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Anti-oxidative effects of 17 β -estradiol and genistein in human skin fibroblasts and keratinocytes

Running head: antioxidant effect of estrogens and phytoestrogens

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HIGHLIGHTS

- Peroxidation, increased ROS and oxidative stress can lead to premature aging
- Estrogens and genistein have cytoprotective effects in skin by modulating peroxidation.
- Protective effects on skin involve nitric oxide release and mitochondria function.

ABSTRACT

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