Supporting information

Indocyanine Green-Loaded Polydopamine-Reduced

Graphene Oxide Nanocomposites with Amplifying

Photoacoustic and Photothermal Effects for Cancer

Theranostics

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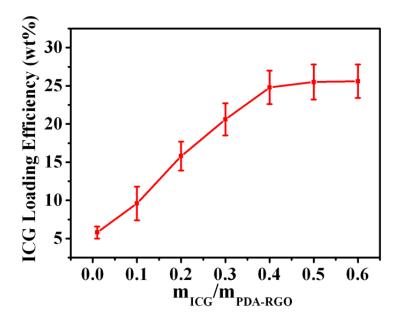


Figure S1. The effect of weight ratio of ICG and PDA-rGO on the ICG loading efficiency.

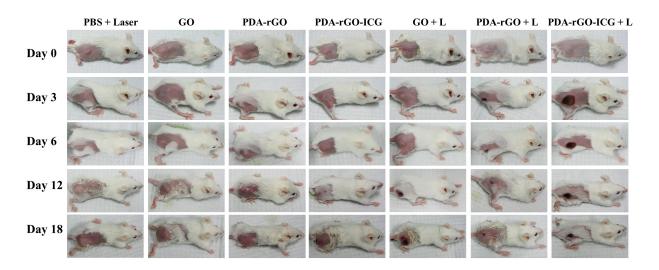


Figure S2. Representative photos of subcutaneous mice on 18 days after treatments.

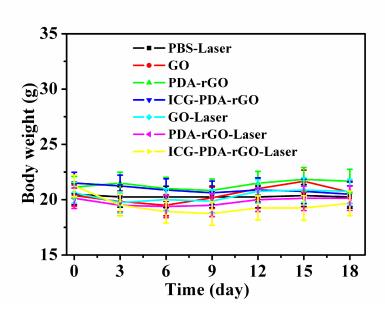


Figure S3. Body weights of mice at different time points after various treatments.

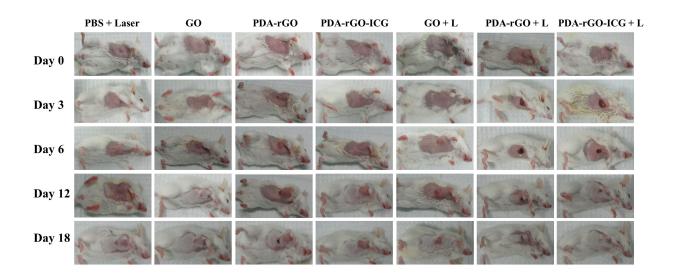


Figure S4. Representative photos of orthotopic mice on 18 days after treatments.

Table S1 Blood analysis data of mice 18 days after PTT: number of white blood cells (WBC#), number of neutrophilic granulocyte (Gran#), the percentage of cells in the middle (Mid%), the concentration of hemoglobin (HGB), mean corpuscular hemoglobin concentration (MCHC), Hematocrit (HCT), mean platelet volume (MPV), platelet distribution width (PDW).

	WBC#	Gran#	Mid%	HGB	МСНС	НСТ	MPV	PDW
PBS + Laser	36.35	10.6	18.03	154.25	382.5	40.3	9	15.9
GO	27.675	18.89	11.2	148.5	384.8	38.6	9.7	14.9
PDA-rGO	57.1	17.2	18.8	147.5	382.5	38.6	9.4	15.4
PDA-rGO-ICG	46.5	24	9.325	158	401.4	39.4	9.4	16.1
PDA-rGO + Laser	53.45	21.475	7.8	157.3	364.7	43.1	7.4	15.4
Free ICG + Laser	19.225	2.5	8.2	157	353.3	44.4	5.9	15.2
PDA-rGO-ICG + Laser	9.8	2.1	9.3	148	358.8	40.2	8.1	16.5
Laser	4.0-10.0	2.0-7.8			320-360	36-48	7.4-10.4	10.5
Reference interval	(10 ⁹ /L)	$(10^9/L)$	(%)	(g/L)	(g/L)	(%)	/.4-10.4 (fL)	15-17