

特有細胞收集系統與培養平台在醫療上的應用

主要領域

創新醫療應用

■ 產品/技術簡介

- 體液中特有細胞的捕捉與培養平台，以提供藥物測試或臨床分析

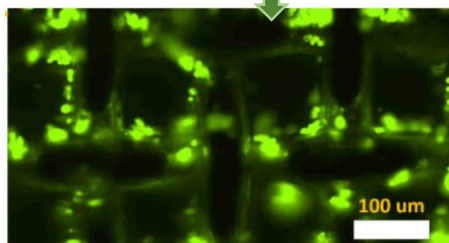
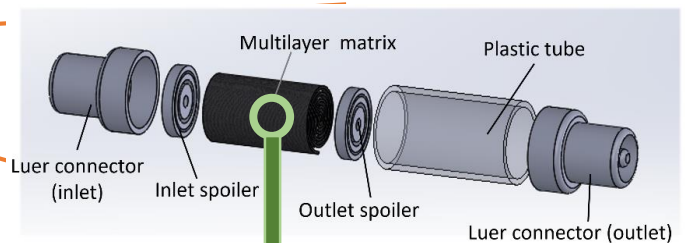
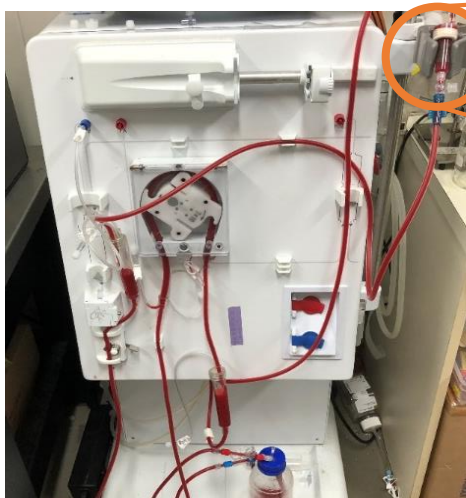
■ 應用

- 大量特有細胞擷取
- 直接在捕捉平台內培養特有細胞
- 藥物測試、藥物篩選、細胞外吐體收集
- 應用於再生醫療、精準醫療與生醫檢測

■ 優勢

- 可應用於各種臨床樣本，包括體循環癌細胞、幹細胞等極少量的細胞培養。可直接將捕捉到的細胞培養於裝置內，亦可收集細胞分泌物。
- 本系統可應用範圍廣泛，包括癌細胞、幹細胞、特有免疫細胞以及臨床病人的檢測與藥物篩選分析。

Target Cell Collector (TCC) - Revolutionary Rare Cell Apheresis and Incubation



Direct cell culture inside the column for downstream analysis.

Target Cell Collector and Culture System for Medical Analysis

Research Area

Innovative Medical Applications

Technical statement

- An economical and convenient body fluid target cell collect and culture platform for clinical analysis and drug test

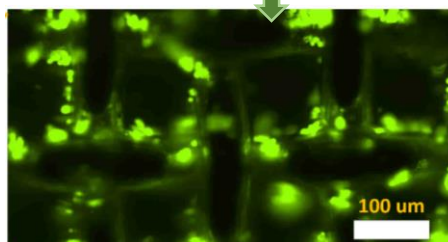
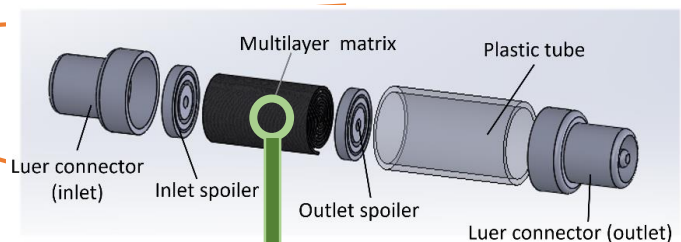
Applications

- Large quantity target cell capture and culture inside the device from body fluid
- Drug screening, exosome extraction
- Regenerative and precision medicine

Advantages

- Capable of processing large volume specimen including body fluids, tissues, and cell lines and culturing the target cells. Cell secretion can be collected from the cultured cells within the device, which can be wild used for cancer cell, stem cell, target immune cell and clinical patient test and drug test.

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