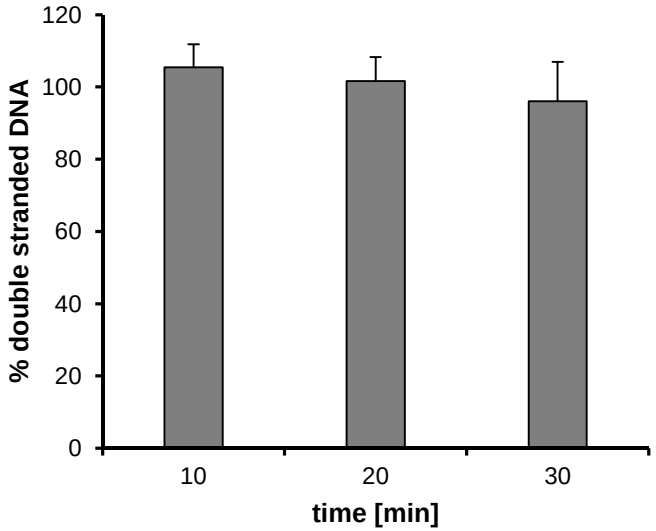
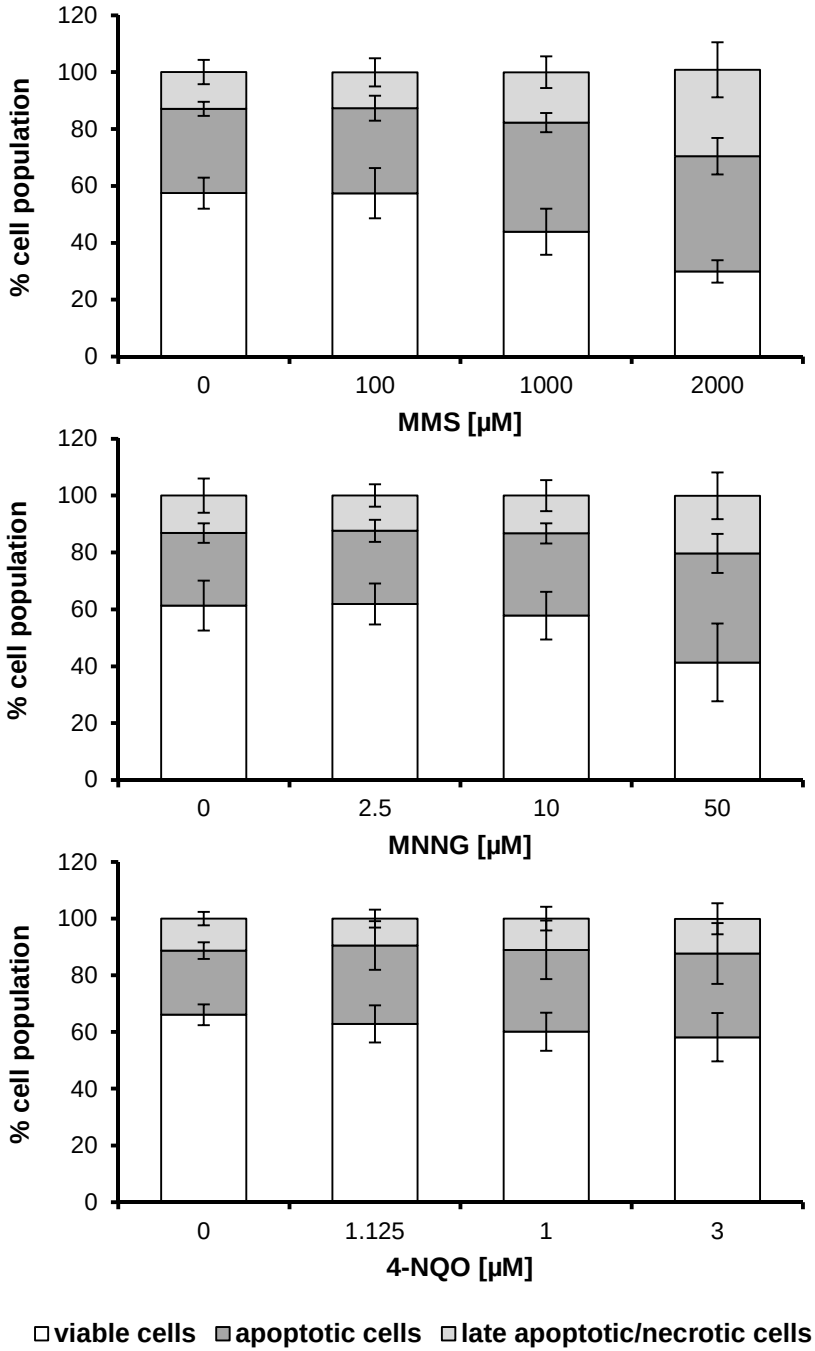
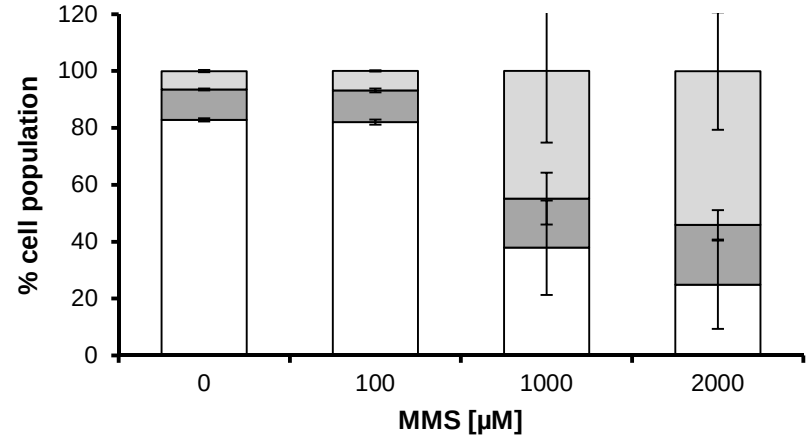
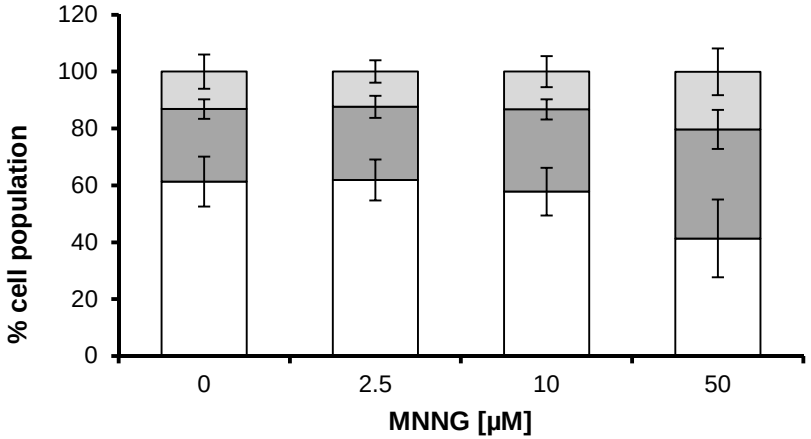


