

宏潤銀杏蟲草子可以提升  
人類老化皮膚纖維母細胞膠原蛋白產生  
及抗老化之研究

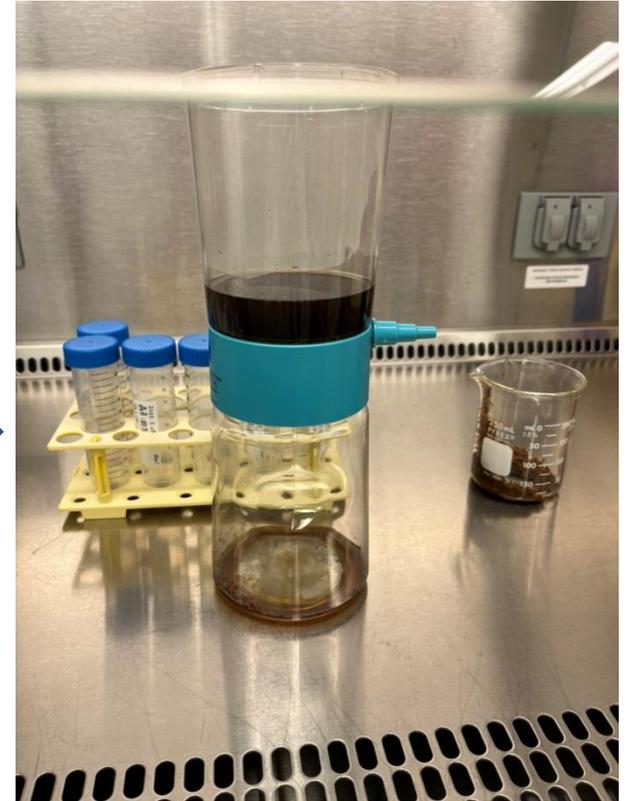
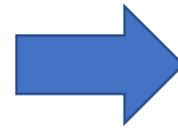
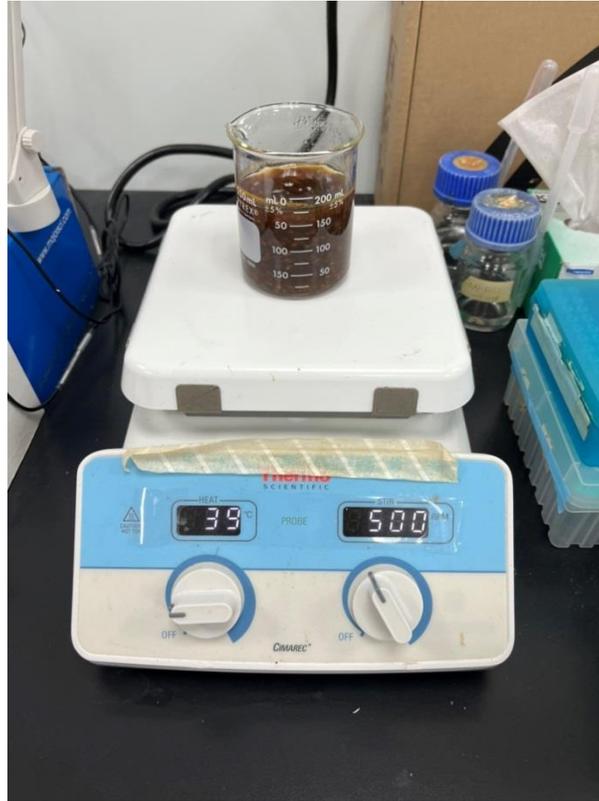
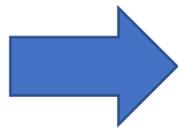
創新研發中心

