

Chemopreventive property of Sencha tea extracts towards sensitive and multidrug-resistant leukemia and multiple myeloma cells

(Supplementary Materials)

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1. Supplementary Figures (Figure S1-S6)

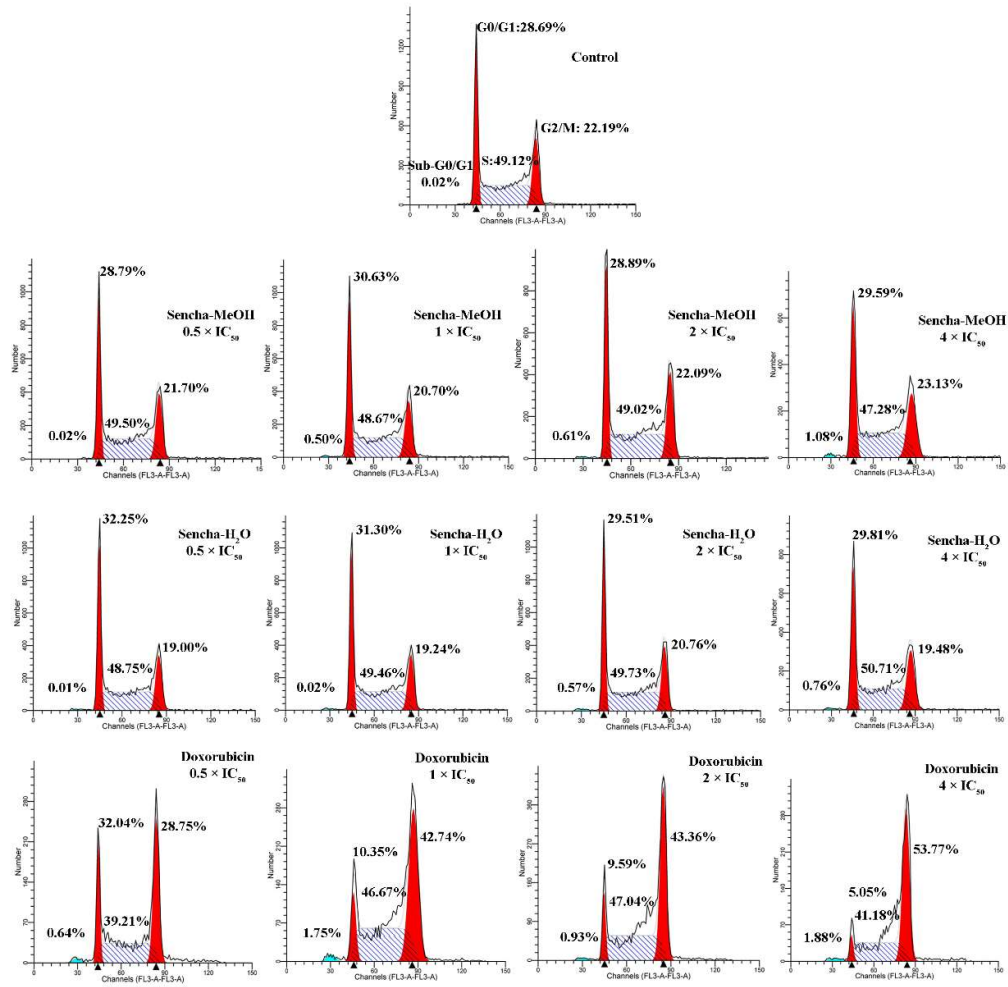


Figure S1. Distribution of cell cycle of CCRF/CEM upon 24 h treatment with sencha-MeOH extract, sencha-H₂O extracts, doxorubicin at a set of concentrations. IC₅₀ values were 8.38 µg/mL for sencha-MeOH extract, 11.50 µg/mL for sencha-H₂O extract, 0.0093 µM for doxorubicin towards CCRF/CEM cells.

