐一獲得科學上的證實。

Reishi has been acclaimed for its health enhancing properties since ancient times. It is believed that regular use of this herb brings longevity. Reishi has been widely used by the Chinese and Japanese for over four thousand years. Li Shi Zhen of the Ming Dynasty, China's great master of medicine, recorded in Ben Cao Gan Mu, "extended use of reishi will ensure rejuvenation, enjoying longevity like an immortal...." The Materia Medica Classic of Shengnong (Shan 1997) had also rated reishi as the crême of medicinal herb. In other words, the most majestic and noble medicinal herb with no side effects. Extended and regular consumption of reishi will greatly enhance the natural resistance of the body and result in optimum, health and longevity.

In recent years, with the help of modern technology, the therapeutic actions of this mysterious elixir trusted and loved for centuries are being uncovered. Scientific researches over the past twenty years prove that reishi has benefits on immune system, allergies and liver. There are hundreds of research releases on reishi. As demonstrated by the consensus of these reports, the health enhancing benefits of reishi are gradually recognized by science.

References

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3. Ronghua Cao, et al, Study on the antitumor activity of Ganoderma Lucidum polysaccharides, Acta Academia Medicine Shangdong 30(3): 203-206, 210, 1992
4. Xia Dong, Lin Zhibin, Li Rongzhi, He Yunqing, Effects of Ganoderma Polysaccharides on Immune Function in Mice, Beijing Medical University 21(6): 533-537, 1989

ReishiMax GLP®

超級靈芝GLP

超級靈芝 GLP 的功效

Benefits of ReishiMax GLP®

- 有效促進人體免疫系統功能
- 有助保護肝臟功能
- 有效改善睡眠質素
- 促進身體健康
- 此產品或有助穩定血糖
- Supports healthy immune system
- Helps to protect liver functions
- Supports normal, restful sleep
- Enhances overall well-being
- This product may assist in stabilizing blood sugar



超級靈芝 GLP 乃選用透過椴木栽培法培植之上等赤芝 (Ganoderma lucidum) 及 100% 全破壁靈芝孢子精製而成。每粒超級靈芝 GLP 蘊含標準化 13.5% 多醣體及 6% 三萜類成分，經多項動物及臨床研究證實其卓越功效。

ReishiMax GLP® is proprietary blended with red reishi mushroom (Ganoderma lucidum) which cultivated through solid wood log cultivation and 100% reishi broken-spores. Each capsule of ReishiMax GLP® contains standardized 13.5% polysaccharides and 6% triterpenes, there are animal & clinical studies proved its exceptional benefits.

此產品沒有根據《藥劑業及毒藥條例》或《中醫藥條例》註冊。為此產品作出的任何聲稱亦沒有為進行該等註冊而接受評核。此產品並不供作診斷、治療或預防任何疾病之用。

This product is not registered under the Pharmacy and Poisons Ordinance or the Chinese Medicine Ordinance. Any claim made for it has not been subject to evaluation for such registration. This product is not intended to diagnose, treat or prevent any disease.

適合成人服用

Recommended Adult Use

每天服用 2 次。維持正常健康人士，每次服用 1 粒。如欲加強免疫功能人士，則每次服用 2 粒。請隨飲食服用。

Take twice daily with meals. 1 capsule each time for health maintenance or 2 capsules each time for immune modulation.

卓越成就

AWARDS



獲台灣生物醫療品質獎
Won Taiwan National
Biotechnology & Medical
Care Quality Award



獲台灣健康食品許可證
(衛署健食字第 A00023 號)
Received Health Food License
(A00023) from Taiwan
Department of Health



獲頒發中國保健食品註冊批件
(國食健字 G20050452)
Received Health Food Licence
(G20050452) from State Food
and Drug Administration of China



獲上海保健品協會
「名優產品獎」
Awarded as The Famous
Products of Quality from
Shanghai Healthcare
Products

PHARMANEX「6S 品質措施」

PHARMANEX “6S Quality Process”

PHARMANEX 致力為消費者提供以科學方法標準化的營養補充品，為確保每一粒營養補充品皆為安全及有效，PHARMANEX 制定了嚴謹的「6S 品質措施」，以嚴謹的製藥標準開發營養補充品。

PHARMANEX devotes to provide scientifically standardized nutritional products of proven efficacy and unsurpassed quality by applying the “6S Quality Process”. It is the basis of the company's pharmaceutical approach to product development in order to maintain tight quality controls through all stages of product development.



