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(54) Title: METHODS OF ENCAPSULATING SINGLE CELLS, THE ENCAPSULATED CELLS AND USES THEREOF

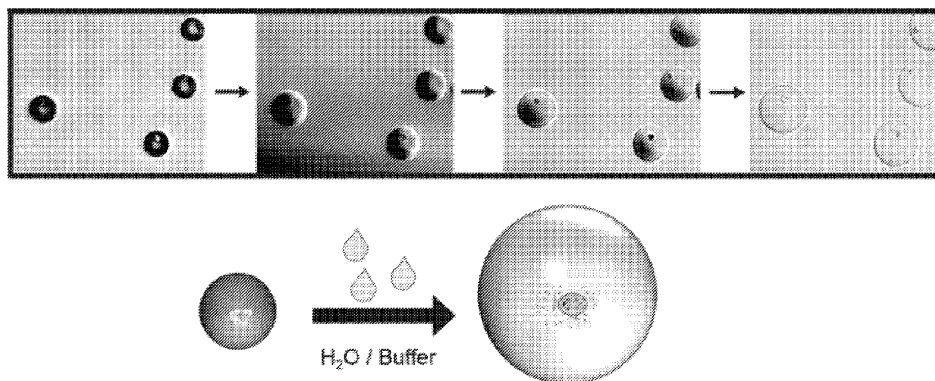


FIG. 2

(57) Abstract: Embodiments of systems, methods, and compositions provided herein relate to hollow beads encapsulating single cells. Some embodiments include performing multiple co-assays on a single cell encapsulated within a hollow bead, including nucleic acid sequencing, preparing nucleic acid libraries, determining methylation status, identifying genomic variants, or protein analysis.

[Continued on next page]



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