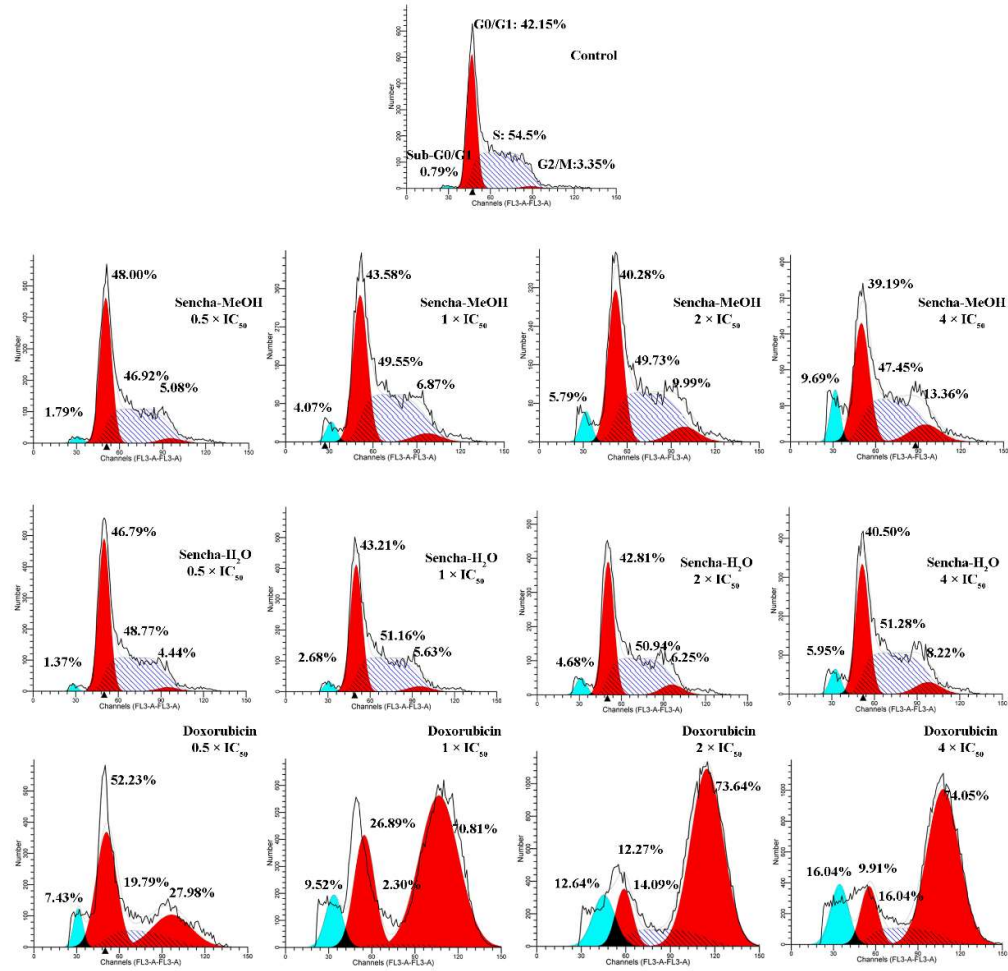


Figure S2. Distribution of cell cycle of CCRF/CEM upon 48 h treatment with sencha-MeOH extract, sencha-H₂O extracts, doxorubicin at a set of concentrations. IC₅₀ values were 8.38 μg/mL for sencha-MeOH extract, 11.50 μg/mL for sencha-H₂O extract, 0.0093 μM for doxorubicin towards CCRF/CEM cells.

