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Files

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Education

- ❖ Sub specialty/Fellowship (Field of Study, Name of University, Year Graduated)

Thesis (Topic, Supervisor, Advisor)

- ❖ **Specialty/PhD** (Field of Study, Name of University, Year Graduated)

- Nanopharmaceutics, Tehran University of Medical Sciences, Tehran, Iran. (2017)

Thesis (Topic, Supervisor, Advisor)

- Preparation and Characterization of miR-23a loaded PLGA-PEI nanoparticles and





its effect on inhibition of apoptosis of retinal cells in oxidative condition.

- **Supervisors:** Dr. Farid Abedin Dorkoosh, Dr. Fatemeh Atyabi, Dr. Masoud Soleimani

- **Advisors:** Dr. Zahra-Soheila Soheili, Dr. Hamid Akbari Javar.

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❖ **Master of Science (Field of Study, Name of University, Year Graduated)**

- Pharmacy Doctorate (Pharm. D.), Faculty of Pharmacy, Azad University of Pharmaceutical Sciences, Tehran, Iran. (2008).

Thesis (Topic, Supervisor, Advisor)

- Screening of bacteria with chitinolytic activity and optimization of production conditions of chitinase; (2008)

- **Supervisors:** Dr. Mohammad Ali Faramarzi, Dr. Mojtaba Tabatabaei yazdi.

❖ **Bachelor of science (Field of Study, Name of University, Year Graduated)**

❖ **Related degree (Field of Study, Name of University, Year Graduated)**

Honors, Awards, and Scholarships (if available)

Experiences



**1. Scientific position**

Assistant professor

2. Clinical Experiences**3. Teaching Experiences**

Physical Pharmacy I	3 Terms
Physical Pharmacy II	1 Term
Pharmaceutics I	2 Terms
Pharmaceutics II	2 Terms
Pharmaceutics III	2 Terms
Pharmaceutics IV	1 Term

Grants**Supervisor****Advisor**



Publication

Book

Articles

1. Articles (In English)

1. S. Torabi, M. Tamaddon, M. Asadolahi, G. Shokri, R. Tavakoli, N. Tasharrofi, R. Rezaei, V. Tavakolpour, H. Sazegar, F. Kouhkan. MiR-455-5p downregulation promotes inflammation pathways in the relapse phase of relapsing-remitting multiple sclerosis disease. *Immunogenetics*. 2018.
2. S. Hosseinzadeh, H. Nazari, N. Sadegzadeh, A. Babaie, M. Kabiri, N. Tasharrofi, M. Soufi Zomorrod, M. Soleimani. Polyethylenimine: A new differentiation factor to endothelial/cardiac tissue. *Journal of cellular biochemistry*. 2018.
3. S. Ahmadyan, M. Kabiri, N. Tasharrofi, S. Hosseinzadeh, M. Kehtari, A. Hajari, M. Soleimani, A. Farazmand, H. Hanaee-Ahvaz. The osmolyte type affects cartilage associated pathologic marker expression during in vitro mesenchymal stem cell chondrogenesis under hypertonic conditions. *Cellular and molecular biology (Noisy-le-Grand, France)*. 2018
4. M. Soufi Zomorrod, F. Kouhkan, M. Soleimani, A. Aliyan, N. Tasharrofi. Overexpression of miR-133 decrease primary endothelial cells proliferation and migration via FGFR1 targeting, *Experimental cell research*. 2018.
5. H. Javadi Pirooz, N. Jafari, M. Rastegari, M. Fathi-Roudsari, N. Tasharrofi, G.





