

Curriculum vitae

Last name: Alami-Milani

First name: Mitra

Citizenship: Iranian

Email address: alamipharma@gmail.com

Education:

Pharm. D. Graduated from Mazandaran University of Medical Sciences in June 29th, 2009

Thesis title: Zinc and Copper Levels in Iranian Patients with Psoriasis

PhD. Graduated from Tabriz University of Medical Sciences in June 13th, 2019.

Thesis title: preparation and evaluation of micelles using thermosensitive polymers for ocular drug delivery of dexamethasone

Awarded the title of the country's outstanding student in September 2020.

Publications:

١. Alami-Milani M, Zakeri-Milani P, Valizadeh H, Salehi R, Jelvehgari M. Preparation and evaluation of PCL-PEG-PCL micelles as potential nanocarriers for ocular delivery of dexamethasone. Iranian journal of basic medical sciences. 2018;21(2):153

٢. Salatin S, Alami-Milani M, Daneshgar R, Jelvehgari M. Box–Behnken experimental design for preparation and optimization of the intranasal gels of selegiline hydrochloride. Drug development and industrial pharmacy. 2018;44(10):1613-21

٣. Alami-Milani M, Zakeri-Milani P, Valizadeh H, Salehi R, Salatin S, Naderinia A, et al. Novel pentablock copolymers as thermosensitive self-assembling micelles for ocular drug delivery. Advanced pharmaceutical bulletin. 2017;7(1):11

٤. Shirizadeh B, Maghsoodi M, Alami-Milani M, Salatin S, Jelvehgari M. Tailored Hydrogel Microbeads of Sodium Carboxymethylcellulose as a Carrier to Deliver Mefenamic Acid: Transmucosal Administration. Jundishapur Journal of Natural Pharmaceutical Products. ٢٠١٧;١٢(٤)

٥. Maryam Maghsoodi, Mahdieh Rahmani, Hamed Ghavimi, Seyed Hassan Montazam, Saieede Soltani, Mitra Alami, Sara Salatin, Mitra Jelvehgari. Fast Dissolving Sublingual Films Containing Sumatriptan Alone and Combined with Methoclopramide: Evaluation in Vitro Drug Release and Mucosal Permeation. PHARM. 2016;22(3)

٦. Sara Salatin, Jaleh Barar, Mohammad Barzegar-Jalali, Khosro Adibkia, Mitra Alami Milani, Mitra Jelvehgari. Hydrogel nanoparticles and nanocomposites for nasal drug/vaccine delivery. Archives of pharmacal research. 2016;39(9):1181-92

٧. Shahram Ala, Mohammad Shokrzadeh, Masoud Golpour, Ebrahim Salehifar, Mitra Alami, Amirhossein Ahmadi. Zinc and copper levels in Iranian patients with psoriasis: a case control study. Biological trace element research. 2013;153(1-3):22-7