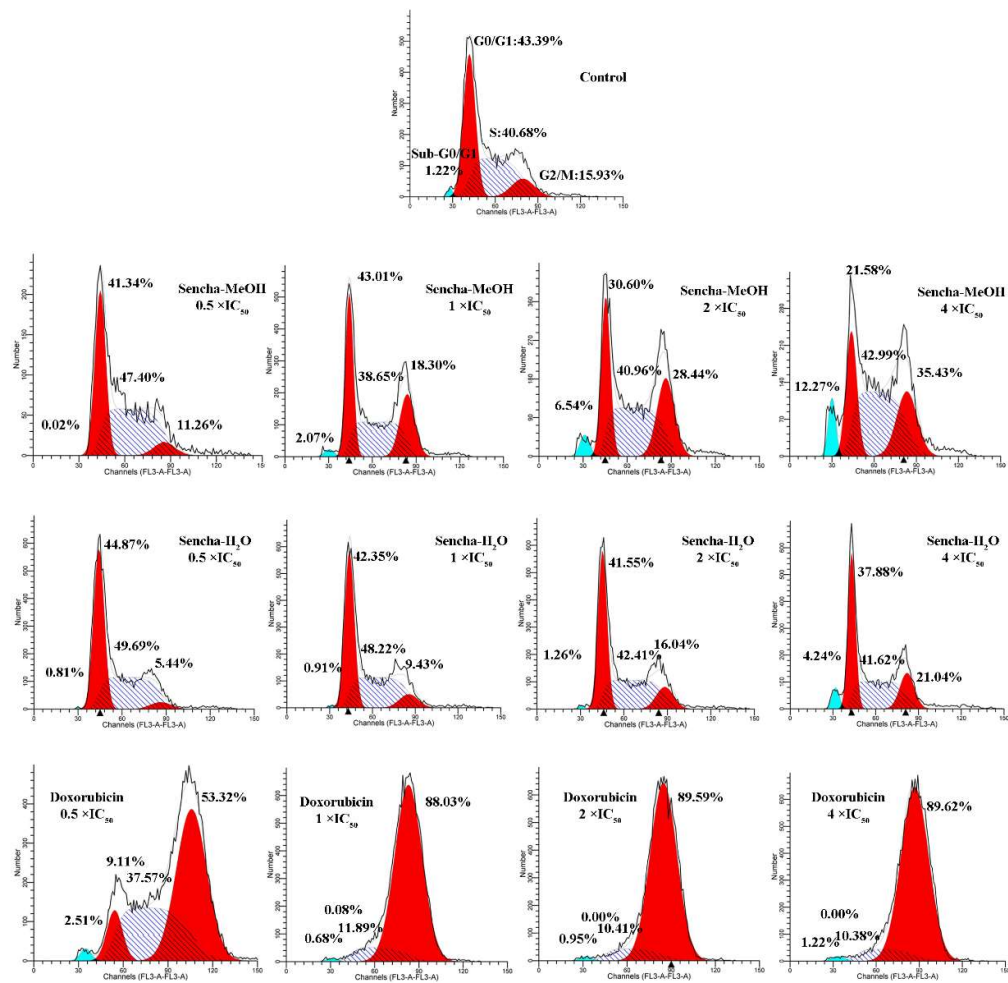


Figure S3. Distribution of cell cycle of CCRF/CEM upon 72 h treatment with sencha-MeOH extract, sencha-H₂O extracts, doxorubicin at a set of concentrations. IC₅₀ values were 8.38 μg/mL for sencha-MeOH extract, 11.50 μg/mL for sencha-H₂O extract, 0.0093 μM for doxorubicin towards CCRF/CEM cells.