- 精選
- 來源
- 結構
- 標準化
- 安全性
- 實證
- Selection
- Sourcing
- Structure
- Standardization
- Safety
- Substantiation

SCIENTIFIC SUPPORT

科學實證

1

較高的靈芝活性成份的生物利用率 Higher Bioavailability of Reishi Active Ingredients

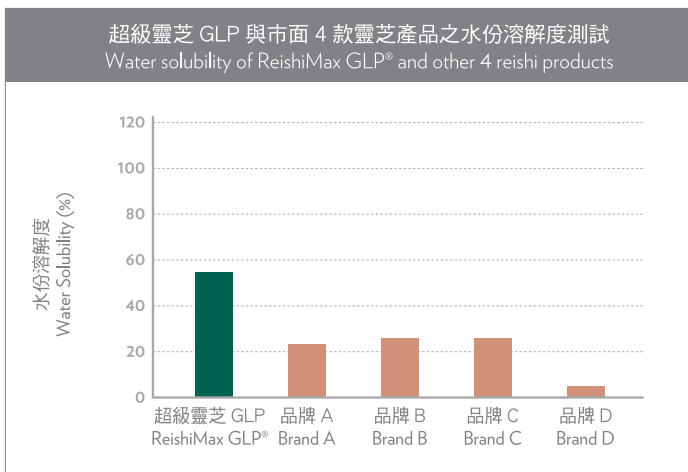
由 PHARMANEX 上海科研中心就有關市面上靈芝產品 (包括 PHARMANEX® 超級靈芝 GLP) 進行之水份溶解度及酒精溶解度測試，以比較所蘊含的靈芝活性成份 (多醣體及三萜類) 之生物利用率，研究顯示 PHARMANEX® 超級靈芝 GLP 的水份溶解度及酒精溶解度均比市面其他 4 款產品為高，表示其具有更佳的靈芝之生物利用率保證。

PHARMANEX Shanghai Research & Development Center conducted a water and Ethanol solubility test on ReishiMax GLP® and other Reishi products on the market to compare the bioavailability of Polysaccharides and Triterpenes. According to the test results, PHARMANEX® ReishiMax GLP® exhibits higher water and ethanol solubility and therefore higher Polysaccharides / Triterpenes bioavailability than the other 4 competitive products.

多醣體 Polysaccharides

多醣體是由單糖結合在一起的高分子複合物，這些單糖分子透過不同的組合方式結合在一起，形成種類繁多的多醣分子。從靈芝萃取過程中，可得到大量及不同種類之多醣體。而這些不同結合方式的多醣體在促進人體的生理機能上均扮演著重要的角色。

Polysaccharides are compounds made up of many monosaccharides. These monosaccharide molecules bond in different ways to form a wide range of polysaccharides. When extracting reishi, different types of polysaccharides can be obtained in great numbers. Since these molecules are bonded together in different ways, they play different important roles in enhancing physiological functions.



結果顯示 PHARMANEX® 超級靈芝 GLP 之水份溶解度 (54.2%) 比其他產品 (5.2% - 26%) 為高。多醣體屬水溶性活性成分，其水分溶解度越高，表示其靈芝多醣體的生物利用率愈高。

Result shows that PHARMANEX® ReishiMax GLP® exhibits higher water solubility (54.2%) than other competitive products (5.2% - 26%). Polysaccharides are water-soluble ingredients. Higher the water-solubility, the higher is the bioavailability of the reishi product.

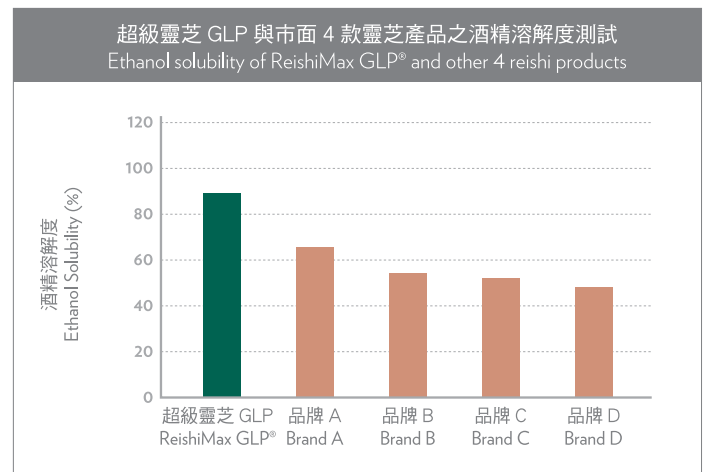
資料來源 Source:

