

Supplementary Information for

Microcrater-arrayed Chemiluminescence Cell Chip to Boost Anti-cancer Drug Administration in Zebrafish Tumor Xenograft Model

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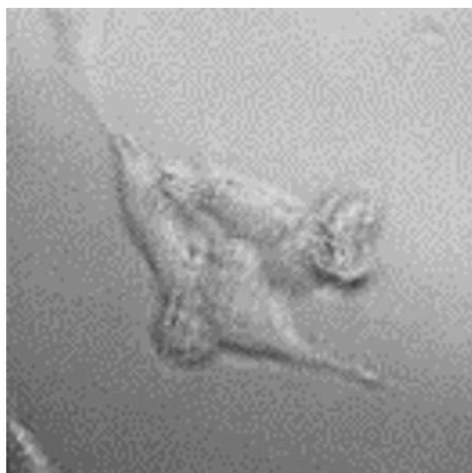
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Supplementary information includes 3 figures.

Supplementary Figures

μ CA chip



96-well plate

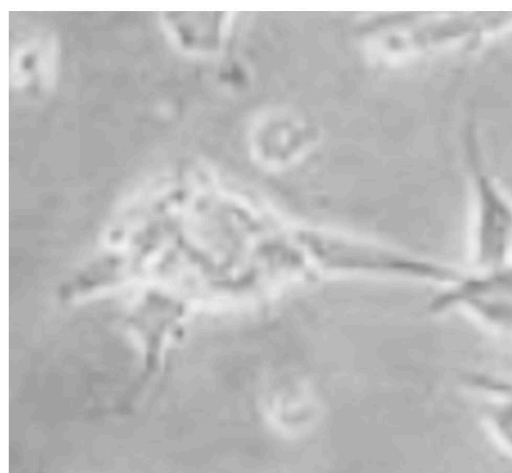


Figure S1. Cell morphology derived from the μ CA chip and 96-well plate. The cells were SK-N-DZ cell lines.