- Shokri, H. Sazgar, F. Kouhkan. Functional SNP in microRNA-491-5p Binding Site of MMP9 3'-UTR Affects Cancer Susceptibility. *Journal of cellular biochemistry*. 2017.
6. N. Tasharrofi, F.Kouhkan, M. Soleimani, Z.S. Soheili, M. Kabiri, M. Mahmoudi Saber, F. Abedin Dorkoosh. Survival Improvement in Human Retinal Pigment Epithelial cells via Fas Receptor Targeting by miR-374a, *Journal of cellular biochemistry*. 2017.
 7. N. Tasharrofi, F.Kouhkan, M. Soleimani, Z.S. Soheili, F. Atyabi, H. Akbari Javar, F. Abedin Dorkoosh. Efficient gene delivery to primary human retinal pigment epithelial cells: the innate and acquired properties of vectors, *International journal of pharmaceutics*. 2017; 518: 66-79.
 8. N. Mobarra , A. Shafiee, SM. Rad , N. Tasharrofi , M. Soufi-Zomorod , M. Hafizi , M. Movahed , F. Kouhkan , M. Soleimani; Overexpression of microRNA-16 declines cellular growth, proliferation and induces apoptosis in human breast cancer cells. *In Vitro Cell Dev Biol Anim*. 2015; 51(6):604-11
 9. N. Tasharrofi, S. Adrangi, M. Fazeli, H. Rastegar, M. R. Khoshayand and M. A. Faramarzi;, Optimization of Chitinase Production by *Bacillus pumilus* Using Plackett-Burman Design and Response Surface Methodology. *Iranian Journal of Pharmaceutical Research*. 2011; 10 (4): 759-768.
 10. M.A. Faramarzi, M. Fazeli, M. Tabatabaei Yazdi, S. Adrangi, K. Jami Al Ahmadi, N. Tahasrrofi and F. Aziz Mohseni; Optimization of cultural conditions for production of chitinase by a soil isolate of *Massilia timonae*.





Biotechnology. 2009; 8(1): 93-99.

2.Articles (In Persian)

Abstract

1.International

1. N.Tasharrofi, F. Abedin Dorkoosh. Modulating oxidant-induced apoptosis in Human RPE cells by lentiviral mediated Mir-27a expressing plasmid delivery; 13th Horizon in molecular biology, Göttingen, Germany 2016.

2.National

1. -N. Tasharrofi, F. kouhkan. Investigation of miRNA profile in patients with AML and ALL blood cancers in order to identification of diagnostic biomarkers; international congress on: blood, disease and clinical administration, Yasuj, Iran 2015.
2. -N.Tasharrofi, F.Abedin Dorkoosh. Development of cationic PLGA-PEI nanoparticles as gene delivery carrier: optimizing the formulation and processing parameters to improve physicochemical characteristics of nanoparticles; Iranian Controlled Release Conference 2014
3. -F. Yousefbeyk, Gh. R. Amin, M. H. Salehi Sormaghi, M. Khorasani, S. Mohammadi, N. Tasharrofi. Chemical composition of the essential oil from leaf, root and fruit of *Diplotaenia damavandica*, an endemic species of Iran; 59th international congress and annual meeting of society for medicinal plant and natural product research.
4. -F. Yousefbeyk, N. Tasharrofi, Gh. R. Amin. A study on the antibacterial activity of *Adiantum capillus-veneris* L. methanolic extract on some common bacteria; 15th Iranian Seminar of Pharmacy students, Kerman,





Iran.

5. -N. Tasharrofi, M. R. Khoshayand, M. A. Faramarzi, M. Fazeli. Statistical experimental design in optimization of medium component for production of chitinase by *Bacillus pumilus*; 14th Iranian Seminar of Pharmacy students, Ahwaz, Iran.
6. -M. Fazeli, N. tasharrofi, MA. Faramarzi, M.tabatabaei; Screening of chitinase producing bacteria; 13th Iranian Seminar of Pharmacy students, Tabriz, Iran.
7. -N. Bahari javan, N.Tasharrofi, A. R. Dabirsiaghi. An introduction to Cefdinir: A third generation of cephalosporin. 11th Iranian Seminar of Pharmacy students, Shiraz, Iran

Reviewer of national and international scientific journal

Editorial Board of Medical Journals

workshop

Interest

- Gene delivery





- Nano drug delivery

Language Proficiency

Speaking

Reading

Writing

Listening

Language:

- English

Degree of Proficiency

Good

Excellent

Excellent

Good