PHARMANEX 上海科研中心 Shanghai Research & Development Center

三萜類 Triterpenes

三萜類是導致靈芝具有苦味的主要物質。目前已發現大約有二百多種三萜類存在於靈芝中。其他植物中亦含有三萜類，但是靈芝含有特殊三萜類 (特稱為「靈芝酸」)，為其他植物所沒有。

Triterpenes give reishi its bitter taste. To date, over 200 types of triterpenes have been found in reishi, including a special type of triterpenes, Ganoderic acid, unique to reishi.



結果顯示 PHARMANEX® 超級靈芝 GLP 之酒精溶解度 (87.8%) 比其他產品 (48.8% - 66.7%) 為高。三萜類屬脂溶性活性成分 (能於酒精中溶解)，其酒精溶解度越高，表示其靈芝三萜類的生物利用率越高。

Result shows that PHARMANEX® ReishiMax GLP® exhibits higher ethanol solubility (87.8%) than other competitive products (48.8% - 66.7%). Triterpenes are oil-soluble ingredients (can be dissolves in ethanol). Higher the ethanol-solubility, the higher is the bioavailability of Triterpenes of the reishi product.

提昇人體免疫系統功能 Promote a Healthy Immune System

超級靈芝 GLP 經台灣國立大學醫學院臨床研究中心以管餵食雌鼠方法，就服食超級靈芝 GLP 與未有服食超級靈芝 GLP 組別，在六週後於免疫功能相關指標的差異性進行多項測試，包括先天性免疫反應及特異性免疫反應能力評估。

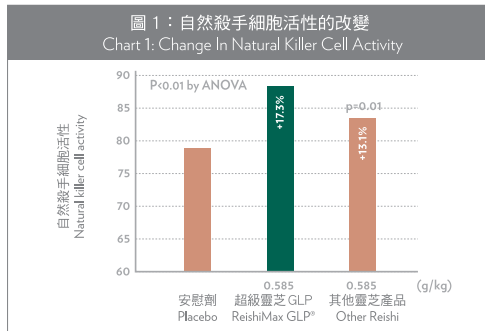
Several animal studies had been done on ReishiMax GLP® by the Medical Institute at National Taiwan University. One group of tested mice was tube-fed with ReishiMax GLP® extract and another group fed with placebo. Their nonspecific and specific immune responses were measured and investigated after 6 weeks of treatment.

研究結果顯示超級靈芝 GLP 有助促進整體免疫系統功能，包括：

1. 促進巨噬細胞活性
2. 促進自然殺手細胞活化（見圖 1）
3. 促進 B 細胞增生，促進抗體形成（見圖 2）
4. 調節 T 細胞增生，調節 T 細胞功能（見圖 3）
5. 促進干擾素 - γ 分泌（見圖 4）

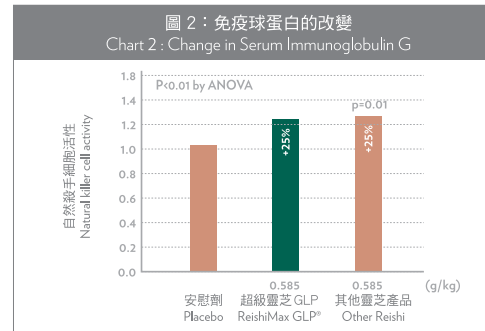
Results showed that ReishiMax GLP® could enhance the overall immune functions including:

1. Enhances phagocyte activity
2. Promotes natural killer cell activity (Chart 1)
3. Promotes B-cells proliferation, enhances antibody formation (Chart 2)
4. Promotes T-cells proliferation, modulates T-cells functions (Chart 3)
5. Promotes Interferon - γ secretion (Chart 4)



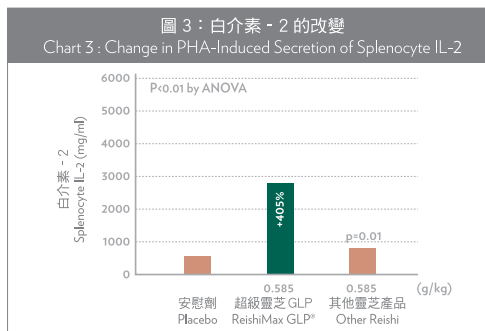
結果顯示，服用超級靈芝 GLP 後，雌鼠的自然殺手細胞活性比對照組增加 17.3%；結果亦較其他台灣靈芝產品為高。

In relation to natural killer cell activity, ReishiMax GLP® was 17.3% more effective than placebo and was also more effective than the leading Reishi competitor in Taiwan.



