# Foams and emulsions

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As the name suggests, microemulsions have smaller droplet sizes than regular emulsions, making them appear transparent rather than opaque. New Pickering Emulsions Stabilized by Bacterial Cellulose Nanocrystals.

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Stability and rheology of foams containing microbial polysaccharide and particles of silica and bentonite clay. Foams and emulsions hold immense potential in assisting in the different stages of oil recovery processes such as enhanced oil recovery, drilling, and completion.

# Food emulsions and foams: Stabilization by particles

Attachment of composite porous supra-particles to air—water and oil—water interfaces: theory and experiment. Classification of emulsions Emulsions and foams are dispersions often colloidal of one fluid phase in another stabilized by the presence of strong surfactant adsorption or its equivalent at the fluid interface. Audience: Research students, researchers and teachers in physics, physical chemistry, materials science, mechanical engineering and geometry.

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During the baking of bread and cake, starch granules absorb water and set to form the rigid bulk of the walls that surround the bubbles of carbon dioxide.

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