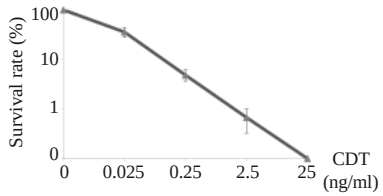
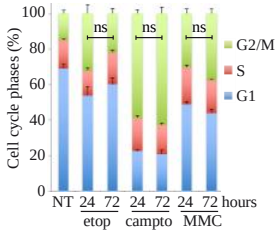
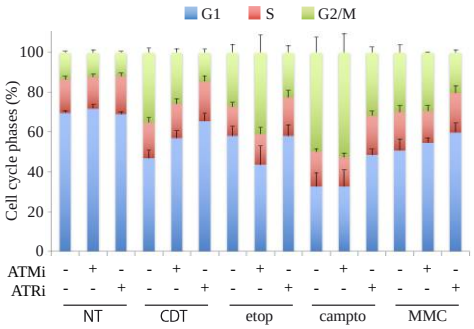


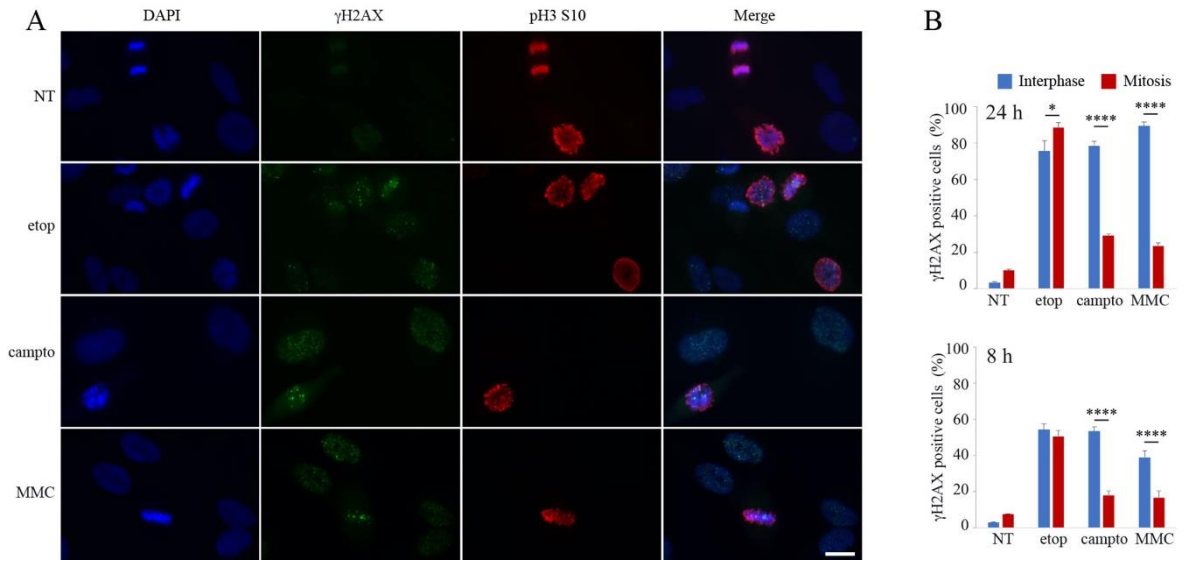
Supplementary Figure 1. HeLa cells were exposed to CDT and subjected to colony formation assay. Results present the mean ± SD (*N*≥3).



