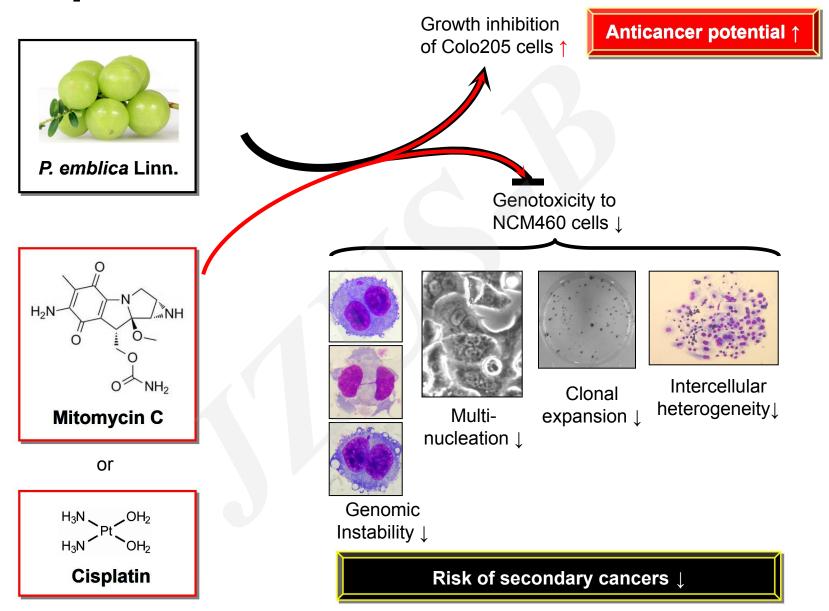
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Phyllanthus emblica Linn. fruit extract potentiates the anticancer efficacy of mitomycin C and cisplatin and reduces their genotoxicity to normal cells in vitro

Key words: *Phyllanthus emblica*, Mitomycin C, Cisplatin, Genomic instability, Cytokinesis-block micronucleus assay

Graphical Abstract



Innovation points

- PE enhances the antiproliferation potential of MMC and cDDP to Colo205 cells (Figure 1)
- PE reduces the genotoxicity of MMC and cDDP to NCM460 cells (Figure 2 and Table 1)
- PE reduces the frequency of multinucleated cells induced by MMC and cDDP in NCM460 cells (Figure 3)
- PE reduces the ability of clonal expansion in MMC- and cDDPtreated NCM460 cells and decreases the cellular heterogeneity in surviving clones (Figure 4)