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Educational Qualification: M. Pharm

Year of Registration: 01-07-2020.

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Research Abstract :- Colorectal cancer (CRC) is the third most common cancer worldwide. Its poor response to current treatment options in advanced stages and the need for efficient diagnosis in early stages call for the development of new therapeutic and diagnostic strategies. Some of formulation are based on the use of nanometric materials as carriers and releases of therapeutic agents and fluorescent molecules, or even on the utilization of magnetic materials that provide very interesting properties. These nanoformulation existing several advantages compared with the free molecular cargo, including increased drug solubility, bioavailability, stability, and tumor specificity. Moreover, tumor multidrug resistance has been decreased in some cases, leading to improved treatment effectiveness by reducing drug dose and potential side effects. Here, we present an updated overview of the latest advances in clinical research, *in vivo* studies, and patents regarding the application of nanoformulation in the treatment of CRC.

Fellowships: No fellowships

Awards & Scholarships:

- I got 600 ranks in PGE CET.
- Presented poster in Advances, challenges and oppurtunities in Pharmaceutical sciences.
- Participated National seminar on Recent advances in pharmaceutical sciences entitled “ pharmaceutical impurities”

Way Forward: I want to see myself in a research field.