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FIG. 1A

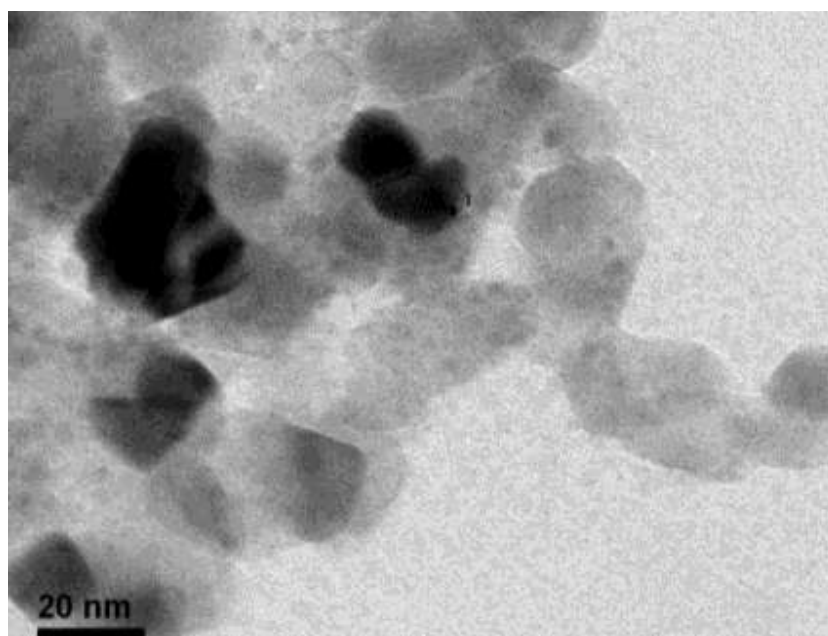
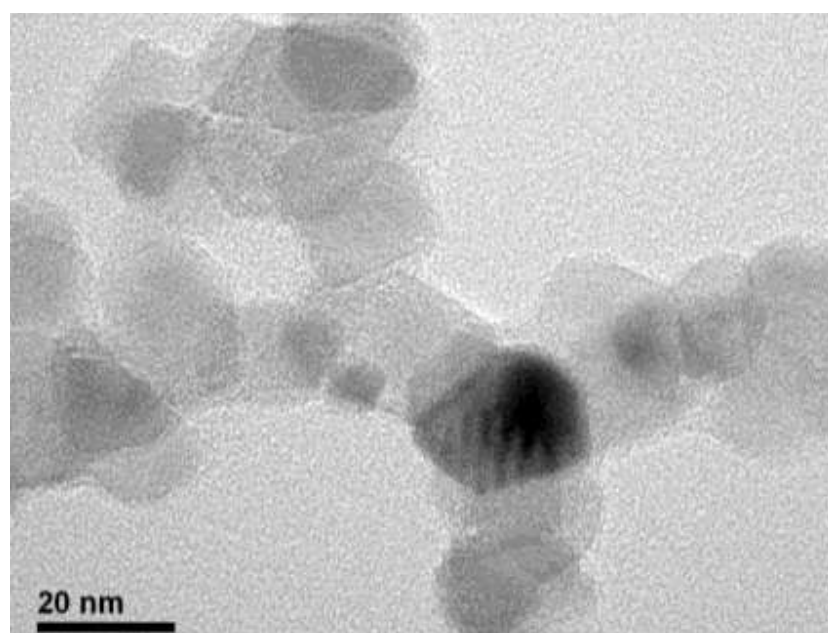


