



## Dr. Manickam Balamurugan

Assistant Professor and Assistant Dean (UG Studies)  
School of Pharmacy.

كلية العلوم الصحية  
جامعة نزوى، سلطنة عمان

هاتف: (+968)25446200

محل: 518

البريد الإلكتروني: manickam@unizwa.edu.om

موقع المكتب: 03-33

يعمل في الجامعة: منذ 2014

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 -

مقالات:

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

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

Preparation and Characterization Benzathine Penicillin G Solid Dispersions Using Different .3  
.Hydrophilic Carriers. International Journal of Drug Delivery, Volume 5, Pages 420 - 429, 2013

Matrix type transdermal patches of captopril: Ex vivo permeation studies through excised rat .4  
.skin. Journal of pharmacy research 6 (2013) 774-779

Formulation, Characterization and In-vitro Evaluation of Abacavir Sulphate Loaded .5  
.Microspheres. Research J. Pharm. and Tech, 2013, 6(7):731-735

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

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

Protective and curative effects of polyphenolic extract from Ichnocarpus frutescens leaves on .8  
experimental hepatotoxicity by carbon tetra chloride and tamoxifen. Annals of Hepatology,  
.January-March, Vol 10 No.1, 2011:63-72

Anti-carcinoma Activity of Polyphenolic Extract of Ichnocarpus frutescens. Planta Medica 75, .9  
pp.104, 2009; DOI: 10.1055/s-2009-1216542

Development and In-vitro Evaluation of Mucoadhesive Buccal Tablets of Domperidone. .10  
.Research J. Pharm. and Tech. 1(4): Oct.-Dec. 2008

Proniosomal powder of Captopril-Formulation and Evaluation. Mol. Pharmaceutics, 2007, 4 (4), .11  
.pp 596-599

Anti-diabetic activity of Glibenclamide loaded Liposomes in alloxan induced diabetic rats. Ars .12  
.Pharm. 2007; 48 (1): 31-36

Design and development of Proniosomal drug delivery systems for Captopril. Trop J Pharm .13  
.Res. June 2007; 6 (2): 687-693

A Study and Antitumor Efficiency of Etoposide Encapsulated Niosomes. Indian Drugs 40(7) July .14  
.2003

Formulation and evaluation of tablets of Propranolol HCl using chitosan. The Eastern .15  
.Pharmacist, Vol.XLII, No-501, Sep-1999

.....

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