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PCOS: PAB and Inflammatory Cytokines

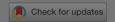
Evaluation of pro-oxidant-antioxidant balance (PAB) and its association with inflammatory cytokines in polycystic ovary syndrome (PCOS)

T. Artimani , J. Karimi, M. Mehdizadeh, M. Yavangi, E. Khanlarzadeh, M. Ghorbani, ...show all

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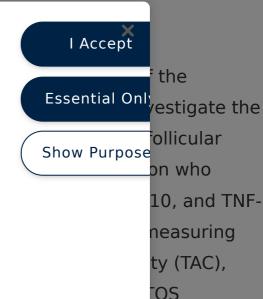
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controls. Concentration of IL-10 was lower in PCOS compared to controls. Significant correlations were found between MDA and TOS concentration with TNF- α and between IL-6 and MDA, IL-8 and TAC, IL-10 and TOS levels and also between IL-10 and TAC levels. TAC and thiol groups were negatively correlated with TNF- α . Increased oxidative stress in PCOS is associated with inflammation which is closely linked. Inflammation can induce production of inflammatory cytokines in this syndrome and directly stimulates excess ovarian androgen production.

Chinese abstract

Q Keywords: Oxidative stress inflammation inflammatory cytokines follicular fluid PCOS

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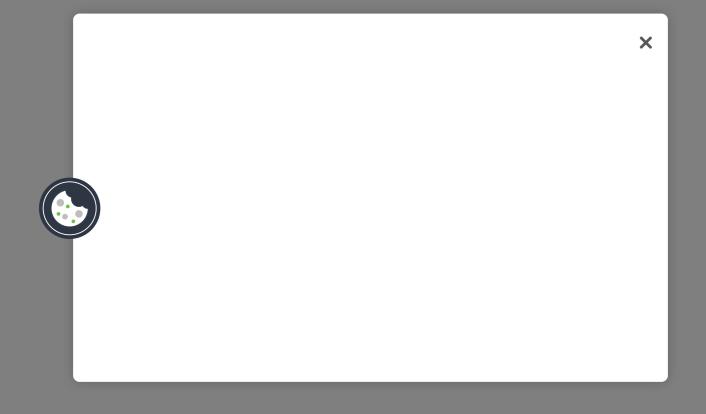
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Additional information

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