

Supporting Information

Harnessing the Power of Thermosensitive Liposomes with Gold Nanoprisms and Silica for Controlled Drug Delivery in Combined Chemotherapy and Phototherapy

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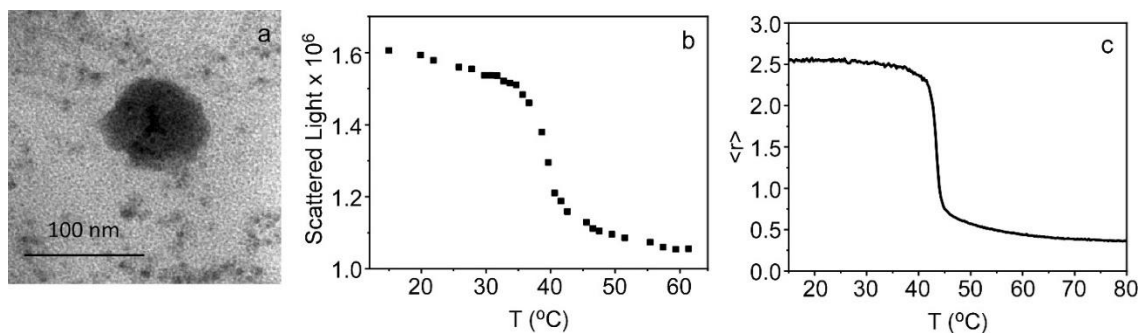


Fig. S1. (a) Transmission electron microscopy (TEM) image of TSLs composed of DPPC, effect of temperature on (b) the scattered light and on (c) the fluorescence anisotropy of TSLs.

Table S1. Photothermal effect (temperature increase, ΔT) of the different nanostructures fabricated irradiating at a laser power of 1.5 W for 60 seconds.

SAMPLE	H ₂ O	TSLs	NPRs	AuNPRs covalently bound to TSLs	[†] AuNPRs and TSLs coencapsulated in BioSi@NPs
ΔT (°C)	3.9 ± 0.9	9.0 ± 0.7	59.3 ± 1.9	52.5 ± 1.3	20.1 ± 3.4

[†] The actual temperature reached inside the structure of the BioSi@NPs after irradiation could not be determined, we only determined the temperature in the solution.