

Leila Barghi

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School of Pharmacy
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EDUCATION

Tabriz University of Medical Sciences, Tabriz, Iran (PhD in Pharmaceutics)

Tabriz University of Medical Sciences, Tabriz, Iran (Pharm. D)

EMPLOYMENT

Assistant Professor, Department of pharmaceutics, School of Pharmacy, Urmia University of Medical sciences, Urmia, Iran

Manager of Razi hospital pharmacy, Tabriz University of medical sciences, Tabriz, Iran

Head of sterile products manufacturing line, Zahravi pharmaceutical company, Tabriz, Iran

TEACHING EXPERIENCES

Theoretical pharmaceutics 2
Theoretical pharmaceutics 5 (Novel drug delivery systems)
Physical pharmacy 1and 2
Biopharmaceutics and pharmacokinetics
Practical pharmaceutics 3 and 5
Pharmaceutical industry internship 1and 2

PUBLICATIONS

Barghi, Leila, Afshin Vekalati, and Azin Jahangiri. "Stability-Enhanced Ternary Solid Dispersions of Glyburide: Effect of Preparation Method on Physicochemical Properties." *Advances in Pharmacological and Pharmaceutical Sciences* 2023; (2023): 1-9.

Barghi, Leila*. "Nanostructured drug delivery systems for targeted treatment of cancer." *Scientific Journal of Kurdistan University of Medical Sciences*: 2023; 111-121.

Jahangiri, Azin, Fakhronnesa Khalilzad, and **Leila Barghi***. "Dissolution improvement of binary solid dispersions of erlotinib prepared by one-step electrospray method." *Biology Methods and Protocols* (2022);1-5.

Barghi, Leila, and Faranak Ghaderi. "Evaluation of Ampicillin-Lactose Incompatibility Reactions at Solid-State Using Physicochemical Methods." *Journal of Research in Applied and Basic Medical*

Sciences (2022); 8 (2): 69-74.

Moradpour, Zahra, **Leila Barghi***. "Novel approaches for efficient delivery of tyrosine kinase inhibitors." *Journal of Pharmacy & Pharmaceutical Sciences*. (2019); (22): 37-48.

Barghi, Leila, A. Farajzadeh, and A. Jahangiri. "Preparation and evaluation of glibenclamide binary solid dispersions prepared by fusion and solvent-fusion method." *Bioint Res Appl Chem* (2019); 9 (6): 4612-6.

Jahangiri, Azin, and **Leila Barghi***. "Polymeric nanoparticles: Review of synthesis methods and applications in drug delivery." *Journal of advanced chemical and pharmaceutical materials (JACPM)* (2018); 1(2): 38-47.

Barghi, Leila, and Azin Jahangiri. "Fast-dissolving nanofibers: As an emerging platform in pediatric and geriatric drug delivery." *Journal of advanced chemical and pharmaceutical materials (JACPM)* (2018); 1(2): 26-28.

Leila Barghi, Davoud Asgari, Jaleh Barar, Hadi Valizadeh: *Synthesis of PCEC Copolymers with Controlled Molecular Weight Using Full Factorial Methodology*. *Advanced Pharmaceutical Bulletin* 2015; 5(1):51-6.

Leila Barghi, Davoud Asgari, Jaleh Barar, Aylar Nakhband, Hadi Valizadeh: *Synthesis, Characterization and in vitro Anti-Tumoral Evaluation of Erlotinib-PCEC Nanoparticles*. *Asian Pacific journal of cancer prevention: APJCP* 2014; 15(23):10281-7.

Mitra Jelvehgari, **Leila Barghi**, Farhad Barghi: *Preparation of Chlorpheniramine Maleate-loaded Alginate/Chitosan Particulate Systems by the Ionic Gelation Method for Taste Masking*. *Jundishapur Journal of Natural Pharmaceutical Products* 2014; 9(1):39-48.

Leila Barghi, Ayuob Aghanejad, Hadi Valizadeh, Jaleh Barar, Davoud Asgari: *Modified Synthesis of Erlotinib Hydrochloride*. *Advanced Pharmaceutical Bulletin* 2012; 2(1):119-122.

Maryam Maghsoodi, **Leila Barghi**: *Polymer Percolation Threshold in Multi-Component HPMC Matrices Tablets*. *Advanced Pharmaceutical Bulletin* 2011; 1(1):27-33.

Maghsoodi Maryam, **Barghi Leila**: *Design of Agglomerated Crystals of Ibuprofen During Crystallization: Influence of Surfactant*. *Iranian Journal of Basic Medical Sciences* 2011; 14(1).

Hadi Valizadeh, **Leila Barghi**, Hadi Jalilian, Ziba Islambulchilar, Parvin Zakeri- Milani: *Bioequivalence of fexofenadine tablet formulations assessed in healthy Iranian volunteers*. *Drug research*, 2009; 59(7):345-9.

Maryam Maghsoodi, Ali Nokhodchi, **Leila Barghi**: *Effect of Formulation Variables on Phenobarbital Release from HPMC Matrices*. *Iranian Journal of Pharmaceutical Sciences* 2008; 4(3): 181-188.

CONFERENCES

International conferences:

Barghi.L, Asgari. D, Valizadeh. H, Aghanejad. A, Barar. J. An improved Synthesis of Erlotinib, a Tyrosine Kinase Inhibitor, 1st International Pharmacy Graduation Projects Symposium, Nicosia, Turkish Republic of Northern Cyprus, June 2012.

Iranian conferences:

Afshin vekalati, Leila Barghi, Azin Jahangiri, Dissolution rate enhancement and flow properties improvement of Glyburide using ternary solid dispersion, 22nd Iranian pharmacy student seminar, zanzan 2019.

Leila Barghi, Hadi Valizadeh, Davoud Asgari, Jaleh Barar, Aylar Nakhband, Synthesis, characterization and in vitro anti-tumoral evaluation of Erlotinib loaded polymeric nanoparticles, Asian Nano Forum Conference, kish Island, march 2015.

Barghi.L, Asgari. D, Valizadeh. H, Barar. J. Application of factorial design in preparation of PCEC copolymers, 13th Iranian Pharmaceutical Sciences Congress, Isfahan, 2012.

Valizadeh.H, Barghi.L, Zakeri-Milani.P, Sadeghi.R, Pourmahmood.M., Application of Artificial Intelligent Tools in Formulation of Cefixim Tablets, 12th Iranian Pharmaceutical Sciences Congress (IPSC 2010), Zanzan, August 2010.

Maghsoodi.M, Barghi.L, Spherical Crystallization of Ibuprofen, 12th Iranian Pharmaceutical Sciences Congress (IPSC 2010), Zanzan, August 2010.

RESEARCH INTERESTS

Drug Delivery

Pharmaceutical nanotechnology