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Investigation of amyloid formation inhibition of chemically and biogenically from Citrus aurantium L. blossoms and Rose damascena oils of gold nanoparticles: Toxicity evaluation in rat pheochromocytoma PC12 cells



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**Investigation of amyloid formation inhibition of chemically and biogenically from
Citrus aurantium L. blossoms and *Rose damascena* oils of gold nanoparticles:
 toxicity evaluation in rat pheochromocytoma PC12 cells**

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Abstract

Fibrillation inhibition effects of chemically and biogenically gold nanoparticles (GNPs) were investigated in vitro using human insulin as a model for fibrillation of protein. This inspection was followed using the Congo red assay, thioflavin T fluorescence measurements, transmission electron microscopy, and evaluation of cytotoxicity effects on rat pheochromocytoma PC12 cells. Biogenic GNPs were

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