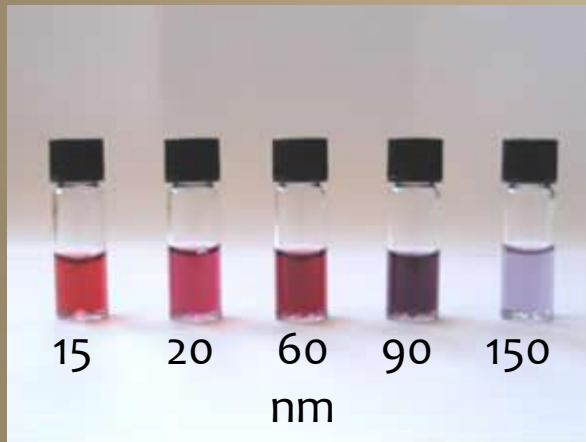


Colloids

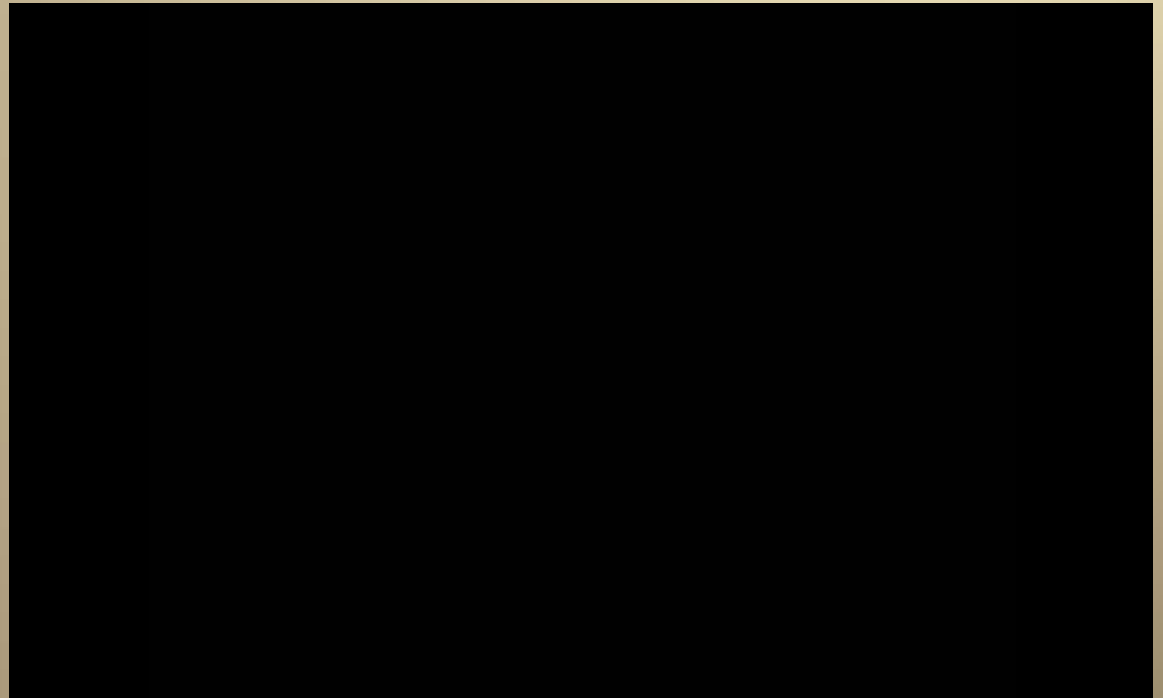
Medium/phase		Dispersed phase		
		Gas	Liquid	Solid
Dispersion medium	Gas	None All gases are miscible and thus do not form colloids	Liquid aerosol fog, hair sprays	Solid aerosol smoke, ice cloud, air particulates
	Liquid	Foam whipped cream, shaving cream	Emulsion milk, mayonnaise, hand cream	Sol pigmented ink, blood
	Solid	Solid foam aerogel, styrofoam pumice	Gel agar, gelatin, jelly	Solid sol cranberry glass

