

Review Article

GARCINIA INDICA AND HIBISCUS ROSA SINENSIS: A POTENTIAL ANTIGENOTOXIC PLANTS

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The use of traditional herbal plants like *Garcinia indica* and *Hibiscus rosa sinensis* is widespread and still serves as leads for the development of novel pharmacological agents. Many Indian medicinal plants are considered potential source of antioxidant compounds. This study focuses to characterize the active compounds responsible for antibacterial activity of *Garcinia indica* against strains of bacteria, which cause digestive tract disorders and mild skin infections. The attempt to study *Hibiscus rosa-sinensis* which is very popular in India. It's beneficial effects are also reported in ancient Indian Medicinal literature. *Daucus carota*, *Ocimum sanctum* linn, *Withania Somnifera*, also have antioxidant activity. The majority of rich diversity of Indian medicinal plants is yet to be scientifically evaluated for such properties.

Key Words: *Garcinia indica* Choisy Syn *Brindonia indica*, Kokum, Phytochemistry, Pharmacology, Superoxide dismutase, Catalase, and glutathione peroxidase, Genotoxicity, *Hibiscus rosa sinensis*, Acute toxicity, Micronucleus assay.

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