

**Leila Behbood**

Assistant professor of Pharmaceutics

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**Education:**

- Graduated from pharmacy college, Jondishapour University, Ahwaz, Iran (1992-1998)

*Thesis Title:* "Effect of oral aluminium Intake on insulin secretion in Rats"

*Supervisor:* Prof. S.Zahedi Asl

- Graduated from Martin Luther University Halle- Wittenberg, Germany in PhD degree (2006-2010).

*Dissertation Title:* "Development of new drug formulations (mixed micelles and microemulsions for problem drugs".

*Supervisor:* Prof R. Neubert

**Experience:**

- Visitor of pharmaceutical company of Abureihan, 1998

- Skilled in analysis and assay of drugs with CE, DLS, HPLC, and UV

- Expert to micro and nano micellar carriers formulation

**Publication:**

- Behbood L, Yahya Mrestani, , Albert Härtl, Reinhard H.H. Neubert (2010), " Microemulsion and mixed micelle for oral administration as new drug formulations for highly hydrophilic drugs", *European Journal of Pharmaceutics and Biopharmaceutics*, 74, 219-222.

- Behbood L, Rafiee E, Nobakht N, "Influence of pH, temperature, and alternating magnetic field on drug release from Keggin-type heteropoly acid encapsulated in iron-carboxylate nanoscale metal-organic framework". *Research on Chemical Intermediates*.1-19, 2016

- Behbood L. "Characterization of partitioning behavior of vitamins in micellar systems using affinity capillary electrophoresis". *Astrocyte*. 2015; 2(3):121.

- Behbood L, Moradipour PU, Moradi FA, Arkan EL. “Mucoadhesive Electrospun Nanofiber of chitosan/Gelatin Containing Vancomycin as a Delivery System”. *JRPS* .2017 nov29; 6(2): 150-160
- Behbood L, Mrestani YA, Warrass RA, Neubert RE. “Analytical and Physicochemical Characterization of Cefquinome Using Capillary Electrophoresis”. *JPRS*. 2017Jun 10; 6(2): 96-104
- Behbood L, Alimohammadi S, Hosseini M. “Prenatal Exposure to Zinc Oxide Nanoparticles Can Induce Depressive Like Behaviors in Mice Offspring”, *International Journal of Peptide Research and Therapeutics*,2018
- Behbood L, Arkan E , Hemati Azandaryani A, Moradipour P, “Biomacromolecular Based Fibers in Nanomedicine: A Combination of Drug Delivery and Tissue Engineering”, *Current Pharmaceutical Biotechnology*, 2017, 18
- Behbood L, Karimie S, Mirzaei E, Mohammadi Gh, Azami M, and Arkan E, “Mucoadhesive Chitosan Electrospun Nanofibers Containing Tetracycline and Triamcinolone as a Drug Delivery System”, *Fibers and Polymers* 2018, Vol.19, No.7, 1454-1462

**Presentation:**

- L. Behbood, “Opium and its medicinal derivatives”, School of Pharmacy, Jondishapour University, Ahwaz, Iran, 1996
- L. Behbood, “Drugs taking in the nursing mothers which suffer cancer”, Jondishapour University, Ahwaz, Iran, 1999
- L Behbood, “On poisoning of usual drugs in children”, , Jondishapour University, Ahwaz, Iran, 2000
- L. Behbood, Y. Mrestani, R. Neubert, “Determination of Cefquinome in Plasma and Urine using Capillary Electrophoresis”,4th Polish-German Symposium on The Pharmacy in the new Century, Halle, Germany, June 6, 2007.
- Behbood L., Mrestani Y. and Neubert R.H.H., "Characterization of Partitioning behavior of Vitamins in Mixed Micelles using affinity Capillary Electrophoresis", 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, Spain, 2008.
- Behbood L, Moradipour P, Goodarzi M. IBUprofen Loaded Gelatin-PCL Mucoadhesive Nanhofiber as GTR Membrane. 20th Iranian Pharmacy Students Seminar, IPSS2. 2017 APRil; 12-14
- Behbood L, Moradipour P, Karimi A. Binary Transdermal Gel Doped with 5-FU loaded Nanofibers. 20th Iranian Pharmacy Students Seminar, IPSS2. 2017 APRil
- Behbood L, Moradipour , Karimi A. Investigation of PH and Light – activated release of 5-FU loaded on modified TIO2 nanofibers. 15th Iranian association of pharmaceutical Scientists (IPSC 2017); 17-19 Oct.

**Member of the following domestic associations:**

- Pharmacy Society of IRAN

- medical Council of IRAN

**Employment:**

Assistant professor, Faculty of pharmacy, Kermanshah University of Medical Sciences

**Teaching Experience:**

- Pharmaceutical theoretical courses (I to V).
- Practical Pharmaceutics (I to V)
- Physicochemical control of pharmaceutical dosage forms
- Pharmacy training courses (II)

**Research interests**

- Development of oral absorption of drugs by optimizing the formulation
- Design of chromatography methods for analysis drugs in vitro and In vivo conditions.
- Design of new drug delivery systems using Micro and Nano micelles.
- Design of new drug delivery systems using mucoadhesive biomaterials