

## Accepted Manuscript

Title: Formulation of vitamin D encapsulated cinnamon oil nanoemulsion: Its potential anti-cancerous activity in human alveolar carcinoma cells

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PII: S0927-7765(18)30191-7  
DOI: <https://doi.org/10.1016/j.colsurfb.2018.03.041>  
Reference: COLSUB 9242

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 1-12-2017  
Revised date: 20-3-2018  
Accepted date: 24-3-2018

Please cite this article as: Nikita Meghani, Pal Patel, Krupa Kansara, Shivendu Rajan, Nandita Dasgupta, Chidambaram Ramalingam, Ashutosh Kumar, Formulation of vitamin D encapsulated cinnamon oil nanoemulsion: Its potential anti-cancerous activity in human alveolar carcinoma cells, *Colloids and Surfaces B: Biointerfaces* <https://doi.org/10.1016/j.colsurfb.2018.03.041>

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## ***Formulation of vitamin D encapsulated cinnamon oil nanoemulsion: its potential anti-cancerous activity in human alveolar carcinoma cells***

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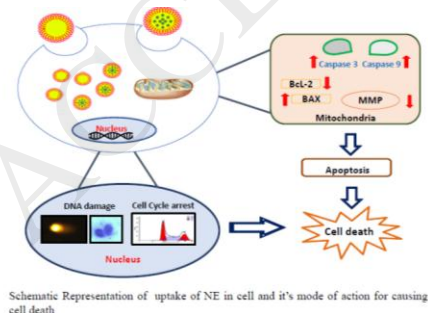
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Highlights

- Cinnamon oil and vitamin D encapsulated cinnamon oil NE were fabricated.
- Ultrasonic emulsification method was used for synthesis of both the NEs.
- Both NEs showed concentration dependent cytotoxicity and genotoxicity in A549 cells.
- Both the NEs showed antibacterial properties and thus can be used in food industry.
- Cinnamon oil NE can be used as carrier for nutraceuticals like vitamin D.

# - Authors contributed equally

### **Graphical abstract**



### **Abstract**

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