

Supplementary Information

to

Cancer Wars: Revenge of the AMPs (Antimicrobial peptides), a new strategy against colorectal cancer

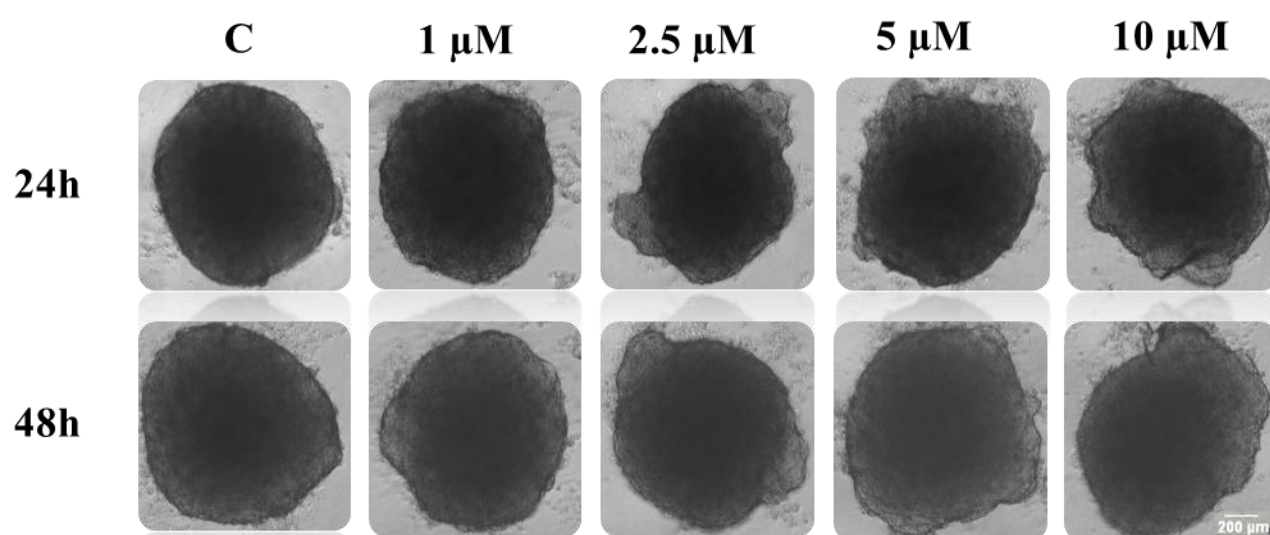


Figure. S1 The cytotoxic effects of CA on HT-29 spheroids. The spheroids were obtained after seeding 5000 cells/well and they were incubated for three days. On the third day of growth, the spheroids were treated with various concentrations of CA (1, 2.5, 5 and 10 μ M). Images were taken with the help of light microscopy a 24 and 48 h, with the 4x objective. The scale bar is 200 μ m and is identical for all the images.