研究助理 葉日豪

創新研發中心

Bioinnovation Center

# 宏潤銀杏蟲草子實體萃取液

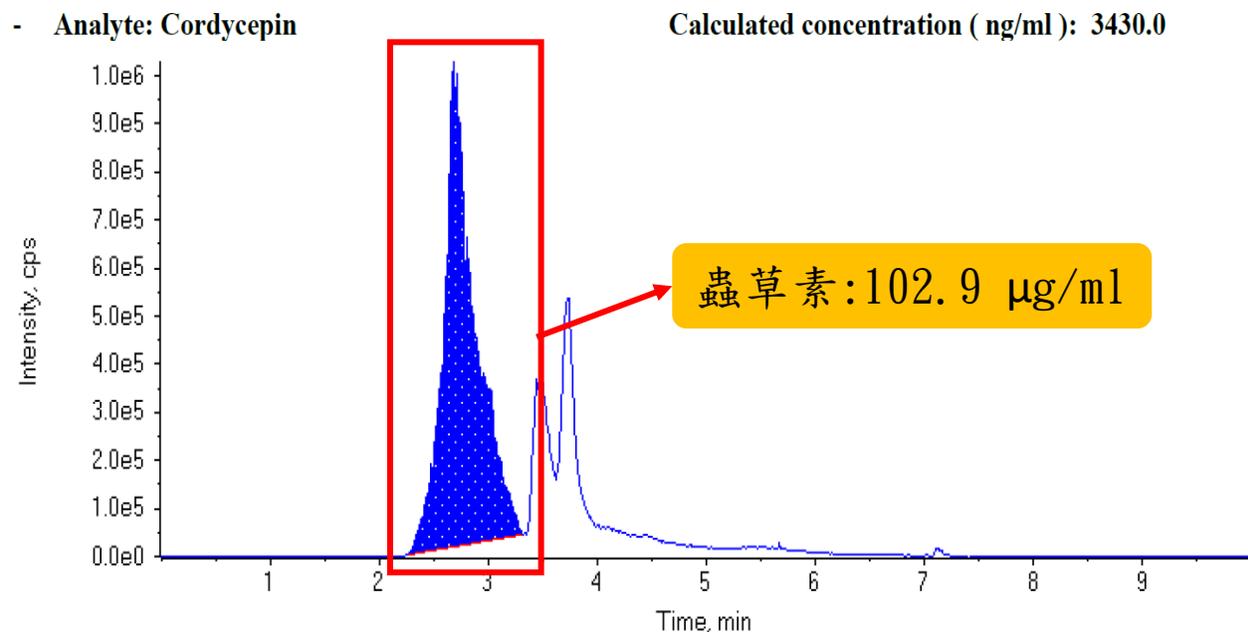
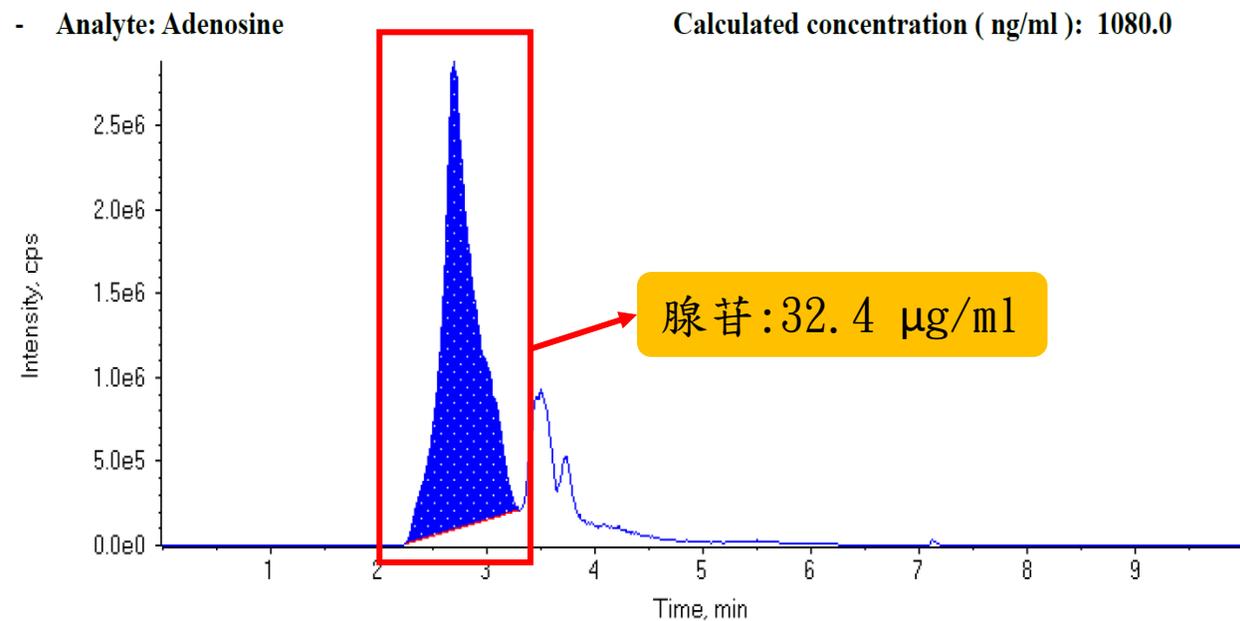


