

Honey, chromosomal breakage and fanconi anemia

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There is no explanation on the quality control on all laboratory processes. In addition, the direct effect of honey is not already explained by any proposed mechanism and further implication for *in vivo* scenario might not be possible. In real life, after ingestion, honey has to be absorbed and digested before being passed into blood stream for any physiological or pharmacological action on cells.

Sir,

The present publication on honey against chromosomal breakage in fanconi anemia is very informative.^[1] Mogib El-Dahtory *et al.* reported that "Honey can prevent MMC- induced chromosomal breakage by its antioxidant effect."^[1] This *ex vivo* study was performed in a small group of subjects at different ages. The observation might be questionable for its reliability in terms of both statistics and techniques.

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Reference

1. Mogib El-Dahtory FA, Yahia S. Cytoprotective effect of honey against chromosomal breakage in fanconi anemia patients *in vitro*. Indian J Hum Genet 2011;17:77-81.