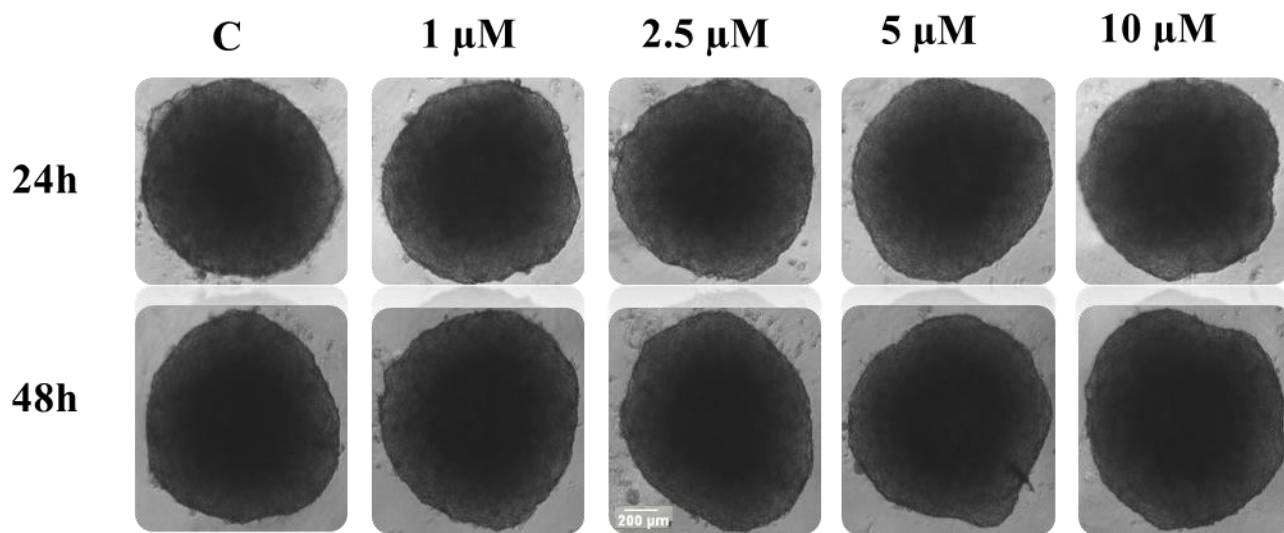


Figure. S2 The cytotoxic effects of CA-Mel on HT-29 spheroids. The spheroids were obtained after seeding 5000 cells/well and they were incubated for three days. On the third day of growth, the spheroids were treated with various concentrations of CA-Mel (1, 2.5, 5 and 10 μ M). Images were taken with the help of light microscopy a 24 and 48 h, with the 4x objective. The scale bar is 200 μ m and is identical for all the images.

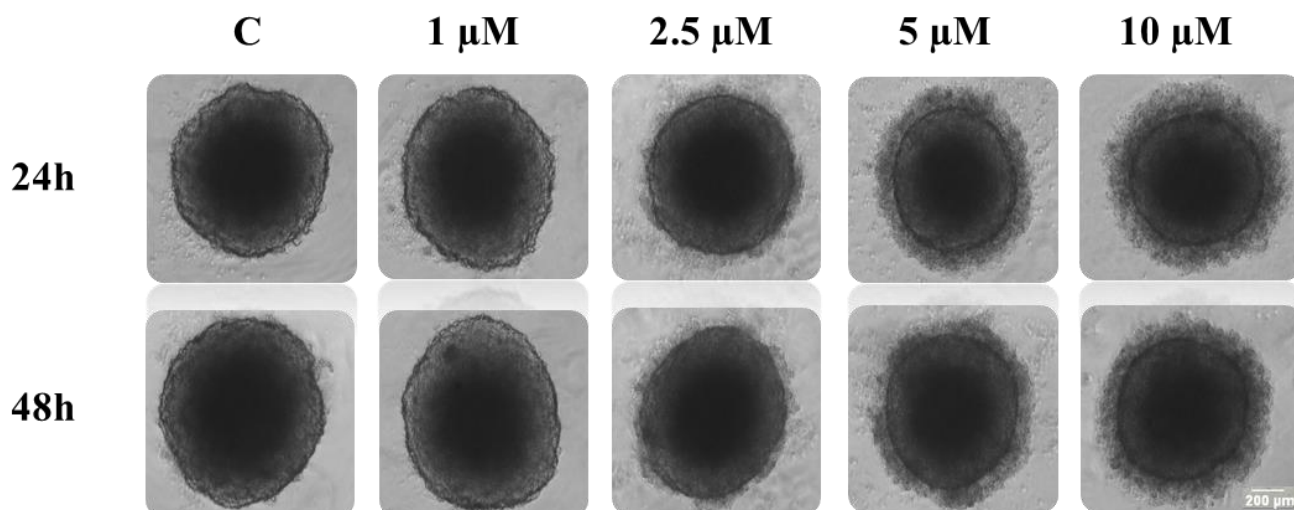


Figure. S3 The cytotoxic effects of Mel on HCT-116 spheroids. The spheroids were obtained after seeding 5000 cells/well and they were incubated for three days. On the third day of growth, the spheroids were treated with various concentrations of melittin (1, 2.5, 5 and 10 μ M). Images were taken with the help of light microscopy a 24 and 48 h, with the 4x objective. The scale bar is 200 μ m and is identical for all the images.