取5g蟲草並剪碎  
蟲草粉末(5g):水(150ml ddH<sub>2</sub>O)=1:30  
將其原液濃度定為: 0.0333g/ml

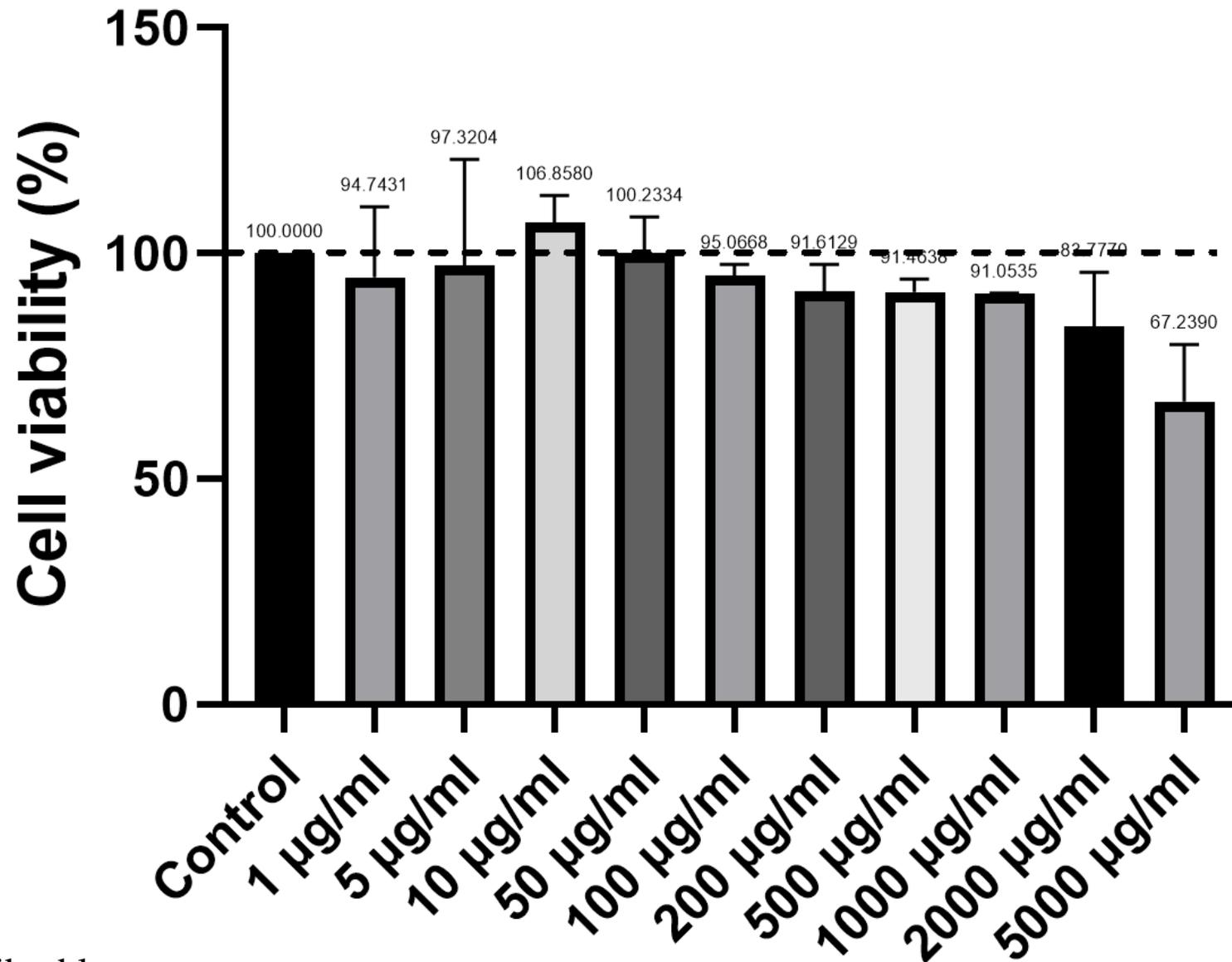
40°C 攪拌3小時

用0.22μm filter過濾，存放-20°C