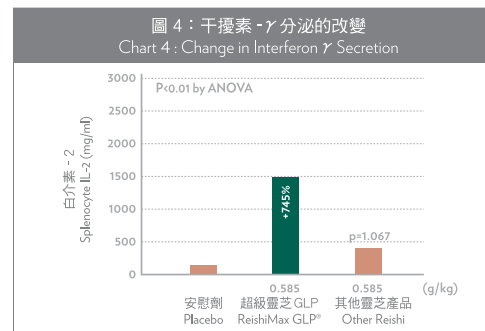
結果顯示，服用超級靈芝 GLP 後，雌鼠血清中的免疫球蛋白比對照組增加 25%；而其他台灣靈芝產品亦有相若結果。

In relation to serum IgG, ReishiMax GLP® was 25% more effective than placebo, and just as effective as the leading Reishi competitor in Taiwan.



結果顯示，服用超級靈芝 GLP 後，雌鼠的 T 細胞激素（白介素 - 2）比對照組增加 40.5%；結果亦遠超出其他台灣靈芝產品。

In relation to IL-2, ReishiMax GLP® was 40.5% more effective than placebo, and was also more effective than the leading Reishi competitor in Taiwan.



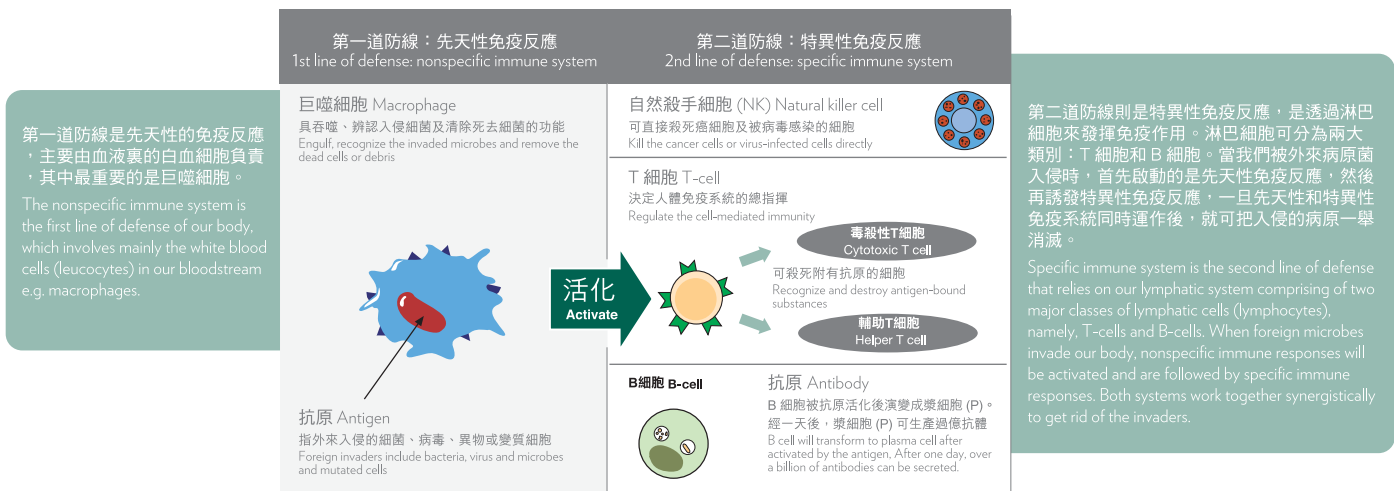
結果顯示，服用超級靈芝 GLP 後，雌鼠的干擾素 - γ 比對照組增加 74.5%；結果亦遠超過其他台灣靈芝產品。

In relation to Interferon - γ , ReishiMax GLP® was 74.5% more effective than placebo and was also more effective than the leading Reishi competitor in Taiwan.