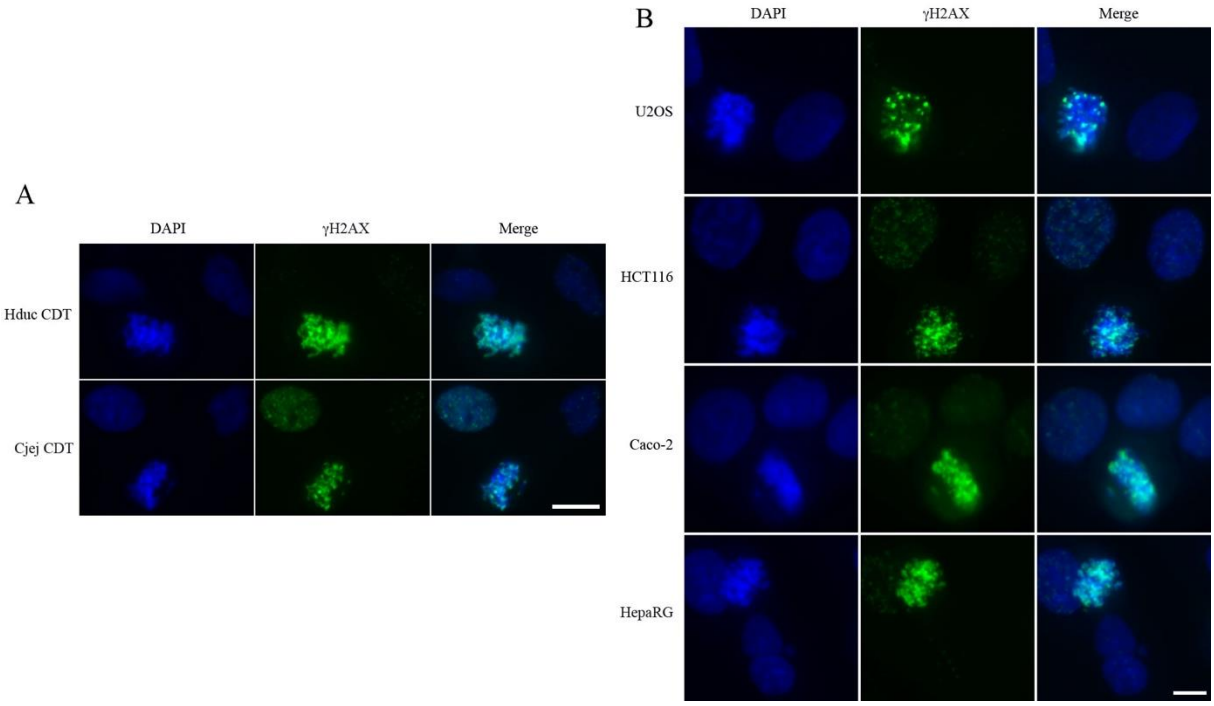
Supplementary Figure 2. HeLa cells were exposed for 24 or 72 h to etop 200 nM, campo 20 nM or MMC 100 nM and subjected to cell cycle analyzes by flow-cytometry. Data represent the mean ± SEM (*N*≥3). Statistics (only G2/M) were calculated by two-way ANOVA followed by Sidak's multiple comparison test.



Supplementary Figure 3. HeLa cells were exposed for 24 h to CDT 0.5 ng/ml, etop 200 nM, campto 20 nM or MMC 100 nM with or without ATMi or ATRi and subjected to cell cycle analyzes by flow-cytometry. Data represent the mean ± SEM (*N*≥3).



Supplementary Figure 4. HeLa cells were exposed to etop 200 nM, campto 20 nM or MMC 100 nM for 24 h or 8 h, and analyzed by immunofluorescence microscopy with antibodies directed against γH2AX and pH3. Representative images (A) and quantification (B) are shown. Scale bar = 20 µm. Data represent the mean ± SEM ($N \geq 3$). Statistics were calculated by two-way ANOVA followed by Sidak's multiple comparison test.



Supplementary Figure 5. Immunofluorescence microscopy analyses with γH2AX antibody and DAPI staining. (**A**) HeLa cells were exposed to Hduc CDT or Cj CDT for 24 h. Scale bar = 20 µm. (**B**) Indicated cell lines were exposed to Ecol CDT for 24 h. Scale bar =