

The effect of double-chain surfactants on armored bubbles: A surfactant-controlled route to colloidosomes

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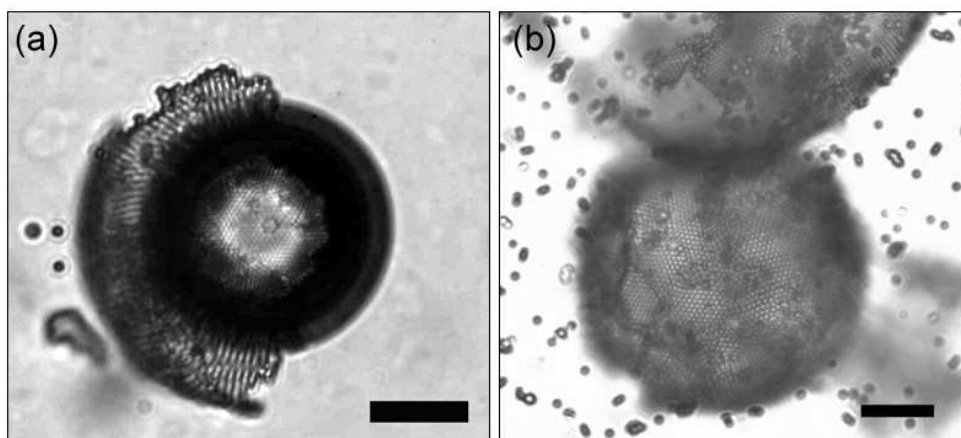


FIG. 1: Structures obtained after bubbles covered with $1.5 \mu m$ diameter cationic amidine polystyrene particles were exposed to the cationic double-chain surfactant dioctyldimethylammonium bromide($n=8$). (a) An intermediate stage of colloidosome formation, with a fragment of the colloidosome still adhering to the air bubble. Scale bar $25 \mu m$. (b) Intact colloidosome next to a broken colloidosome fragment. Scale bar $20 \mu m$