FIG. 1B



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FIG. 2



FIG. 6



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FIG. 3A

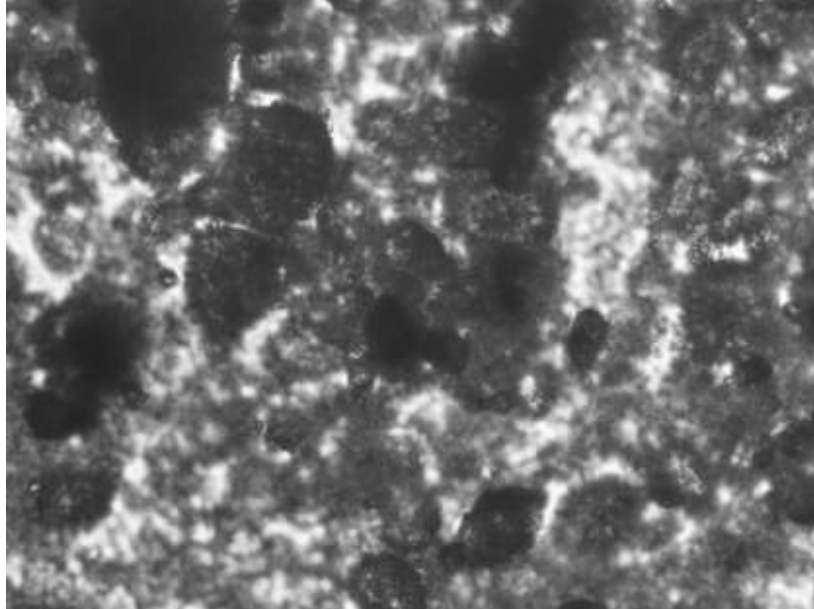


FIG. 3B

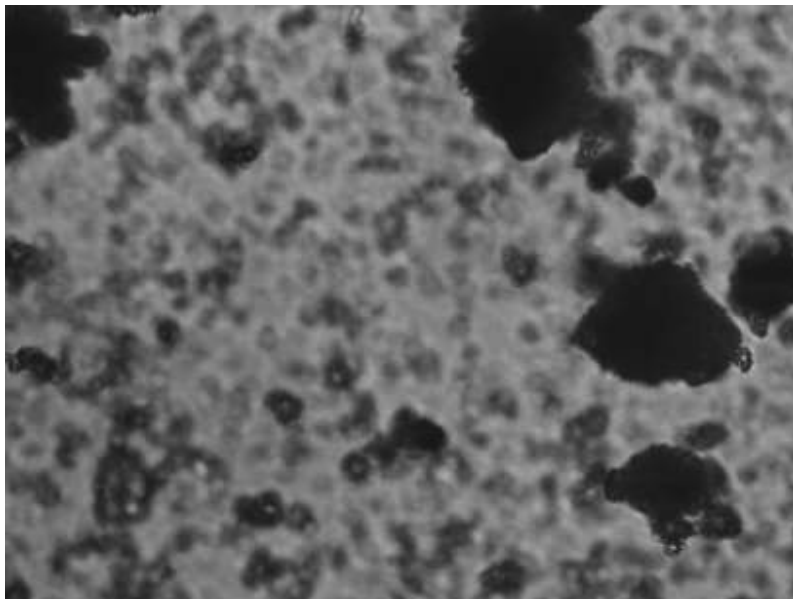


FIG. 4A

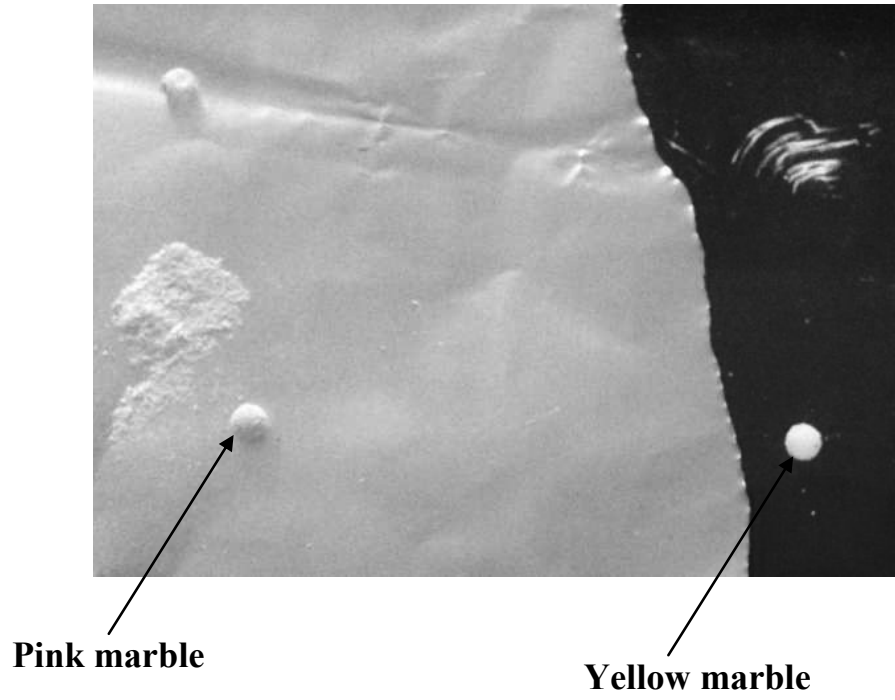
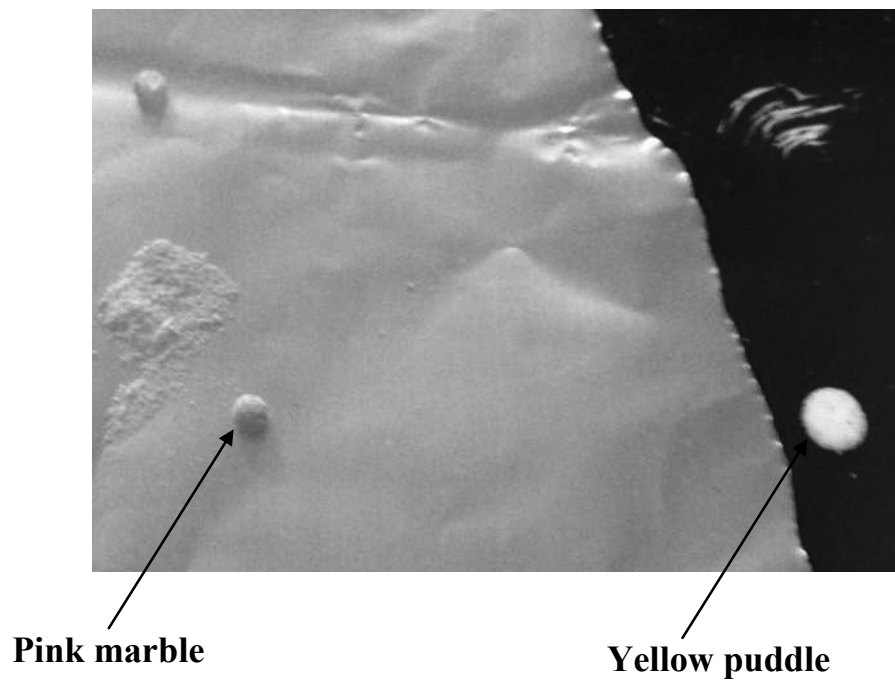


