CONCLUSION
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- Turmeric (*Curcuma longa*) extract proved to be effective antigenotoxicant against both $K_2Cr_2O_7$ and EMS, on pre and concurrent treatments.

- Tea (*Camellia sinensis*) extract proved to be strong antigenotoxicant against both the chemicals on pre and concurrent treatments.

- Tulsi (*Ocimum sanctum*) extract proved to be effective antigenotoxicant against $K_2Cr_2O_7$ and EMS, on pre and concurrent treatments.

- Ginger (*Zingiber officinale*) extract proved to be weakly genotoxic.

- Berry (*Ziziphus jujuba*) extract proved to be effective antigenotoxicant against cytotoxicity of $K_2Cr_2O_7$ and EMS.

It was concluded that turmeric, tea, *Ocimum* and *Ziziphus* extracts was proved to be effective in reducing $K_2Cr_2O_7$ and EMS induced genotoxicity, when given before or simultaneously with the chemicals, but when given after the treatments with $K_2Cr_2O_7$ and EMS, have no modulatory effects. On the other hand, ginger extract is proved to be weakly genotoxic.