



## Dr. Manickam Balamurugan

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موقع المكتب: 03-33.

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الحالة الاجتماعية: ....

**Research interest:** (1) Novel Drug Delivery Systems (NDDS) (2) Formulation Development (3) Clinical research (4) Utilizing alternative/natural membranes for the in-vitro permeation studies for evaluating topical & transdermal formulations

### المؤهلات الأكاديمية

PhD., University of Delhi, India, 2007

M.Pharm., The TN DR.M.G.R. Medical University, Chennai, India, 1999

### أنشطة التدريس

Physical Pharmacy

Pharmaceutics II

### الأنشطة البحثية

الاهتمامات البحثية -

(Novel Drug delivery systems (NDDS

Transdermal & topical drug delivery systems, Nanoparticles, Microspheres, Liposomes, Floating

المنشورات -

مقال:

1. Genipin' - The Natural Water Soluble Cross- Linking Agent and its importance in the Drug' .1  
.Delivery Systems: An Overview. Current drug delivery 11.1 (2014): 139-145
2. In-Vitro Permeation Studies of Commercially Available Diclofenac Sodium Gel (sample analysis . .2  
using LC-MS/MS) Through the Two Different Shed Snake Skins Obtained from Various Regions of  
(Sultanate of Oman- a Pilot Study. Lat. Am. J. Pharm. 32 (7): 1069-73 (2013
3. Preparation and Characterization Benzathine Penicillin G Solid Dispersions Using Different .3  
.Hydrophilic Carriers. International Journal of Drug Delivery, Volume 5, Pages 420 - 429, 2013
4. Matrix type transdermal patches of captopril: Ex vivo permeation studies through excised rat .4  
.skin. Journal of pharmacy research 6 (2013) 774-779
5. Formulation, Characterization and In-vitro Evaluation of Abacavir Sulphate Loaded .5  
.Microspheres. Research J. Pharm. and Tech, 2013, 6(7):731-735
6. Formulation and evaluation of chitosan based bio-adhesive transdermal drug delivery systems .6  
.of lisinopril for prolonged drug delivery. Der Pharmacia Sinica, 2013, 4(3):1-7
7. Chitosan: A perfect polymer used in fabricating gene delivery and novel drug delivery systems, .7  
.International Journal of Pharmacy and Pharmaceutical Sciences,2012, 4(3):54-56
8. Protective and curative effects of polyphenolic extract from Ichnocarpus frutescense leaves on .8  
experimental hepatotoxicity by carbon tetra chloride and tamoxifen. Annals of Hepatology,  
January-March, Vol 10 No.1, 2011:63-72
9. Anti-carcinoma Activity of Polyphenolic Extract of Ichnocarpus frutescens. Planta Medica 75, .9  
pp.104, 2009; DOI: 10.1055/s-2009-1216542
10. Development and In-vitro Evaluation of Mucoadhesive Buccal Tablets of Domperidone. .10  
.Research J. Pharm. and Tech. 1(4): Oct.-Dec. 2008
11. Proniosomal powder of Captopril-Formulation and Evaluation. Mol. Pharmaceutics, 2007, 4 (4), .11  
.pp 596-599
12. Anti-diabetic activity of Glibenclamide loaded Liposomes in alloxan induced diabetic rats. Ars .12  
.Pharm. 2007; 48 (1): 31-36
13. Design and development of Proniosomal drug delivery systems for Captopril. Trop J Pharm .13  
.Res. June 2007; 6 (2): 687-693
14. A Study and Antitumor Efficiency of Etoposide Encapsulated Niosomes. Indian Drugs 40(7) July .14  
.2003
15. Formulation and evaluation of tablets of Propranolol HCl using chitosan. The Eastern .15  
.Pharmacist, Vol.XLII, No-501, Sep-1999

المرجع: <https://www.unizwa.edu.om/staff/chs/manickam>