

INVITATION LETTER

[Artificial Cells, Nanomedicine and Biotechnology <onbehalfof+artcell.med+mcgill.ca@manuscriptcentral.com>](mailto:onbehalfof+artcell.med+mcgill.ca@manuscriptcentral.com)

12/22/16 at 10:43 PM

To

rupiasih69@yahoo.com

22-Dec-2016

Dear Dr N. Nyoman Rupiasih:

The above manuscript, entitled "Green synthesis of silver nanoparticles using Anthemis atropatana extract: characterization and in vitro biological activities" with Dr Mirzaie as contact author has been submitted to Artificial Cells, Nanomedicine and Biotechnology.

I would be grateful if you would kindly agree to act as a reviewer for this paper. The abstract appears at the end of this letter, along with the names of the authors.

Please let me know as soon as possible within one week if you will be able to accept my invitation to review. To do this please either click the appropriate link below to automatically register your reply with our online manuscript submission and review system, or e-mail me with your reply.

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Our expert reviewers greatly contribute to the high standards of the Journal, and I thank you for your present and/or future participation.

Sincerely,

Professor Thomas Ming Swi Chang, OC, MD, PhD, FRCPC, FRS(C)
Director Artificial Cells & Organs Research Centre,
Depts of Physiology, Medicine & Biomedical Engineering
Faculty of Medicine, McGill University, Montreal
Quebec, Canada
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Editor in Chief, Artificial Cells, Nanomedicine and Biotechnology
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MANUSCRIPT DETAILS

TITLE: Green synthesis of silver nanoparticles using *Anthemis atropatana* extract: characterization and in vitro biological activities

AUTHORS: Mirzaie, Amir; Dehghani Zade, Saeede ; Arasteh, Javad

ABSTRACT: The aim of this study was to synthesize silver nanoparticles (AgNPs) using *Anthemis atropatana* extract and evaluate their chemical characteristics, antimicrobial and cytotoxic effects. Results of UV-Vis, TEM, SEM, FTIR and XRD confirmed the synthesis of AgNPs. The MTT results indicated that the dose dependence of cytotoxic effects of AgNPs on cell lines. Moreover, Real Time PCR and flow cytometry results confirmed the apoptotic effects of AgNPs. According to the results, it seems that the green synthesis of AgNPs is an eco-friendly and cost effective approach and AgNPs had excellent biological activities.

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12/28/16 at 6:30 AM

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rupiasih69@yahoo.com

27-Dec-2016

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Editor in Chief, Artificial Cells, Nanomedicine and Biotechnology
artcell.med@mcgill.ca

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