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(54) Title: ENCAPSULATION SYSTEM

(57) Abstract: The present invention is directed to a composition comprising high mannuronic acid-containing alginate and a polycation having a polydispersity index of less than 1.5. The composition is particularly useful for making biocompatible microcapsules containing living cells for allo- or xeno-transplantation. Such microcapsules have enhanced durability and can maintain their structural and functional integrity over long periods of time compared to prior art alginate microcapsules.

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