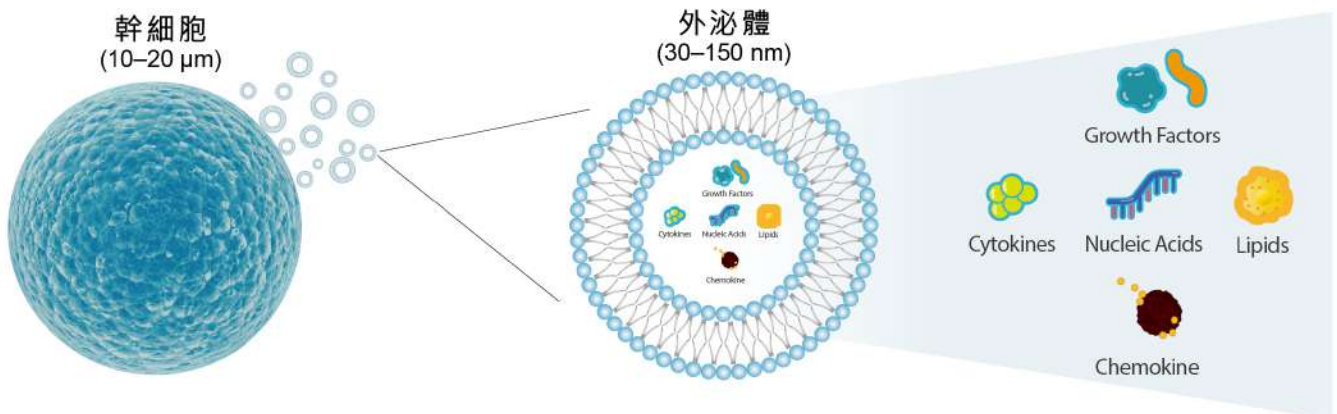


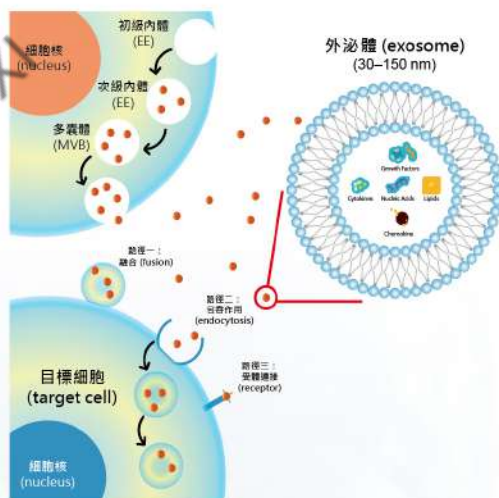
YBT 再生載體介紹

什麼是外泌體？

外泌體 (Exosome) 是天然的載體其大小約為30-150nm，具有非常好的穿透力，能夠把細胞間溝通的訊息片段有效率地送達不同組織器官，進而促成後續的連鎖反應。外泌體能夠載好東西，亦能載壞東西，其品質取決於好的源頭、好的培養方式、好的純化方式。外泌體包覆的物質主要包含：核酸片段 (nucleic acids)、生長因子 (growth factors) 與細胞激素 (cytokines) 等物質。



外泌體如何進入細胞？



- 融合 (Fusion)
- 包吞作用 (Endocytosis)
- 連接受體後反應 (Receptor-ligand interaction)

外泌體的功能？

● 細胞之間溝通

● 免疫系統調控

● 抑制發炎反應

● 協助藥物遞送

● 組織修復與再生

幹細胞外泌體的應用

心肌梗塞



腦血管疾病



阿茲海默症



腎損傷



糖尿病



肺損傷



神經再生重建



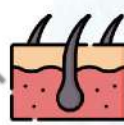
傷口愈合



醫學美容



毛囊生長



肝損傷



關節炎





外泌體鑑定分析

標誌分析：

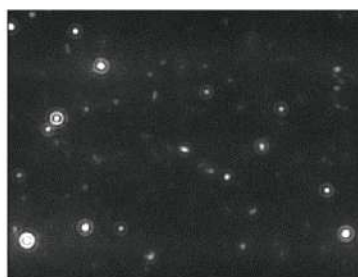
CD 63 / 陽性 Positive (+)
CD 81 / 陽性 Positive (+)
TSG101 / 陽性 Positive (+)
Calnexin / 陰性 Negative (-)