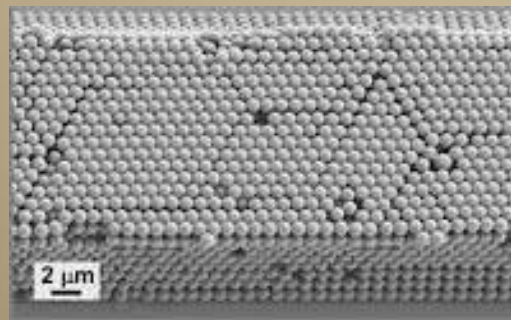
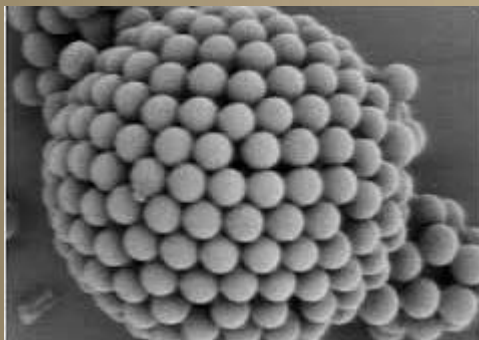
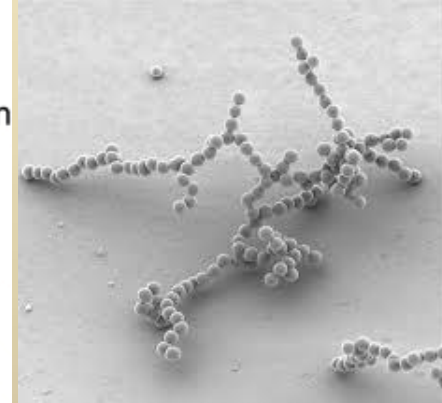
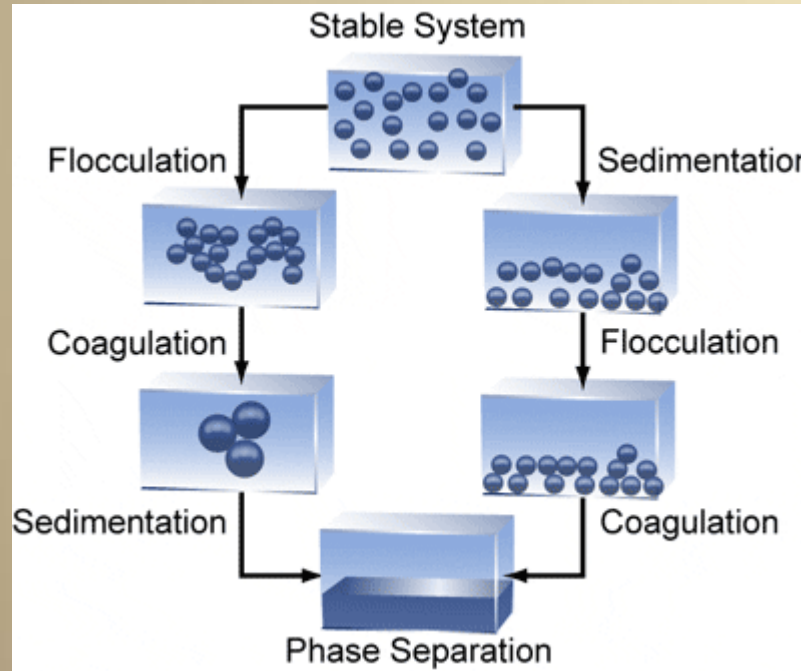
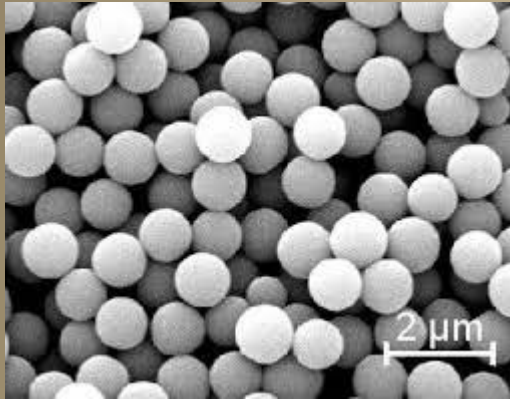


