Reviewer's report

**Title:** Induction of G1 and G2/M cell cycle arrests by the dietary compound 3,3'-diindolylmethane in HT-29 human colon cancer cells

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**Reviewer:** Thomas Szekeres

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Induction of G1 and G2/M cell cycle arrests by the dietary compound 3, 3' diindolylmethane in HT-29 human colon cancer cells by Choi et al.

The authors describe the effects of 3, 3' diindolylmethane on the cell cycle progression in human colon cancer cells (HT-29). The data and results presented are interesting, however I would suggest extending this study and including additional results, as the results presented are describing the effects of one compound in one cell line at one concentration. The concentration of 30 uM used for the experiments is 10 times higher than the concentration which can be achieved and therefore additional data are necessary to draw the conclusions stated by the authors. I would suggest including results with lower concentrations prior to publication of this manuscript.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.