

LIST OF PUBLICATIONS

BOOKS:

1. Tandel Hemal, Yewale Chetan, Misra Ambikanandan, **Chapter 5: “Application of polymers in Transdermal drug delivery”** in book **“Application of polymers in drug delivery”** ISBN : 978-1-84735-851-6(hardback), 978-1-84735-852-3(softback), 978-1-84735-853-0(ebook)(Smithers Rapra Tech ltd.,Jan 2014)
Page no 175 to 210
2. Tandel Hemal, Florence Kiruba, Misra Ambikanandan, **Chapter 9: “Protein and peptide delivery through respiratory pathway”** in book **“Challenges in delivery of therapeutic genomics and proteomics”** ISBN No. : 978-0-12-384964-9, Elsevier publication, 2011, Page no 429 to 480
3. Tandel.Hemal, Priyanka, Jain Keerti, Shahiwala Aliasgar, Misra Ambikanandan, **Chapter 1: “In vitro and in vivo tools in emerging drug delivery scenario: challenges and updates”**, in book **“ In-Vitro and In-Vivo Tools in Drug Delivery Research for Optimum Clinical Outcomes”**, ISBN No:13:978-1-138-55560-0, CRC Press,Taylor and Francis Group publication, June 2018
Page no 1-24

JOURNAL ARTICLES:

1. Tandel Hemal, Raval Krupal, Nayani Anil, Upadhyay Manish,“Preparation and Evaluation of Cilnidipine Microemulsion”, Journal of Pharmacy and Bioallied sciences,4:114-115;2012,ISSN: 0976-4879 (Print) 0975-7406 (Electronic) 0975-7406 (Linking), March 2012
2. Makwana K, Tandel H, “Design and characterization of anionic PEGylated liposomal formulation loaded with paclitaxel for ovarian cancer”, Journal of Pharmacy and Bioallied sciences,4:17-18;2012, ISSN: Print -0976-4879, Online - 0975-7406, March 2012
3. Tandel HT: “Paclitaxel and carboplatin loaded pegylated liposomes for ovarian cancer” Molecular Cancer Research, ISSN: 1541-7786 (Print), 1557-3125 (Electronic), 2014 Nov, DOI: 10.1158/15573125.MODORGB41
4. Tandel Hemal, Patel Pratiksh, Jani Parva, “Preparation and study of efavirenz microemulsion drug delivery system for enhancement of bioavailability”, European Journal Of Pharmaceutical And Medical Research, 2(5), ISSN 2394-3211, 2015, Page no 1156-1174,
5. Gandhi Manit, Pandya Tosha, Gandhi Ravi, Patel Sagar, Mashru Rajashree, Misra Ambikanandan, Tandel Hemal, “Inhalable liposomal dry powder of gemcitabine-HCl: Formulation, in vitro characterization and in vivo studies”, International Journal of Pharmaceutics, ISSN: 0378-5173, 2015, Page no 886–895

6. Tandel Hemal, Vanza Jigar, Pandya Nilima, Jani Parva, "Guillain-Barré Syndrome (Gbs): A Review, In European Journal Of Pharmaceutical And Medical Research", ISSN 2394-3211, 2016, Page no 366-371.
7. Jain Hitesh, Patel Kalpit, Rajput Zeel, Jani Parva, Jani Hemal, "Zika Virus Infection: Threat To Human Life, European Journal Of Pharmaceutical And Medical Research, 3(6), ISSN 2394-3211, 2016,
8. Shah Dhaval, Chavda Vivek, Hemal Tandel, Domadiya Kaushik, "Nasal Medication Conveyance Framework: An Approach for Brain Delivery from Essential to Cutting Edge Research & Reviews", Journal of Medicine, ISSN: 2249-8648(online), ISSN: 2348-7917(print) Volume 6, Issue 1(2016), Page no14-27
9. Patel Pratiksh, Jani Parva, Vanza Jigar, Pandya Nilima, Tandel Hemal, "Oral Drug Delivery of Efavirenz By Solid Lipid Nanoparticles", European Journal of Biomedical and Pharmaceutical sciences, 3(6), ISSN 2349-8870, 2016, Page no 456-466.
10. Tandel Hemal, Shah Dhaval, Vanza Jigar, Jani Parva, Misra Ambikanadan, "Formulation Development and in-vitro/Ex-vivo Assessment of mucoadhesive microemulsion for nasal delivery of centrally acting drug modafinil" Indian journal of novel drug delivery, 8(2), Apr- Jun 2016, Page no 72-92.
11. Tandel Hemal, Shah Dhaval, Vanza Jigar, Misra Ambikanandan, "Lipid based formulation approach for BCS class-II drug: Modafinil in the treatment of ADHD", Journal of Drug Delivery Science and Technology, Impact factor: 0.620, 2017, Page no 166-18
12. Chavda Vivek. P, Shah Dhaval, Hemal, Soniwala Moinuddin, "*In Vitro In Vivo* Correlation (IVIVC): A Strategic Tool in Drug Product Development Research & Reviews", A Journal of Drug Formulation, Development and Production, ISSN: 2394-1944(online) Volume 3, Issue 3, 2016, Page no.31-54
13. Parmar Hitanshi Kulinsinh, Pandya Kartik Kirit, Pardasani Lalit Jitendrabhai, Panchal Vibhuti Sanjeev, Tandel Hemal Thakorbbhai, "A systematic review on mucoadhesive drug delivery System", World Journal of Pharmaceutical Research, ISSN 2277- 7105, Volume 6, Issue 9, Page no 337-366.
14. Patel Ankit Pandya, Nilima, Tandel Hemal, "Development and Optimization of Self-Microemulsifying Drug Delivery System for Bosentan Monohydrate by D-Optimal Mixture Design: In-Vitro and In-Vivo Evaluation", Inventi Rapid NDDS Vol. 2018, Issue 1,ISSN 0976-3791

15. Vanza Jigar, Jani Parva, Pandya Nilima, Tandel Hemal, “ Formulation and statistical optimization of intravenous temozolomide-loaded PEGylated liposomes to treat glioblastoma multiforme by three-level factorial design”, Drug Development and Industrial Pharmacy,ISSN: 0363-9045 (Print) 1520-5762, 2018 Jun;44(6), Page no 923-933.

16. Pandya Nilima, Jani Parva, Vanza Jigar, Tandel Hemal, “Solid lipid nanoparticles as an efficient drug delivery system of olmesartan medoxomil for the treatment of hypertension”, Colloids and Surfaces B: Biointerfaces, 165 (2018) February 2018, Page no 37–44.

Guide

Prof. Ambikanandan Misra

Faculty of Pharmacy,

The Maharaja Sayajirao University of Baroda