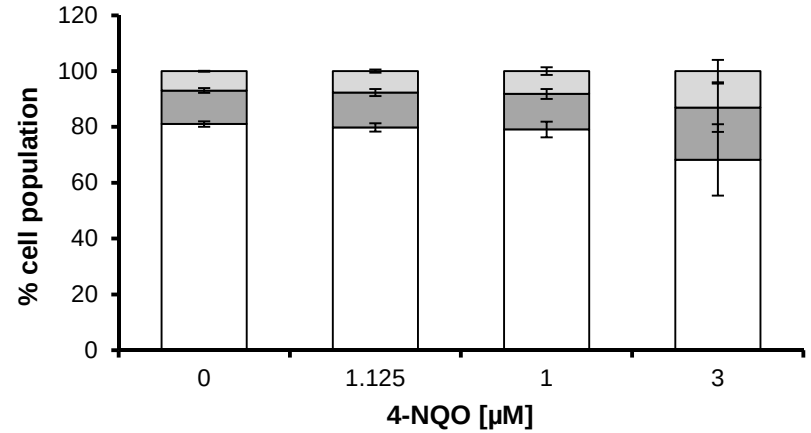
Supplementary Figure A
PBMC were freshly isolated from healthy donors and incubated with 3 µM staurosporine for 10, 20 and 30 minutes respectively, at 37°C. DNA strand break formation was measured using the automated FADU assay. DNA strand break induction was not detected. Error bars represent standard deviations of three independent experiments.



Supplementary Figure B
Jurkat cells were treated with various concentrations of MMS, MNNG and 4-NQO for 10, 20 and 30 minutes at 37°C. Drugs were removed from medium by centrifugation after 30 minutes and cells were resuspended in fresh medium supplemented with 10% FCS. Percentage of viable cells was measured after 24 h using flow cytometry. Error bars represent standard deviations of three independent experiments.







Supplementary Figure C
PBMC were treated with various concentrations of MMS, MNNG and 4-NQO for 10, 20 and 30 minutes at 37°C. Drugs were removed from medium by centrifugation after 30 minutes and cells were resuspended in fresh medium supplemented with 10% FCS. Percentage of viable cells was measured after 24 h using flow cytometry. Error bars represent standard deviations of three independent experiments.