Manipal Journal of Pharmaceutical Sciences

Volume 5 | Issue 1 Article 7

3-1-2019

Bio-functionalized corona nanoparticles as drug delivery systems

Asra Parveen

HKES's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences

Sushruta Marla

HKES's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences

Basawaraj Bendegumble

HKES's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences

Mohan V. Kodli

RMES's College of Pharmacy

Mahadevappa Rampure

HKES's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences

See next page for additional authors

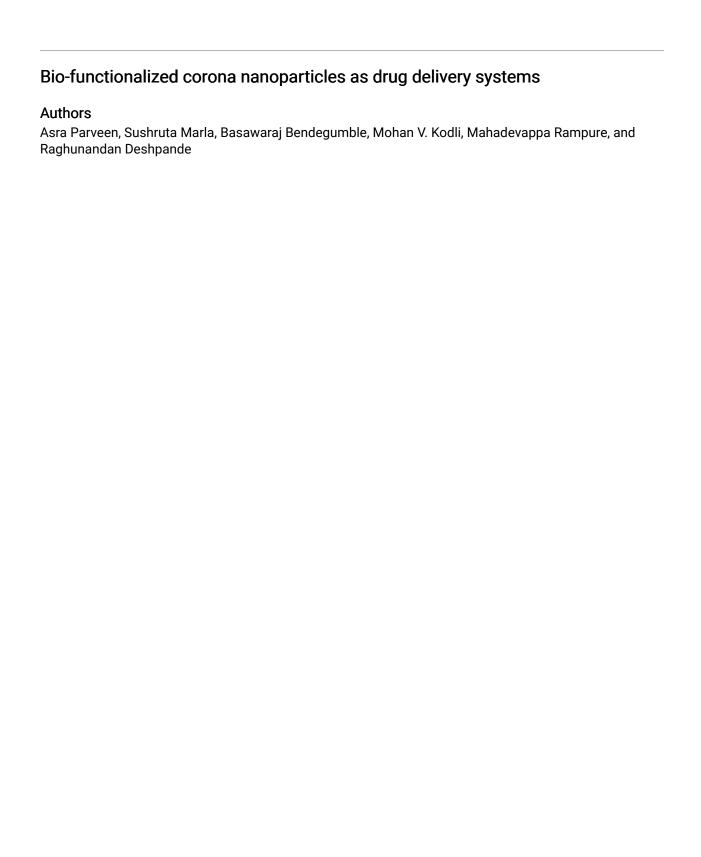
Follow this and additional works at: https://impressions.manipal.edu/mjps

Recommended Citation

Parveen, Asra; Marla, Sushruta; Bendegumble, Basawaraj; Kodli, Mohan V.; Rampure, Mahadevappa; and Deshpande, Raghunandan (2019) "Bio-functionalized corona nanoparticles as drug delivery systems," *Manipal Journal of Pharmaceutical Sciences*: Vol. 5: Iss. 1, Article 7.

Available at: https://impressions.manipal.edu/mjps/vol5/iss1/7

This Review Article is brought to you for free and open access by the MAHE Journals at Impressions@MAHE. It has been accepted for inclusion in Manipal Journal of Pharmaceutical Sciences by an authorized editor of Impressions@MAHE. For more information, please contact impressions@manipal.edu.



Review Article

Bio-functionalized corona nanoparticles as drug delivery systems

Asra Parveen, Sushruta Marla, Basawaraj Bendegumble, Mohan V Kodli, Mahadevappa Rampure, Raghunandan Deshpande*

Email: microraghu@yahoo.co.in

Abstract

Surfacebound bio-moieties like biofluids, proteins, vitamins etc., to nanoparticles can be used as promising drug delivery systems in future. Once corona nanoparticles morphology, structural studies and physicochemical properties are established, then these bio-moieties covered nanoparticles will be better, safer and efficient carrier systems for entering into internal parts of the biological living things.

Key words: Bio-moieties, corona nanoparticles, drug delivery systems, physicochemical properties

Asra Parveen¹, Sushruta Marla¹, Basawaraj Bendegumble¹, Mohan V Kodli², Mahadevappa Rampure¹, Raghunandan Deshpande¹

¹HKES's Matoshree Taradevi Rampure Institute of Pharmaceutical Sciences, Gulbarga 585105, Karnataka, India

²RMES's College of Pharmacy, Balaji Nagar, Gulbarga 585102, Karnataka, India

* Corresponding Author

Date of Received: 27 Jan 2019, Date of Revised: 18 Feb 2019,

Date of Accepted: 20 Feb 2019

How to cite this article: Parveen A, Marla S, Bendegumble B, V Kodli M, Rampure M, Deshpande R. Bio-functionalized corona nanoparticles as drug delivery systems. *MJPS* 2018; 5(1): 39-44.

1