Supplementary Materials

In Vitro Analysis of the Effects of ITER-Like Tungsten Nanoparticles: Cytotoxicity and Epigenotoxicity in BEAS-2B Cells

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Figure S1. Pancentromeric staining in BEAS-2B cells exposed to W-NPs: (a) CMpos and CMneg formation upon exposure to plasma W-NPs; (b) CMpos and CMneg fold increase compared to untreated cells upon exposure to plasma W-NPs; (c) CMpos and CMneg formation upon exposure to laser W-NPs; (d) CMpos and CMneg fold increase compared to untreated cells upon exposure to laser W-NPs. Independently of the presence/absence of hydrogen and tritium, ITER-like plasma and laser W-NPs induced both CMpos and CMneg MN formation compared to the untreated cells (0 µg/ml). MMC (0.1 μg/mL) was used as positive control. Data are expressed as mean value ± SEM of two independent experiments, each in duplicate. Statistically significant differences from the untreated cells were determined by Chi-square test: *p < 0.05, **p < 0.01 and ***p < 0.001.