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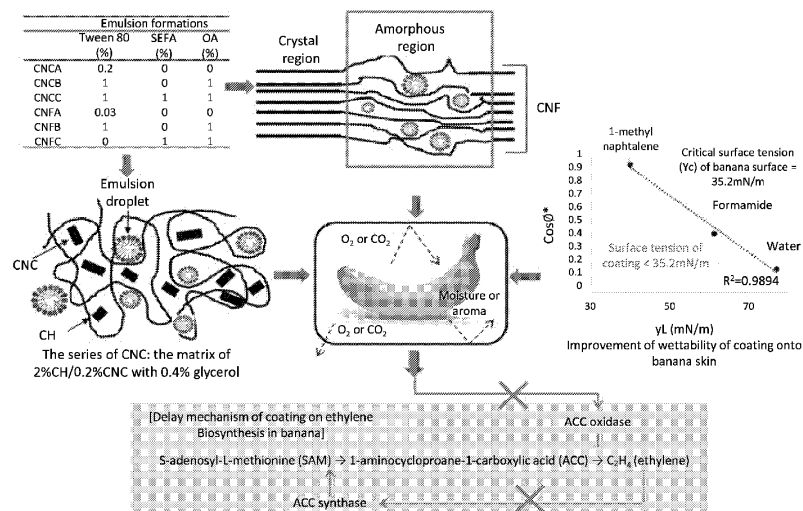


FIG. 1

(57) Abstract: Disclosed herein are embodiments of a coating composition comprising cellulose nanomaterials and emulsion systems. The coating compositions provide improved moisture barrier and wettability onto fruit surfaces and can control physiological activity and enhance storability of food products, such as fruits during ambient storage. Also disclosed herein are embodiments of dried and substantially dried coatings, films, products made with the coating compositions, and methods of making and using the coating compositions described herein.

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