

Review Form 3

Journal Name:	Asian Journal of Research and Reports in Endocrinology
Manuscript Number:	Ms_AJRRE_129624
Title of the Manuscript:	Advancing Vitamin D3 Therapy: The Emergence of Nano-Carrier Entrapped Vitamin D3-Oral Formulation
Type of the Article	Review Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This issue can be overcome with the use of vitamin D formulations based on nanotechnology, especially nano-emulsions. Because nano-emulsions have tiny droplets (less than 200 nm), they make hydrophobic nutrients more stable and bioavailable. Utilizing Aqueol® Nanotechnology, the Entrapped Vitamin D3-Oral formulation is a nano-carrier with a less than 150 nm size and a stable nanoparticle structure. By strengthening resistance to pH changes and digestive enzymes, this novel formulation guarantees that vitamin D3 is effectively delivered to the intestinal absorption sites for increased bioavailability. This formulation is more effective than traditional formulations, according to clinical studies, and the serum vitamin D levels are higher and more stable.	
Is the title of the article suitable? (If not please suggest an alternative title)	No A Review on Development of Nano-Carrier Entrapped Vitamin D3-Oral Formulation: A Step Forward in Vitamin D3 Therapy	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Addition of key words Vitamin D3, Nano-Carrier, Entrapped, Oral Formulation	
Is the manuscript scientifically, correct? Please write here.	Addition in manuscript Addition in traditional Vitamin D3 Formulations, Introduction to Nanotechnology,	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Add latest reference	
Is the language/English quality of the article suitable for scholarly communications?	Yes, suitable for scholarly communication.	
Optional/General comments	Yes Justify the all manuscript	.

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Kshirsagar Dudheshwar Chandrakant
Department, University & Country	Gourishankar Institute of Pharmaceutical Education & Research, India