

Engineering interfacial properties of emulsions to limit transport of free radicals and oxygen across the interface

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Overall Aim: Fundamental understanding of the effect of physical and chemical properties of emulsions interface on oxidation of encapsulated oils

- Physical state (fluid vs. solid) of emulsion interface
- Net surface charge of emulsions and synergy with reduced mobility (Aim 1)
- Antioxidant properties of emulsion interface and synergy with optimized formulation from Aim 1 and 2