# 銀杏蟲草子萃取液中含有高濃度蟲草素和腺苷成分



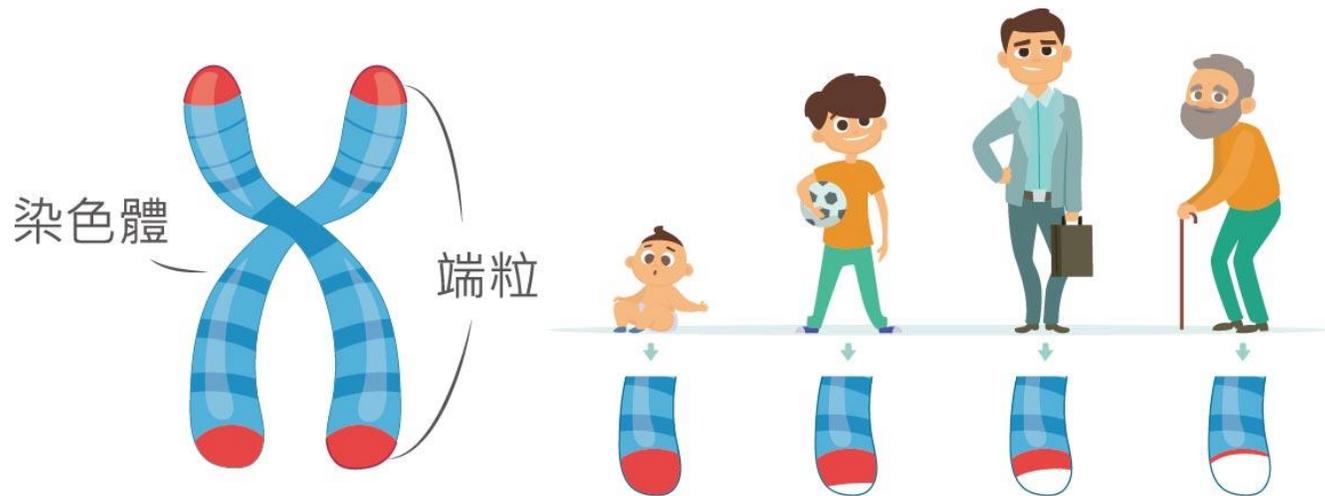
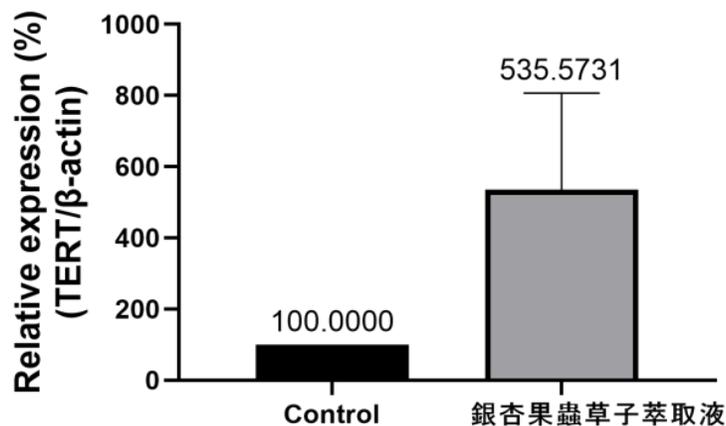
# 銀杏蟲草子萃取液對細胞沒有毒性