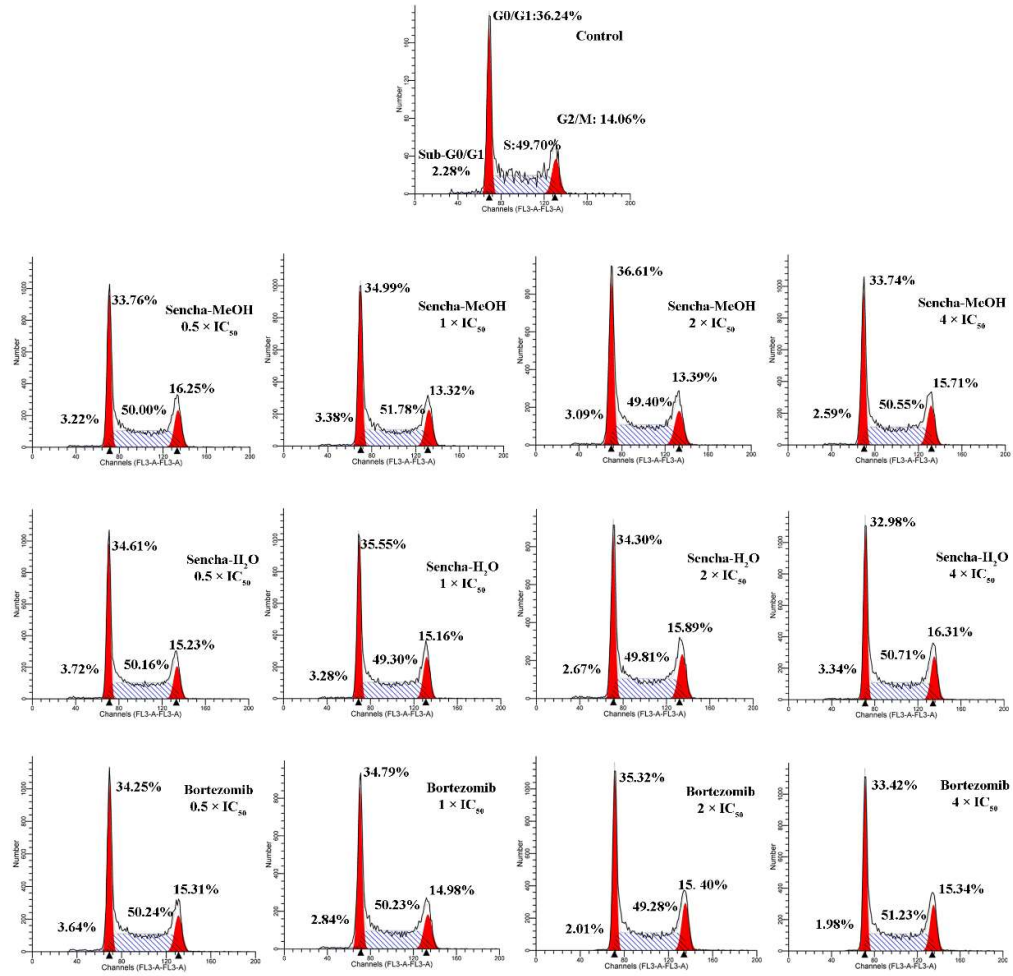


Figure S4. Distribution of cell cycle of KMS-12-BM upon 24 h treatment with sencha-MeOH extract, sencha-H₂O extracts and bortezomib at a set of concentrations. IC₅₀ values were 11.37 µg/mL for sencha-MeOH extract, 14.85 µg/mL for sencha-H₂O extract, 0.0019 µM for bortezomib towards KMS-12-BM cells.