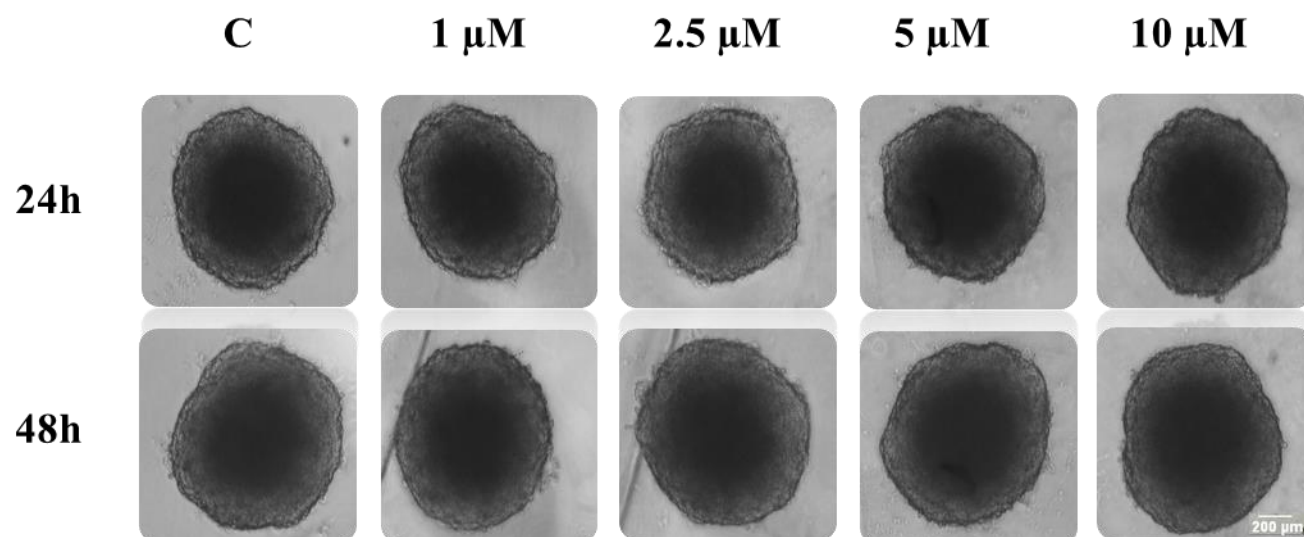


Figure. S4 The cytotoxic effects of CA on HCT-116 spheroids. The spheroids were obtained after seeding 5000 cells/well and they were incubated for three days. On the third day of growth, the spheroids were treated with various concentrations of CA (1, 2.5, 5 and 10 μ M). Images were taken with the help of light microscopy a 24 and 48 h, with the 4x objective. The scale bar is 200 μ m and is identical for all the images.

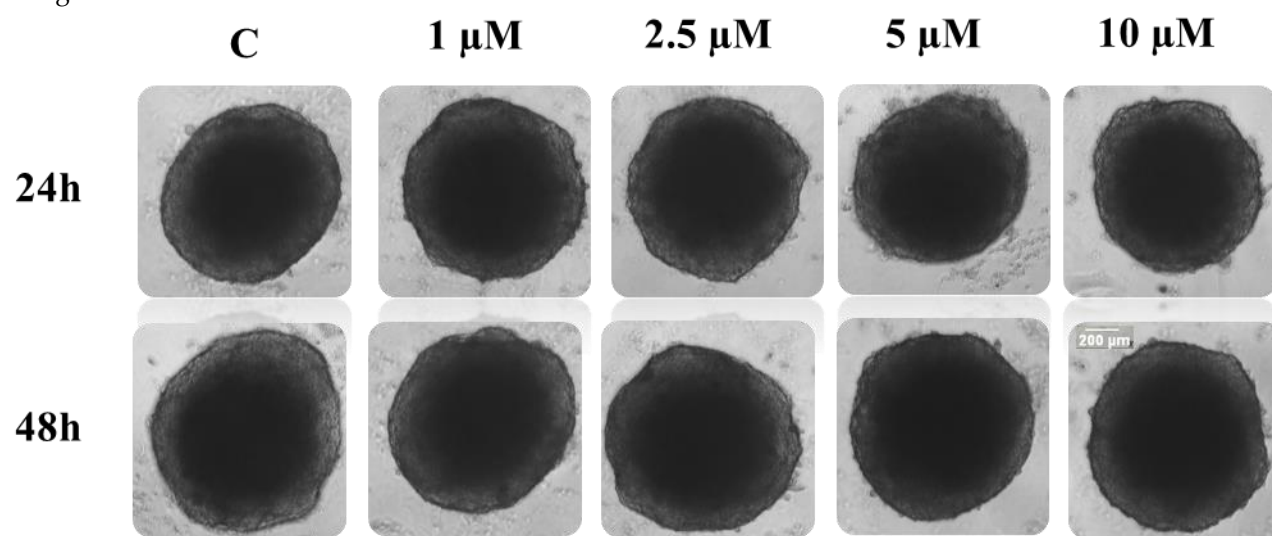


Figure. S5 The cytotoxic effects of CA-Mel on HCT-116 spheroids. The spheroids were obtained after seeding 5000 cells/well and they were incubated for three days. On the third day of growth, the spheroids were treated with various concentrations of CA-Mel (1, 2.5, 5 and 10 μ M). Images were taken with the help of light microscopy a 24 and 48 h, with the 4x objective. The scale bar is 200 μ m and is identical for all the images.