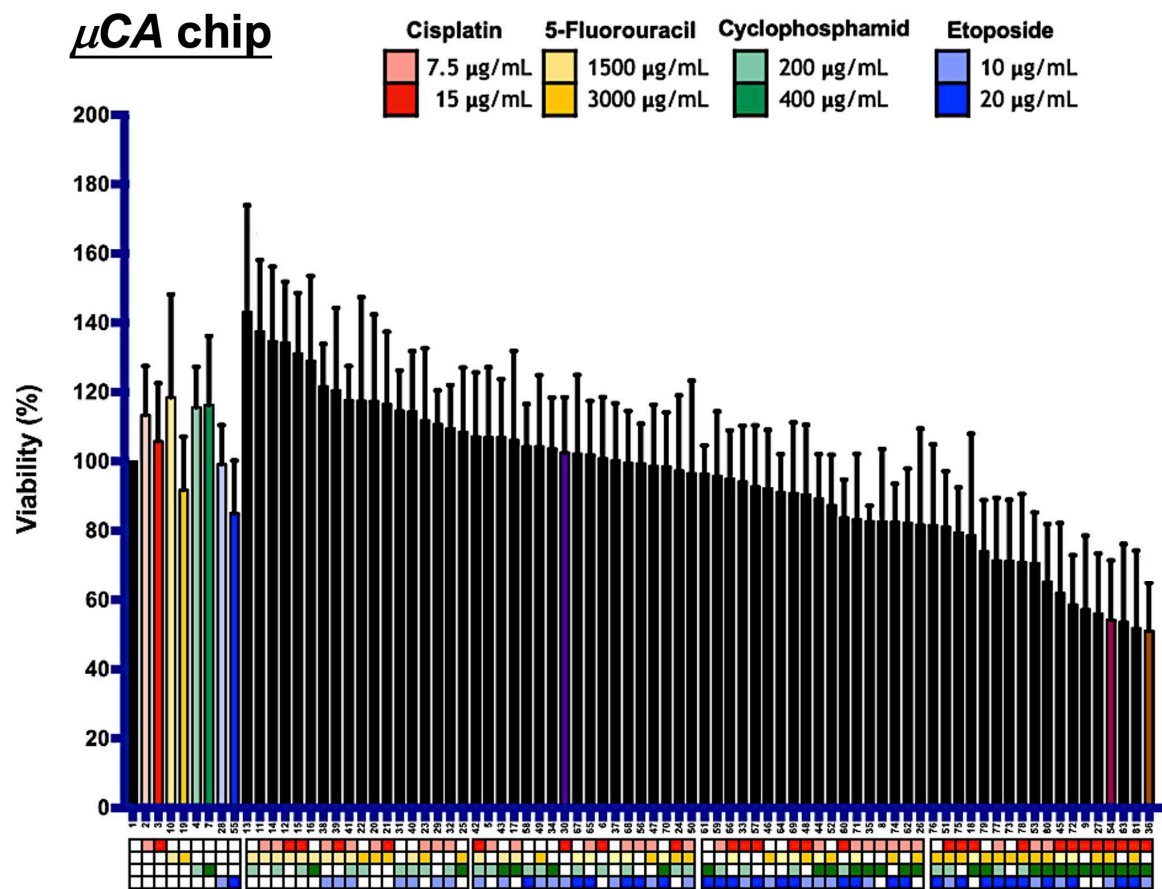


Figure S2. Cell viability of MCF-7 cells under the cocktailed treatments by the μ CA chip. Drugs are selected to be cisplatin, 5-Fluorouracil, cyclophosphamide and etoposide with different concentrations. The four drug combinations selected for analysis are highlighted by purple (#30), dark red (#54) and brown (#36) colors, respectively. Data represent the mean $\pm$ SD, $n = 3$ independent experiments.

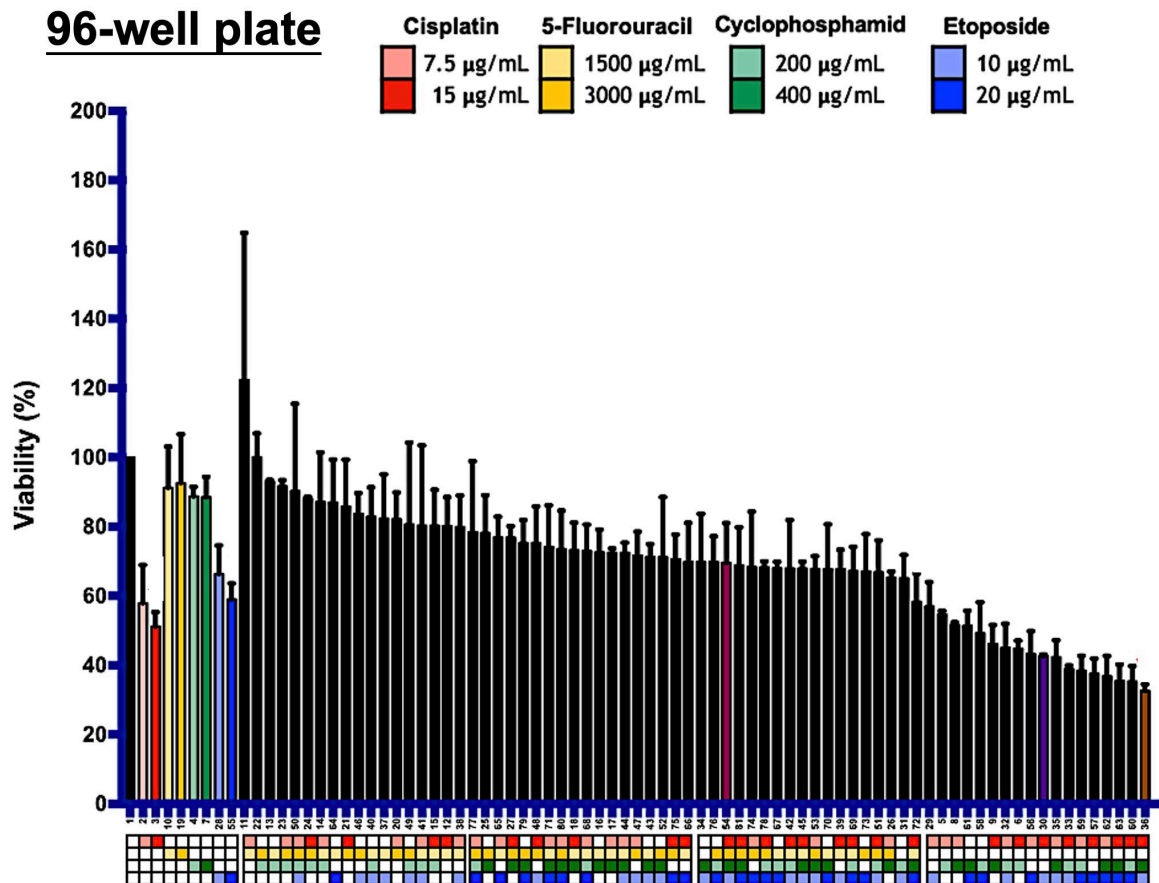


Figure S3. Cell viability of MCF-7 cells under the cocktailed treatments by the 96-well plate. Drugs are selected to be cisplatin, 5-Fluorouracil, cyclophosphamide and etoposide with different concentrations. The four drug combinations selected for analysis are highlighted by dark red (#54), purple (#30) and brown (#36) colors, respectively. Data represent the mean $\pm$ SD, $n = 3$ independent experiments.