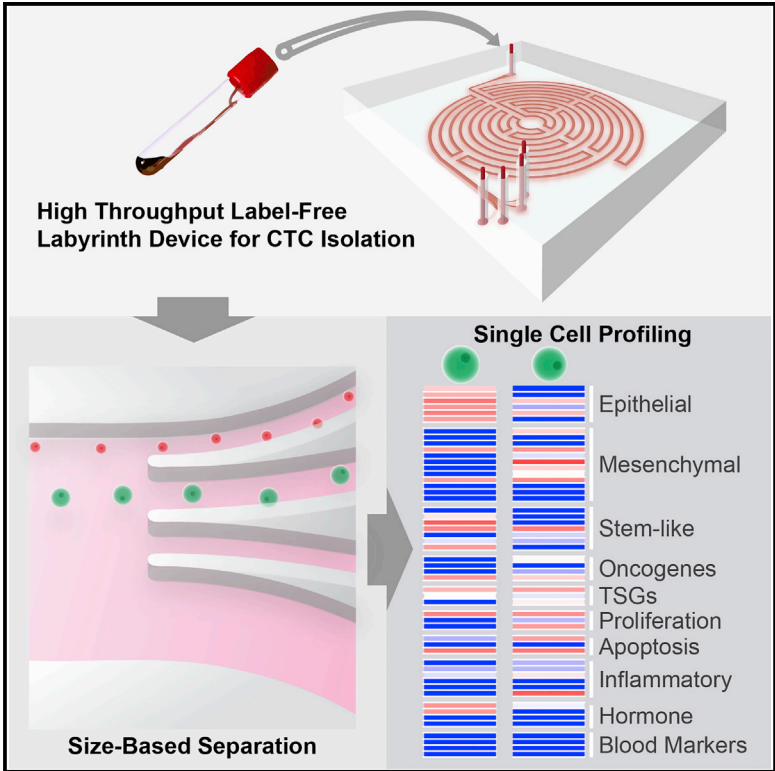


Cell Systems

High-Throughput Microfluidic Labyrinth for the Label-free Isolation of Circulating Tumor Cells

Graphical Abstract



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In Brief

High-throughput and label-free Labyrinth device that enables single CTC isolation and gene expression characterization.

Highlights

- High-throughput label-free isolation of CTCs
- CTCs were isolated from 56 breast and 20 pancreatic cancer patients
- Unbiased molecular study of CTCs at the single-cell level
- 70 isolated single CTCs show both inter- and intra-patient molecular heterogeneity