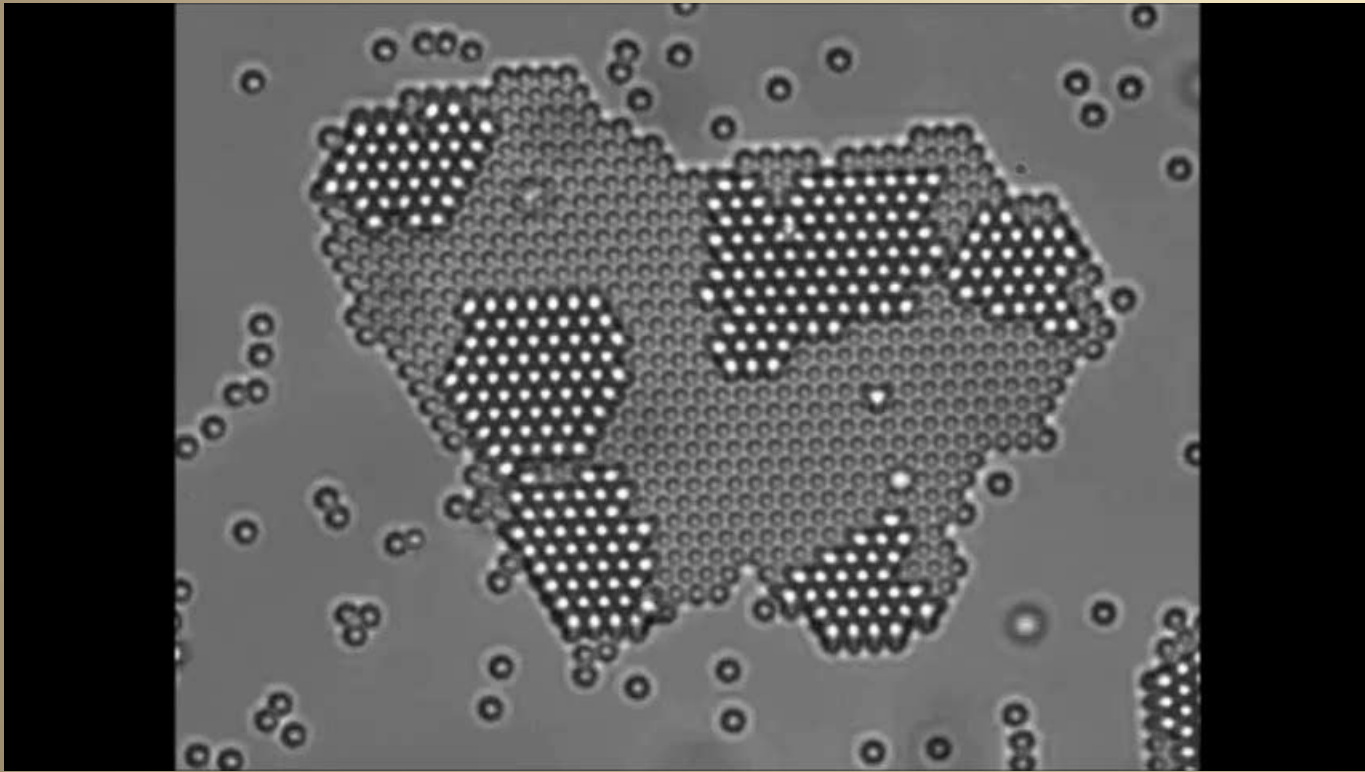
Si tratta di una dispersione di nano particelle di oro in una matrice solida di vetri di silice.
Gli effetti plasmonici che si generano nelle nanoparticelle metalliche producono la colorazione rossa.



Le nanoparticelle si creano per autoassemblaggio con semplici procedure chimiche







https://www.youtube.com/watch?v=m9x_xSYcguk