

Dr. K.KESAVAN

M. Pharm., Ph. D. (IIT-BHU)

Assistant Professor (Pharmaceutics)



EDUCATIONAL QUALIFICATIONS

Ph. D. from Department of Pharmaceutics, I.I.T. (B.H.U.), Varanasi. (2011)

M. Pharm. from Bharathidasan University, Tiruchirappalli, Tamil Nadu. (2007)

B. Pharm. from The Tamil Nadu Dr. M.G.R. Medical University, Chennai. (2004)

CONTACT INFORMATION

Office

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Residence

D-6, Type III, Staff Quarters

Guru Ghasidas Vishwavidyalaya

Koni, Bilaspur, C.G. – 495009

DATE OF JOINING

January 04, 2012

PAST EMPLOYMENT

Academic

- Worked as a lecturer in Sanjivani College of Pharmacy, Khetri, Rajasthan, India, from 30th April 2004 to 15th June 2005.
- Worked as Assistant Professor in Acharya & B.M. Reddy college of Pharmacy, Bangalore, India from 24th August 2011 to 31st December 2011.

Industry

- Worked as a trainee in R&D of ISP (Hong-Kong) Pvt. Ltd. Somajiguda, Hyderabad, Andhra Pradesh, India from June 2006 to March 2007.

RESEARCH EXPERIENCE

- Research experience of 4 years in the Department of Pharmaceutics, I.T.(B.H.U.), Varanasi, India from July 2007 – June 2011.
- Worked as a trainee in formulation R&D division, ISP (Hong Kong) Pvt Ltd., Somajiguda, Hyderabad, from June 2006 to March 2007.

RESEARCH INTERESTS

- Drug delivery to posterior segment of the eye
- Mucoadhesive drug delivery system
- Nanomedicines (Microemulsion, Nanoemulsion)
- Current interests are focused on sustained ocular drug delivery to combat diseases in eye through novel drug delivery systems.

AWARDS/HONORS

- Qualified GATE (Graduate Aptitude Test in Engineering (Pharmaceutical sciences), conducted by Indian Institute of Technology (IIT), (2004 and 2005).
- Senior Research Fellowship (SRF) in Ph.D., UGC, New Delhi.

MEMBERSHIPS/REGISTRATION

- Life Member of Indian Pharmaceutical Association (IPA)
- Registered Pharmacist (Tamil Nadu State Pharmacy Council)

PAPER PUBLICATION

- **Kesavan K**, Shri Kant, Singh PN, Pandit JK. (2012). Mucoadhesive chitosan coated cationic microemulsion of dexamethasone for ocular delivery: in vitro and in vivo evaluation. *Curr Eye Res.* Dec 07. (In press).
- Lanjhiyana SK, Bajpayee P, **Kesavan K**, Lanjhiyana S, Muthu MS. (2013). Chitosan-sodium alginate blended polyelectrolyte complexes as potential multiparticulate carrier system: colon-targeted delivery and gamma scintigraphic imaging. *Expert Opin Drug Deliv.* 10: 5-15.
- **Kesavan K**, Shri Kant, Singh PN, Pandit JK. (2011). Effect of Hydroxypropyl- β -cyclodextrin on the Ocular Bioavailability of Dexamethasone from a pH Induced Mucoadhesive Hydrogel. *Curr. Eye Res.* 36: 918-929.
- Rajeswari J, **Kesavan K**, Jayakar B. (2011). Phytochemical and pharmacological evaluation of prop roots of Pandanus fascicularis Lam. *Asian Pac J Trop Med.* 4(8):649-653. (Elsevier publication)

- Rajeswari J, **Kesavan K**, Jayakar B. (2012). Antidiabetic activity and chemical characterization of aqueous/ethanol prop roots extracts of *Pandanus fascicularis Lam* in streptozotocin-induced diabetic rats. *Asian Pac J Trop Biomed.* S170-S174. (Elsevier publication)
- **Kesavan K**, Nath G, Pandit JK. (2010). Sodium alginate based mucoadhesive system for gatifloxacin and its in vitro antibacterial activity. *Sci Pharm.* 78: 941-957.
- **Kesavan K**, Nath G, Pandit JK. (2010). Preparation and in vitro antibacterial evaluation of gatifloxacin mucoadhesive gellan system. *DARU.* 18(4): 237-246.
- **Kesavan K**, Balasubramaniam J, Shri Kant, Singh PN, Pandit JK. (2011). Newer approaches for optimal bioavailability of ocularly delivered drugs: review. *Curr. Drug deliv.* 8(2): 172-193.
- Rajeswari J, **Kesavan K**, Jayakar B. (2012). Antidiuretic activity of Aqueous and Ethanolic Extracts of Prop Roots of *Pandanus Fascicularis Lam*. *IJPSR.* 3(4): 1061-1064.
- **Kesavan K**, Rao UV, Bindu K, Rajinikanth PS, Wani M, Balasubramaniam J. (2008). Immediate release tablets of valsartan and efavirenz: role of concentration of superdisintegrants. *Ars Pharm.,* 49 (3): 229-243.
- V. Alagarsamy, S. Rajasekaran, M. Praveen, V. Ganesan, S. Satheeshkumar, **K. Kesavan**, M.R. Joymohan, A. Jameerabegam, D. Marikannan. (2003). Renal stone disease. *The Indian Pharmacist*, October: 15-16.

CONFERENCES ATTENDED

- 59th Indian Pharmaceutical Congress, 20th- 23rd December 2007, held at Varanasi, India.
- National level technical symposium on “Pharma Innovations” on 5-6th January, 2006 held at Bharathidasan institute of technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu.
- National level seminar on “Contract Research and Patent Rights” on 24th February, 2006 held at Bharathidasan institute of technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

(Dr. K. KESAVAN)