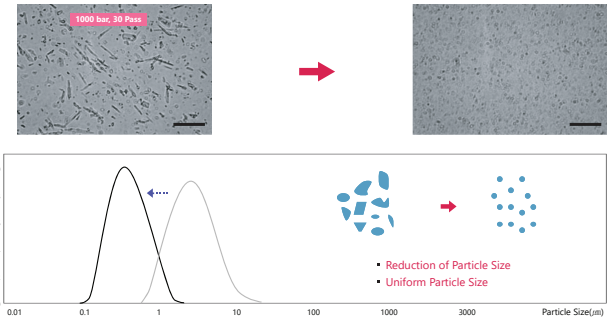
NANO DISPERSER

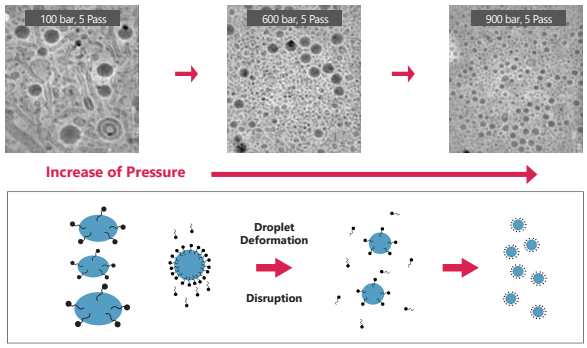
Nano Disperser that is high pressure homogenizer make a smaller particle to nano size by only high pressure. It make higher quality than traditional method such as homomixer, ultrasonic, ball mill, etc.

Drug Particles (Drug - Folic acid)



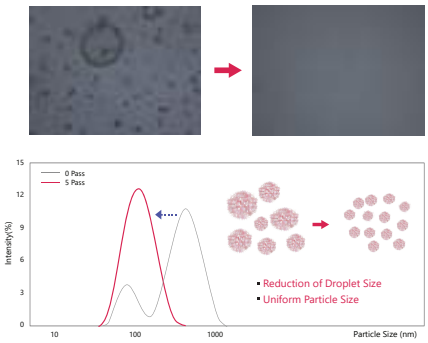
Ref. Int. J. Pharm. 420 (2011) 93-100.

Drug & Cosmetics (Emulsion, Micelle – Coenzyme Q10)

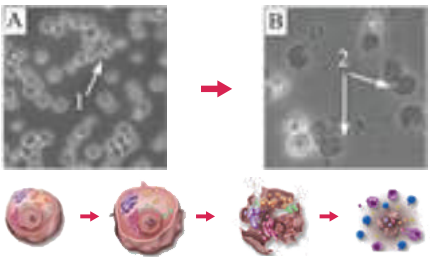


Ref. Proceed. Int'l. Symp. Control. Rel. Bioact. Mater. 27 (2000) 8141-8142

Food (Milk Droplet)



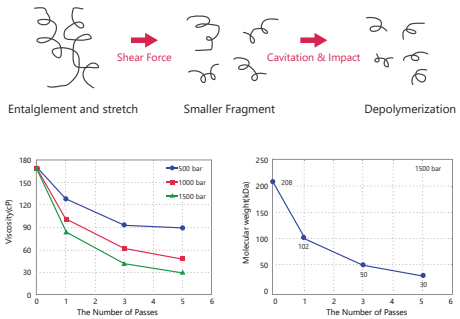
Cell Disruption (Yeast of Baker)



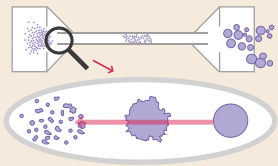
- Cell Disruption by High Energy as shear, cavitation and impact

Ref. Electronic Journal of Polish Agricultural Universites. 10(2) (2007) #3.

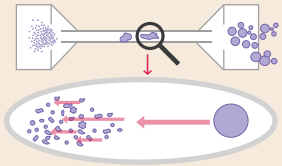
Depolymerization of Nature Polymer (Chitosan)



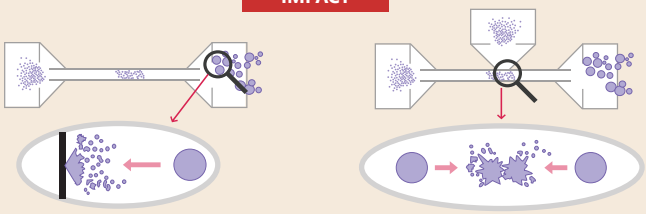
CAVITATION



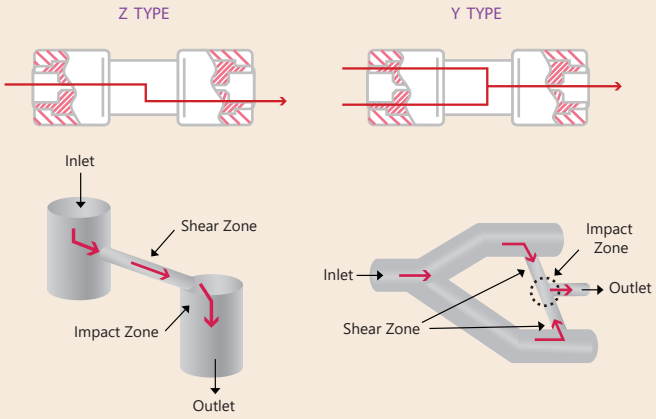
SHEAR FORCE



IMPACT



FLOW TYPE



ILSHIN AUTOCLAVE

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