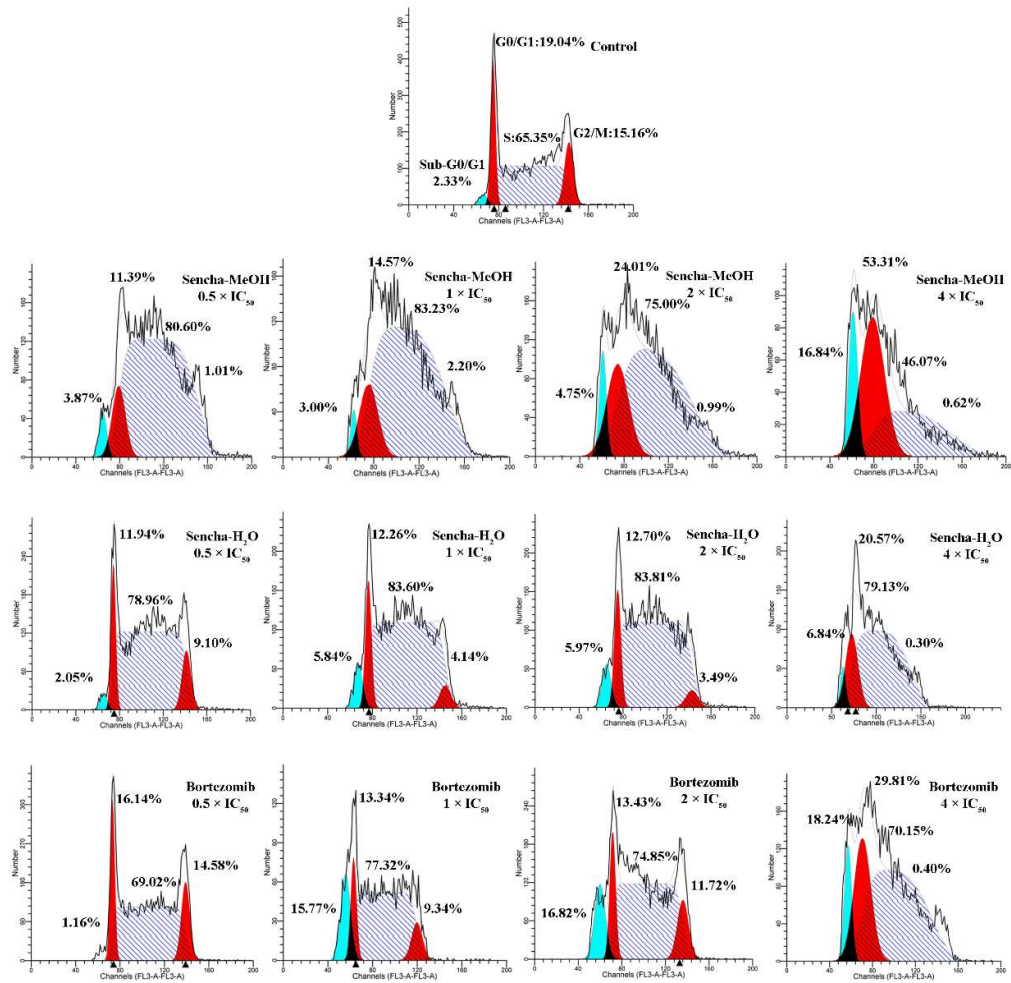


Figure S5. Distribution of cell cycle of KMS-12-BM upon 48 h treatment with sencha-MeOH extract, sencha-H₂O extracts and bortezomib at a set of concentrations. IC₅₀ values were 11.37 µg/mL for sencha-MeOH extract, 14.85 µg/mL for sencha-H₂O extract, 0.0019 µM for bortezomib towards KMS-12-BM cells.

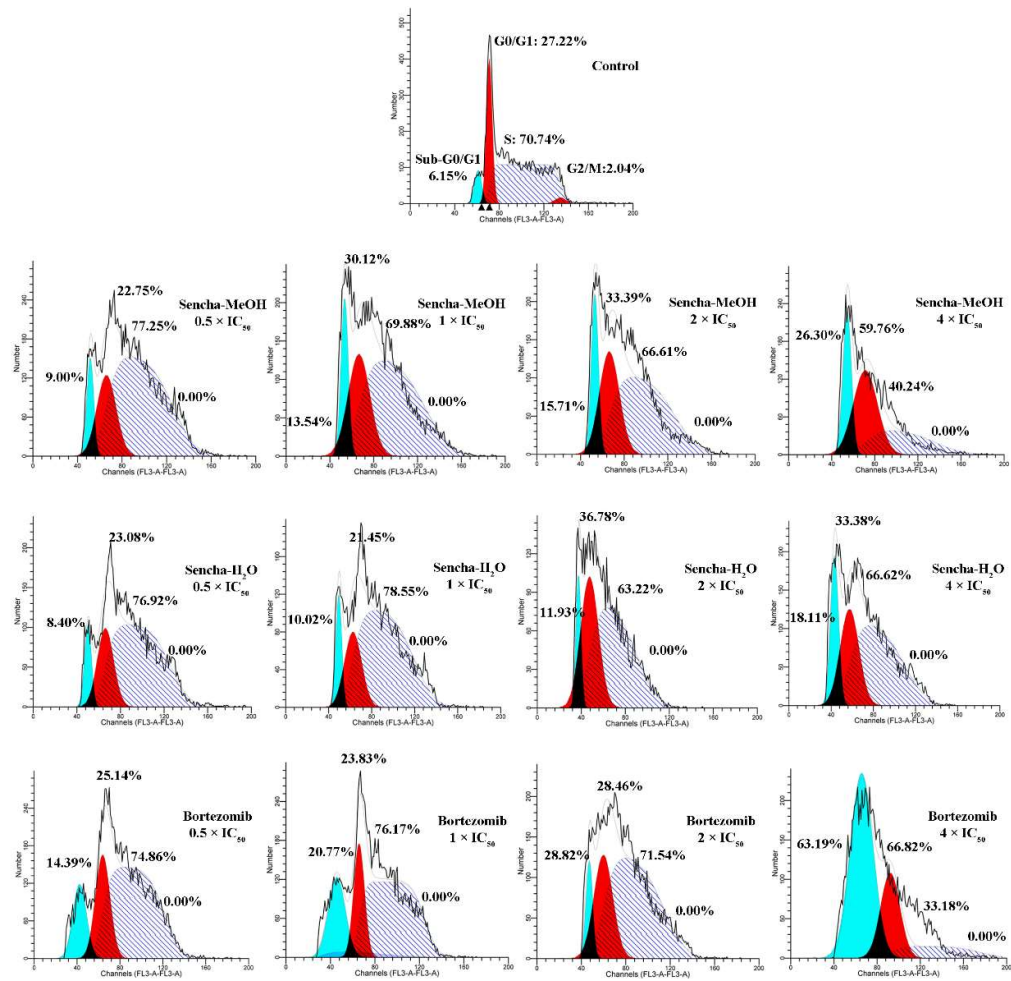


Figure S6. Distribution of cell cycle of KMS-12-BM upon 72 h treatment with sencha-MeOH extract, sencha-H₂O extracts and bortezomib at a set of concentrations. IC₅₀ values were 11.37 µg/mL for sencha-MeOH extract, 14.85 µg/mL for sencha-H₂O extract, 0.0019 µM for bortezomib towards KMS-12-BM cells.