FIG. 4B



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FIG. 5A

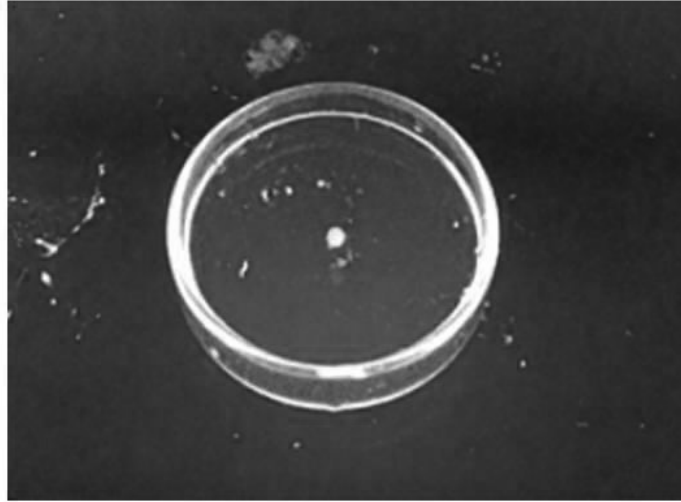


FIG. 5B

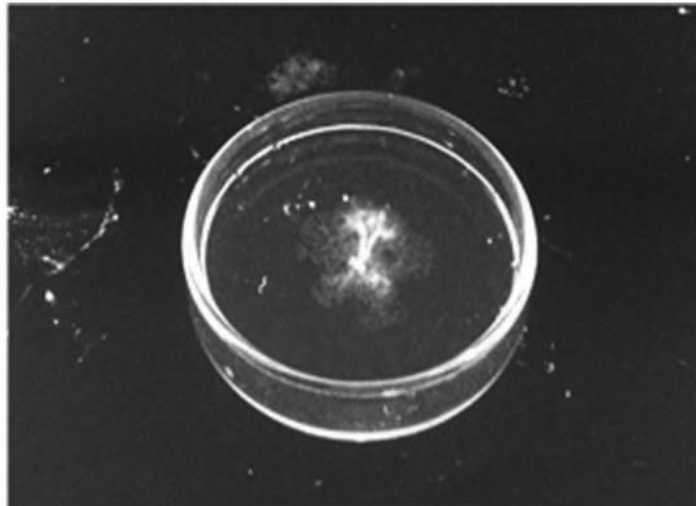


FIG. 7

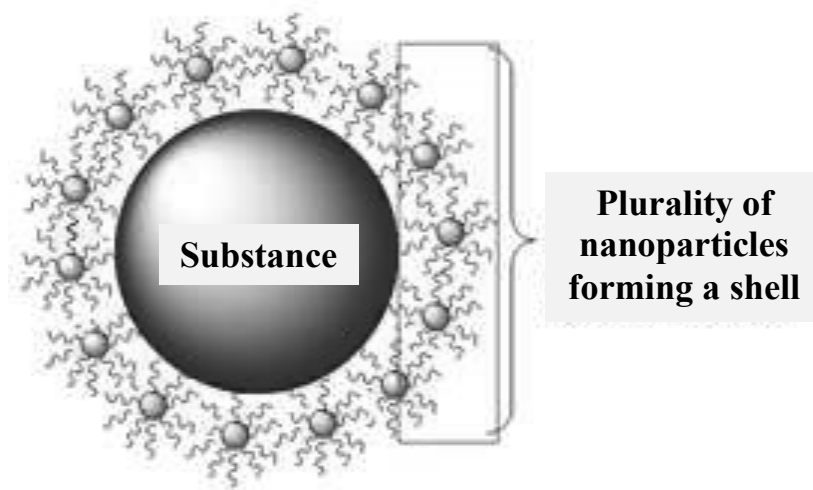


FIG. 8

Wavelength / nm	Dry Water (partial silica coating)
300	15 minutes (70 wt% H ₂ O)
350	15 minutes (86 wt% H ₂ O) 25 minutes (70 wt% H ₂ O)