Cell line  
HDF, Human Dermal Fibroblast

# 銀杏蟲草子萃取液使端粒酶基因表達上升5倍

延長壽命基因   
延長壽命及提高抗衰老



端粒酶活性上升延長端粒可阻止細胞老化

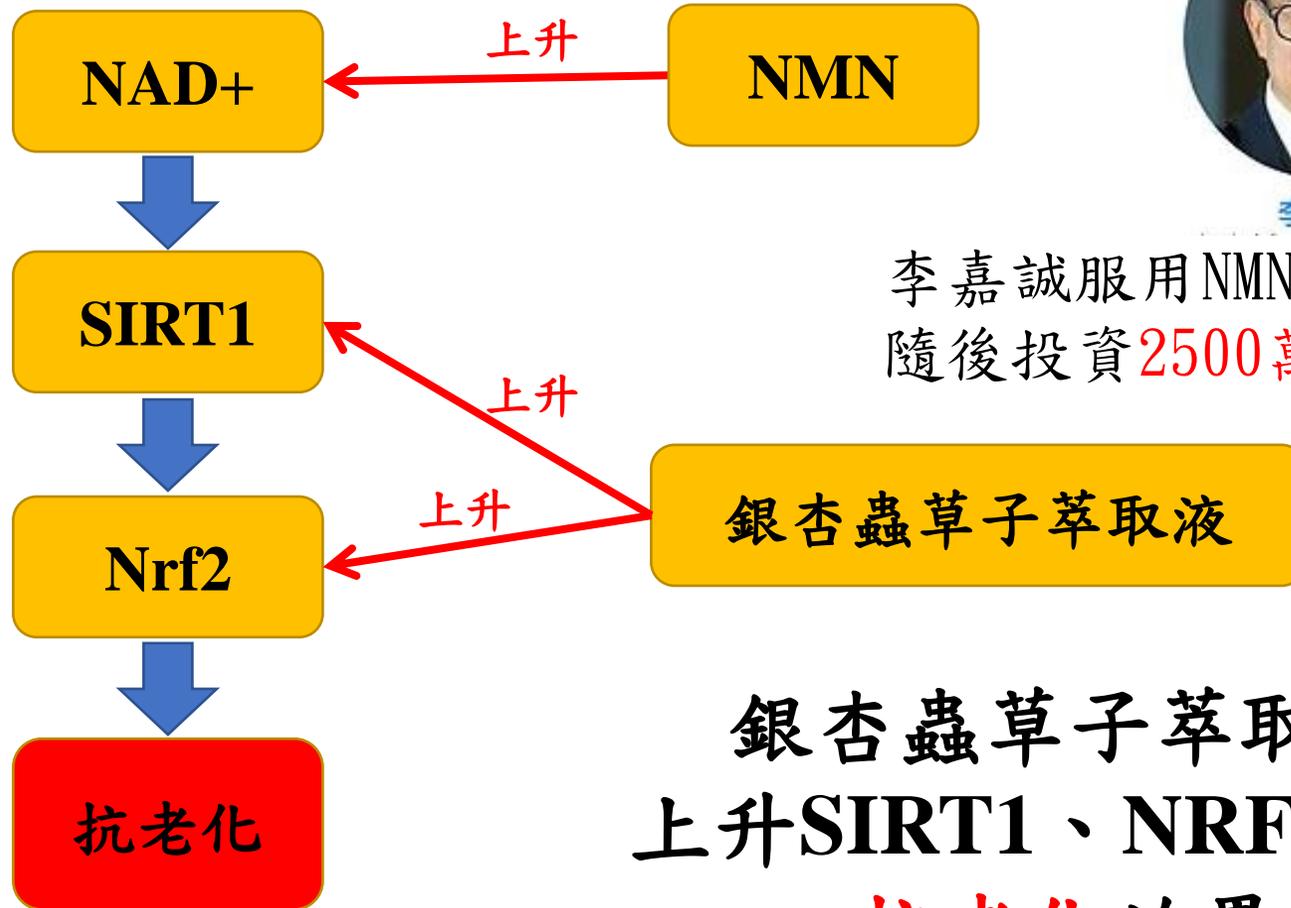
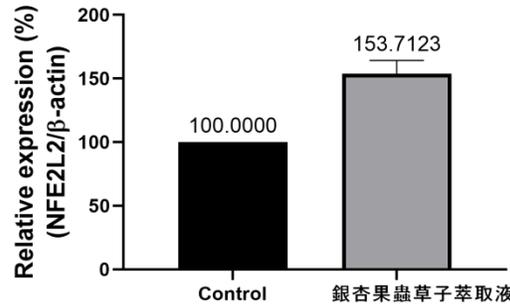
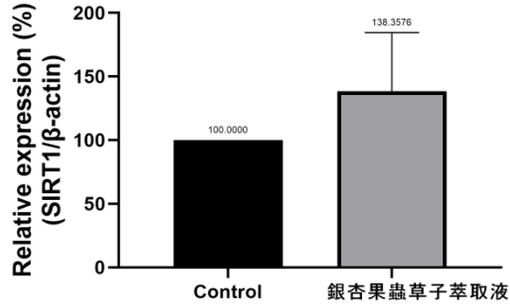
# 銀杏蟲草子萃取液使

