

Supplementary Information for

Anticancer Effect of Fluorouracil and Gum-Based Cerium Oxide Nanoparticles on Human Malignant Colon Carcinoma Cell Line (Caco₂)

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Table S1: Sequence of the primers designed for quantitative reverse-transcriptase polymerase chain reaction (qRT-PCR) assay

Primer	Primer sequence (5'-3')	Conditions	Product size (bp)
<i>GAPDH</i>	F: CGCTCACTGTTCTCTCCCTC R: GCGCCCAATACGACCAAATC		96
<i>BAX</i>	F: GCTTCAGGGTTTCATCCA R: GGCGGCAATCATCCTCTG		86
<i>BCL2</i>	F: CTTTGAGTTCGGTGGGGTCA R: GGGCCGTACAGTTCACAAA	Preincubation: 95°C for 10 minutes, 1 cycle:	120
<i>P53</i>	F: GTCACGAGCGTCGAAGAGAC R: AACTGGACGTTTCAGAGCCA	Denaturation: 95°C for 15 seconds, 35-40 cycles	132
<i>CASPASE-3</i>	F: CAGAGGGGATCGTTGTAGAAGTC R: ACACCACTGTCTGTCTCAATGC	Annealing: 55-65°C for 30 seconds, 35-40 cycles	105
<i>CASPASE-8</i>	F: AACCTCGGGGATACTGTCTGA R: TGGTCAAAGCCCCTGCATC	Extension: 72°C for 30 seconds, 35-40 cycles	101
<i>CASPASE-9</i>	F: CTGCGAACTAACAGGCAAGC R: ACTCTCAAGAGCACCGACAT		114
<i>CXCR1</i>	F: TGGCCGGTGCTTCAGTTAGAT R: AACACCATCCGCCATTTTGC		75
<i>CXCR2</i>	F: GGTCAGTTTCATCGTCAAG R: TTAAATCCTGACTGGGTCGC		108
<i>CXCL8</i>	F: CAGAGACAGCAGAGCACACA R: GGCAAAACTGCACCTTCACA		77

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