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## **Review on Targeted Drug Delivery System**

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Abstract: Targeted drug delivery is an advanced method of delivering drugs to the patients in such a targeted sequences that increases the concentration of delivered drug to the targeted body part of interest only (organs/tissues/ cells) which in turn improves efficacy of treatment by reducing side effects of drug administration. Basically, targeted drug delivery is to assist the drug molecule to reach preferably to the desired site. Targeted drug delivery seeks to concentrate the medication in the tissues of interest while reducing the relative concentration of the medication in the remaining tissues. This improves efficacy of the while reducing side effects. It is very difficult for a drug molecule to reach its destination in the complex cellular network of an organism

Keywords: drug delivery

## REFERENCES

- [1]. Mrs Jaya Agnihotri, Dr. Shubhini Saraf, Dr. Anubha Khale, Targeting: New Potential carriers for Targetted Drug Delivery system, International Journal of pharmaceutical sciences Review and Research 2011;8(2):117-120.
- [2]. VJ Mohanraj, Y Chen, Nanoparticles A Review, Tropical Journal of Pharmaceutical Research 2006; 5(1):561-564.
- [3]. A.R. Mullaicharam, Nanoparticles in Drug Delivery systems, International Journal of Nutrition, Pharmacology, Neurological diseases 2011; 1(2):103-108.
- [4]. Elvis A. Martis, Rewa R. Badve, Mukta D. Degwekar, Nanotechnology Based Devices and Applications in Medicine: An Overview 2013; 3(1):69-70.
- **[5].** Prabhakar Vishvakrama and Saurabh Sharma, Liposomes: An Overview, International Journal of Research in Pharmaceutical and Biomedical Sciences 2012; 3(3):1074-1076.
- [6]. Kant Shashi, Kumar Satinder, Prashar Bharat, A Complete Review on Liposomes, International research Journal of Pharmacy 2012;3(7):10-15.
- [7]. D.D. Lasic, Applications of Liposomes, Volume 1, edited by R. Lipowsky and E. Sackmann 493-494.
- [8]. Prasanth v.v, Akash Chakraborthy Moy, Sam T Mathew, Rinku Mathapan, Microspheres An Overview, International Journal of Research in Pharmaceutical and Biomedical Sciences 2011;2(2):332-337.
- [9]. Shagufta Khan, Tripti Tiwari, Neha Rao, Amit Joshi, Bal Krishna Dubey, Microspheres: A Review, World Journal of Pharmacy and Pharmaceutical Sciences 2012; 1(1):126-129,139-142.
- [10]. Kataria Sahil1, Middha Akanksha1, Sandhu Premjeet1, Ajay Bilandi and Bhawana Kapoor, Microsphere: A Review, International Journal of research in Pharmacy and Chemistry 2011; 1(4):1186-1188.
- [11]. Peter A. Ward, Methods of Producing Monoclonal antibodies, 4-9.