## SIRT1基因表達上升1.3倍，NFE2L2基因表達上升1.5倍



李嘉誠

李嘉誠服用NMN後感覺超棒，隨後投資2500萬美元投資入股



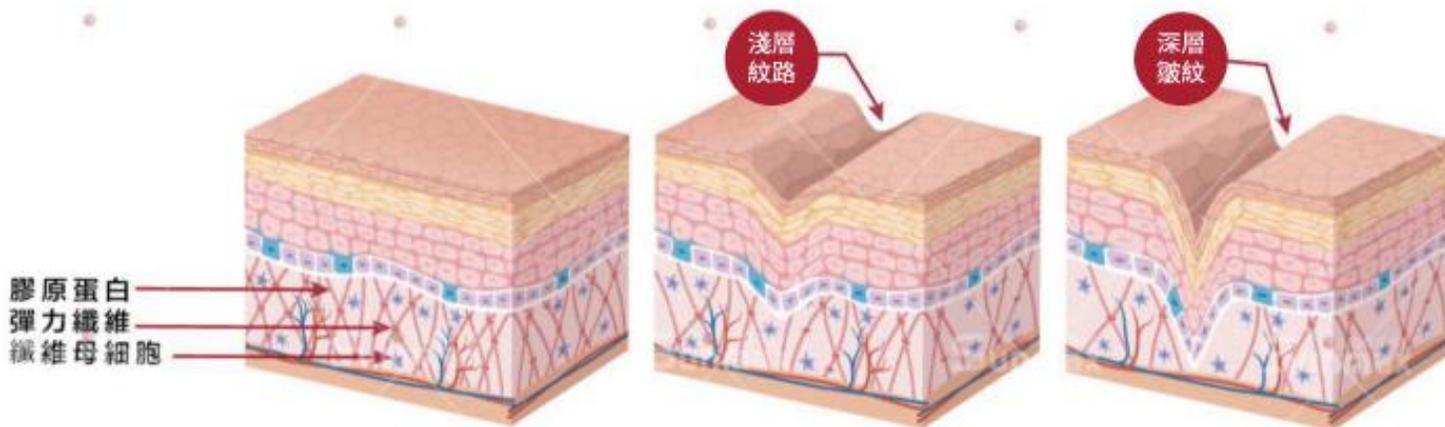
銀杏蟲草子萃取液  
上升SIRT1、NRF2達到  
抗老化效果

# 銀杏蟲草子萃取液使第一型膠原蛋白基因表達上升1.3倍