資料來源 Source: 台灣國立大學醫學院 Medical Institute at National Taiwan University

人體的免疫系統：主要可分為兩道防線

Human Immune System: mainly divided into 2 lines of defense



3

有助保護肝臟功能 Help to Protect Liver Function

由台灣中國中醫藥學院進行有關保護肝臟的研究顯示，PHARMANEX® 超級靈芝 GLP 能有助減輕小鼠肝臟受損程度，有效保護肝臟。

The liver protection study conducted by Taiwan Chinese Medical Pharmaceutical University showed that PHARMANEX® ReishiMax GLP® can reduce the level of liver damage of mice, help protecting liver function.

研究結果顯示，在肝臟受到損傷時，超級靈芝 GLP:

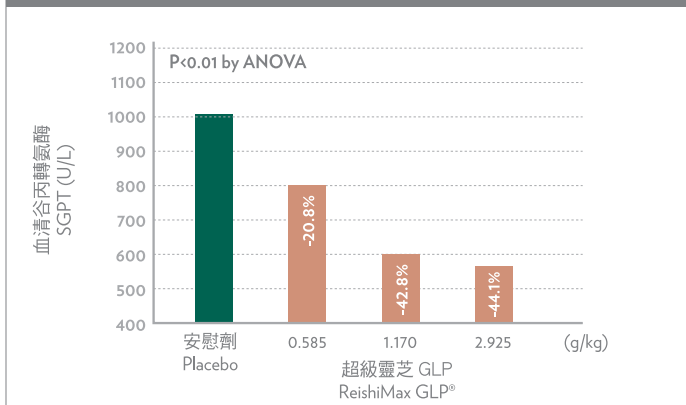
1. 可降低血清谷丙轉氨酶 (GPT)，保護肝臟細胞 (見圖 5)
2. 可增加血清白蛋白和肝臟蛋白質含量，增強肝臟功能 (見圖 6)



The result showed that, during liver damage, ReishiMax GLP® can help to:

1. Lower GPT in order to protect liver cells, hepatocytes (Chart 5)
2. Increase serum albumin to promote healthy liver functions (Chart 6)

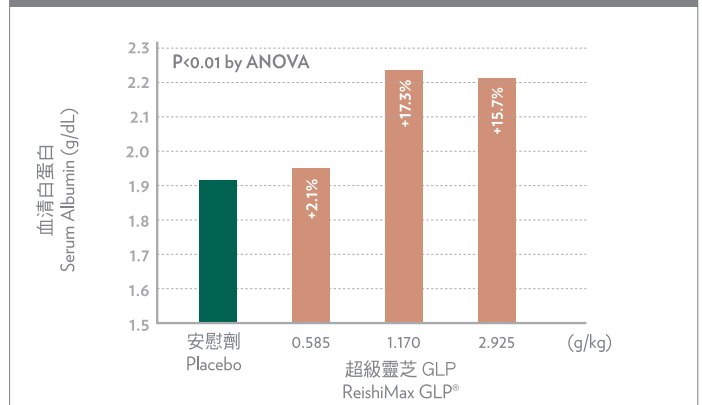
圖 5：超級靈芝 GLP 降低急性肝損傷小鼠谷丙轉氨酶 (6 週後之結果) #
Chart 5: ReishiMax GLP® lowers the SGPT of mice with acute liver damages
(Results shown after 6 weeks)



血清谷丙轉氨酶是氨基酸轉移過程中的一種酵素，其於血清內的濃度可用於診斷及研究急性肝臟疾病。

Serum Glutamate Pyruvate Transferase is an enzyme that involved in the transamination of amino acids. High levels of this enzyme are found in the liver, and measurement of GPT in the serum (serum GPT, SGPT) is of use in the diagnosis and study of acute liver disease.

圖 6：超級靈芝 GLP 增加急性肝損傷鼠血清白蛋白 (8 週後之結果) *
Chart 6: ReishiMax GLP® increases the serum albumin of mice with acute liver damages
(Results shown after 8 weeks)



* 血清白蛋白乃血漿中維持血液正常滲透壓的重要元素。白蛋白於肝細胞中合成，白蛋白無法合成是慢性肝疾病的顯徵。

Serum Albumin is found in blood plasma and is important for the maintenance of plasma volume. Albumin is synthesized in the liver; the inability to synthesize it is a prominent feature of chronic liver disease.



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