٨. M Fathi, M Alami-Milani, MH Geranmayeh, J Barar, H Erfan-Niya, Y Omid. Dual thermo- and pH-sensitive injectable hydrogels of chitosan/(poly (N-isopropylacrylamide-co-itaconic acid)) for doxorubicin delivery in breast cancer. *International journal of biological macromolecules*. 2019;128: 957-964
٩. M Alami-Milani, P Zakeri-Milani, H Valizadeh, S Sattari, S Salatin, M. Jelvehgari. Evaluation of anti-inflammatory impact of dexamethasone-loaded PCL-PEG-PCL micelles on endotoxin-induced uveitis in rabbits. *Pharmaceutical development and technology*. 2019; 24 (6), 680-688
١٠. F Lotfipour, M Alami-Milani, S Salatin, A Hadavi, M Jelvehgari. Freeze-thaw-induced cross-linked PVA/chitosan for oxytetracycline-loaded wound dressing: The experimental design and optimization. *Research in Pharmaceutical Sciences*. 2019;14 (2), 175
١١. M Fathi, M Alami-Milani, S Salatin, S Sattari, H Montazam, F Fekrat, M Jelvehgari. Fast Dissolving Sublingual Strips: A Novel Approach for the Delivery of Isosorbide Dinitrate. *Pharmaceutical Sciences*. 2019;25 (4), 311-318
١٢. SH Montazam, S Salatin, M Alami-Milani, A Naderi, M Jelvehgari. Expert design and desirability function approach for the development of diazepam thermally sensitive rectal gel. *Therapeutic Delivery*. 2020;11 (1), 813-830
١٣. S Salatin, M Alami-Milani, M Jelvehgari. Expert design and optimization of a novel buccoadhesive blend film impregnated with metformin nanoparticles. *Therapeutic Delivery*. ٢٠٢٠;١١ (٩), ٥٧٣-٥٩٠
١٤. M Alami-Milani, P Zakeri-Milani, H Valizadeh, M Fathi, S Salatin, R Salehi, M Jelvehgari. PLA-PCL-PEG-PCL-PLA based micelles for improving the ocular permeability of dexamethasone: development, characterization, and in vitro evaluation. *Pharmaceutical Development and Technology*. 2020; 25 (6), 704-719
١٥. S Salatin, J Barar, M Barzegar-Jalali, K Adibkia, M Alami-Milani, M Jelvehgari. Formulation and evaluation of eudragit RL-100 nanoparticles loaded in-situ forming gel for intranasal delivery of rivastigmine. *Advanced Pharmaceutical Bulletin*. 2020;10 (1), 20
١٦. Mitra Alami-Milani, Sara Salatin, Farzaneh Sharifi Rayeni, Mitra Jelvehgari. Preparation and in vitro evaluation of thermosensitive and mucoadhesive hydrogels for intranasal delivery of phenobarbital sodium. *Therapeutic Delivery*. 2021; 12 (6), 461-475
١٧. Mitra Alami-Milani, Sara Salatin, Elaheh Nasiri, Mitra Jelvehgari. Preparation and optimization of fast disintegrating tablets of isosorbide dinitrate using lyophilization method for oral drug delivery. *Therapeutic Delivery*. 2021 ; 12 (7), 523-538

Research projects:

١. Effect of concentration and incubation time on the cellular uptake efficiency of PCL-PEG-PCL based micelles

٢. Evaluation of the effect of concentration and incubation time on the cellular uptake of positively charged rivastigmine nanoparticles

٣. Formulation and evaluation of physicochemical properties of an adhesive mucosa film containing nanoparticles loaded with metformin and investigation of its permeability to oral mucosal tissue

٤. Preparation and evaluation of micelles using thermosensitive polymers for ocular drug delivery of dexamethasone

Presentations:

Paper presentations:

١- Alami-Milani M, Zakeri-Milani P, Valizadeh H, Jelvehgari M, Preparation of DEX-loaded PCL-PEG-PCL micelles and evaluation of their anti-inflammatory effects in rabbits, VII international scientific conference of young scientists and students, December 2020, Kazakhstan

٢- Alami-Milani M, Zakeri-Milani P, Valizadeh H, Jelvehgari M, Navel PLA-PCL-PEG-PCL-PLA based polymeric micelles for sustained ocular delivery of dexamethasone, 1st national nanotechnology in health sciences congress, May 2018, Hamadan, Iran

٣- Alami-Milani M, Zakeri-Milani P, Valizadeh H, Jelvehgari M, Preparation and evaluation of PCL-PEG-PCL micelles as a sustained release formulation for ocular delivery of dexamethasone, ٢nd Iranian Nanomedicine congress, September ٢٠١٦, Zanzan, Iran

٤- Alami-Milani M, Zakeri-Milani P, Valizadeh H, Jelvehgari M, Preparation and evaluation of dexamethasone-loaded polymeric micelles as drug delivery systems using thermosensitive copolymers, 14th Iranian pharmaceutical sciences congress, Desember 2015, Tehran, Iran

٥- Alami-Milani M, Ala S, Shokrzadeh M, Golpour M, Salehifar E, Zinc and copper levels in Iranian patients with psoriasis, 15th seminar of Iranian pharmacy students, October 2010, Kerman, Iran

Peer reviewer

A peer reviewer for Pharmaceutical Development and Technology and Pharmaceutical Sciences journals.

Scientific research committee member

A scientific research committee member in 1st technology, entrepreneurship, and research festival which was hold in December 19th 2016

Languages

Turkish (native)
English
Persian

Teaching experience

Assistant in practical pharmaceutics teaching (2013-2019)

Computer skills

Microsoft Word, Powerpoint, and Excel, SPSS, Corel Draw, Reaxys, Graphpad Prism

Work experience

Particle engineering (micro/nano), polymer synthesis, pharmaceutical nanotechnology, cell culture, cellular uptake and animal studies and I am familiar with HPLC, GPC, NMR, DSC, FTIR, XRD and flucytometry techniques.