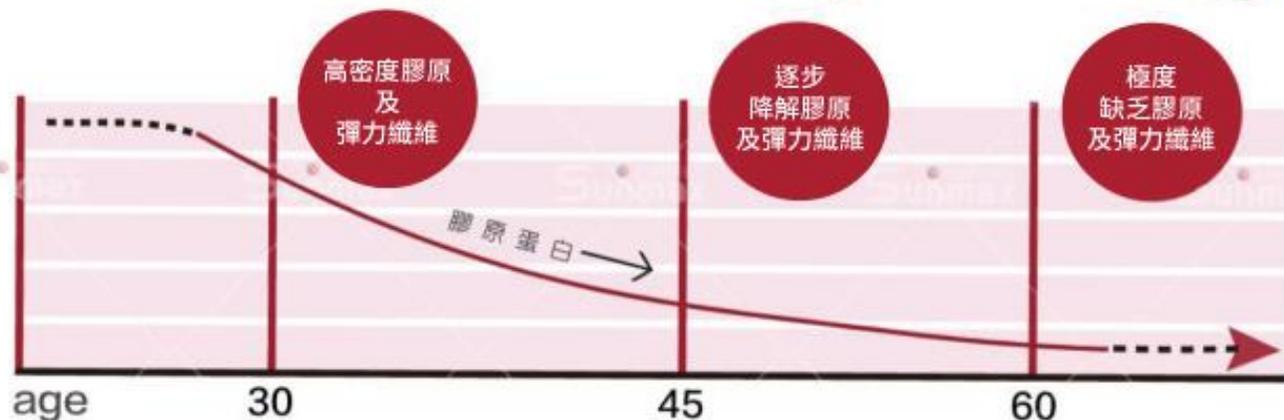
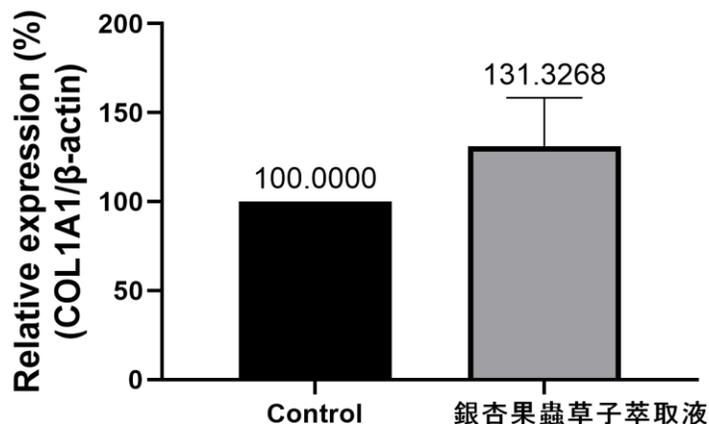
## 第一型膠原蛋白

佔皮膚80%以上，  
賦予皮膚強韌性  
增加皮膚彈性。

## 年紀增加 膠原蛋白流失的速度越來越快



2022年市場達到172.58億美元



Thank You