

Supplementary Materials: Polydopamine-Coated Copper-Substituted Mesoporous Silica Nanoparticles for Dual Cancer Therapy

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Supporting information:

Table S1. Tabular representation of CuMSN NP chemical composition in detail.

CTAB	0.58 g
NH ₄ OH solution (0.15 M)	30g NH ₄ OH (30%) dissolve in 1000 mL dd-H ₂ O
Dilute TEOS	5 mL TEOS in 100 mL Ethanol
Concentrate TEOS	25 mL TEOS in 100 mL Ethanol
Copper nitrate	87.8 mg in mL of dd-H ₂ O
Si/Cu mole ratios	$\{[5 \times (5/105) + (25/125)] \times 0.9480 \times 98/208.33\} \times$
Si/Cu = 15 mole ratio	$1000 - 87.8/241.6 = 15$

Citation: Busa, P.; Koutavarapu, R.; Kuthati, Y. Polydopamine-Coated Copper-Substituted Mesoporous Silica Nanoparticles for Dual Cancer Therapy. *Coatings* **2022**, *12*, 60. <https://doi.org/10.3390/coatings12010060>

Academic Editor: Adriano Sacco

Received: 5 December 2021

Accepted: 31 December 2021

Published: 1 January 2022

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