微生物檢測：陰性

黴漿菌檢測：陰性

內毒素檢測： ≤ 0.5 EU/mL

粒徑檢測：NTA 奈米粒子追蹤分析



採用奈米粒子追蹤分析技術
分析液體懸浮液中顆粒的粒
徑分佈和數量。

幹細胞外泌體品質認證

生長因子濃度檢測

檢測項目多達 40 種生
長因子，更詳述相關指
標功能參考作為依據。

檢測報告 / 說明書

檢附完整的安全性檢測
報告及說明書，詳述產
品特性。

GFs	Full Name	Function	pg/mL
GF1	Angiogenic growth factor	Angiogenic growth factor	100000
GF2	Angiogenic growth factor	Angiogenic growth factor	100000
GF3	Angiogenic growth factor	Angiogenic growth factor	100000
GF4	Angiogenic growth factor	Angiogenic growth factor	100000
GF5	Angiogenic growth factor	Angiogenic growth factor	100000
GF6	Angiogenic growth factor	Angiogenic growth factor	100000
GF7	Angiogenic growth factor	Angiogenic growth factor	100000
GF8	Angiogenic growth factor	Angiogenic growth factor	100000
GF9	Angiogenic growth factor	Angiogenic growth factor	100000
GF10	Angiogenic growth factor	Angiogenic growth factor	100000
GF11	Angiogenic growth factor	Angiogenic growth factor	100000
GF12	Angiogenic growth factor	Angiogenic growth factor	100000
GF13	Angiogenic growth factor	Angiogenic growth factor	100000
GF14	Angiogenic growth factor	Angiogenic growth factor	100000
GF15	Angiogenic growth factor	Angiogenic growth factor	100000
GF16	Angiogenic growth factor	Angiogenic growth factor	100000
GF17	Angiogenic growth factor	Angiogenic growth factor	100000
GF18	Angiogenic growth factor	Angiogenic growth factor	100000
GF19	Angiogenic growth factor	Angiogenic growth factor	100000
GF20	Angiogenic growth factor	Angiogenic growth factor	100000
GF21	Angiogenic growth factor	Angiogenic growth factor	100000
GF22	Angiogenic growth factor	Angiogenic growth factor	100000
GF23	Angiogenic growth factor	Angiogenic growth factor	100000
GF24	Angiogenic growth factor	Angiogenic growth factor	100000
GF25	Angiogenic growth factor	Angiogenic growth factor	100000
GF26	Angiogenic growth factor	Angiogenic growth factor	100000
GF27	Angiogenic growth factor	Angiogenic growth factor	100000
GF28	Angiogenic growth factor	Angiogenic growth factor	100000
GF29	Angiogenic growth factor	Angiogenic growth factor	100000
GF30	Angiogenic growth factor	Angiogenic growth factor	100000
GF31	Angiogenic growth factor	Angiogenic growth factor	100000
GF32	Angiogenic growth factor	Angiogenic growth factor	100000
GF33	Angiogenic growth factor	Angiogenic growth factor	100000
GF34	Angiogenic growth factor	Angiogenic growth factor	100000
GF35	Angiogenic growth factor	Angiogenic growth factor	100000
GF36	Angiogenic growth factor	Angiogenic growth factor	100000
GF37	Angiogenic growth factor	Angiogenic growth factor	100000
GF38	Angiogenic growth factor	Angiogenic growth factor	100000
GF39	Angiogenic growth factor	Angiogenic growth factor	100000
GF40	Angiogenic growth factor	Angiogenic growth factor	100000



符合 INCI Name 標準

安全

無敏

無毒

Confidential