***Curriculum Vitae***

1. **Personal Information**

Name Fatemeh

Surname Gheybi

Marital status Married

1. **Addresses**

Residential Mashhad-Iran

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1. **Education**

* *Ph.D. in Nanomedicine*, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran. (Average Grade: 19.1 /20), 2009**-**2016.

Thesis Title: Preparation of pH sensitive nanoliposomal Silibinin targeted with TAT peptides and evaluation of their anti tumor effects in tumor-bearing BALB/C mice (Score: 19.75/20)

Ph.D. supervisors: Seyed Mahdi Rezayat, Pharm. D., Ph.D.; Mahmoud Reza Jaafari, Pharm. D., Ph.D.

* *M.S. in Nutrition*, School of Nutrition, Tehran University of Medical Sciences, Tehran, Iran. (Average Grade: 17.33/20).

Thesis Title: Iron deficiency anemia in pregnant women in Eslamshahr. (Score: 19.2/20).

M.S. in nutrition supervisors: Fereydoon Siasi, Ph.D.; Mahmoud Jalali, Ph.D.

* *M.S. in Biology/Biochemistry*, Payam Noor University of Mashhad, Mashhad, Iran (Total grade: 18.50 /20).

Thesis Title: TAP2 polymorphisms in Iranian patients with type I diabetes mellitus. (Score: 19.8/20)

Biology/Biochemistry **supervisors:** Jalil Tavakol Afshar, Ph.D., Houshang rafat panah, Ph.D., Majid Slaehi Moghadam, Ph.D.

* *B.S. in Nutrition,* Isfahan University Of Medical Science, Isfahan, Iran. Total grade: 17/20).
* *Diploma in Experimental Sciences*, Kashmar, Iran (Total grade: 17.12/20).

1. Patents
2. 2015   Mahmoud Reza Jaafari, Seyed Mahdi Rezayat, Fatemeh Gheybi, LONG CIRCULATING LIPOSOMES CONTAINING SILYBIN AND SILYMARIN AND USE THEREOF IN CANCER TREATMENT, Provisional Patent Application Number in USPTO: US20160228365.
3. 2015   Mahmoud Reza Jaafari, Seyed Mahdi Rezayat, Fatemeh Gheybi, POLY ETHYLENE GLYCOL-PHOSPHOLIPID CONJUGATED MOLECULES WITH CYTOTOXIC EFFECTS, SYNTHESIZING THE SAME AND USE THEREOF IN CANCER TREATMENT, Provisional Patent Application Number in USPTO: US20170172921.
4. Published Papers:

1. **Therapeutic Efficacy of Cisplatin Thermosensitive Liposomes upon Mild Hyperthermia in C26 Tumor Bearing BALB/c Mice.** [**Alavizadeh SH**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Alavizadeh%20SH%5BAuthor%5D&cauthor=true&cauthor_uid=28135098)**,**[**Gheybi F**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Gheybi%20F%5BAuthor%5D&cauthor=true&cauthor_uid=28135098)**,**[**Nikpoor AR**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Nikpoor%20AR%5BAuthor%5D&cauthor=true&cauthor_uid=28135098)**,**[**Badiee A**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Badiee%20A%5BAuthor%5D&cauthor=true&cauthor_uid=28135098)**,**[**Golmohammadzadeh S**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Golmohammadzadeh%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28135098) **,**[**Jaafari MR**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Jaafari%20MR%5BAuthor%5D&cauthor=true&cauthor_uid=28135098)**.**

[**Mol Pharm.**](https://www.ncbi.nlm.nih.gov/pubmed/28135098)**2017 Mar 6;14(3):712-721.**

1. **Improved drug delivery and therapeutic efficacy of Pegylated liposomal doxorubicin by targeting anti-HER2 peptide in murine breast tumor model.**

[**Zahmatkeshan M**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Zahmatkeshan%20M%5BAuthor%5D&cauthor=true&cauthor_uid=26972276)**.,**[**Gheybi F**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Gheybi%20F%5BAuthor%5D&cauthor=true&cauthor_uid=26972276)**., [Rezayat SM](http://www.ncbi.nlm.nih.gov/pubmed/?term=Rezayat%20SM%5BAuthor%5D&cauthor=true&cauthor_uid=26972276)., [Jaafari MR](http://www.ncbi.nlm.nih.gov/pubmed/?term=Jaafari%20MR%5BAuthor%5D&cauthor=true&cauthor_uid=26972276).,** [**Eur J Pharm Sci.**](http://www.ncbi.nlm.nih.gov/pubmed/26972276)**2016 Apr 30;86:125-35.**

1. **Targeting, bio distributive and tumor growth inhibiting characterization of anti-HER2 affibody coupling to liposomal doxorubicin using BALB/c mice bearing TUBO tumors.**

[**Akhtari J**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Akhtari%20J%5BAuthor%5D&cauthor=true&cauthor_uid=27039149)**, [Rezayat SM](http://www.ncbi.nlm.nih.gov/pubmed/?term=Rezayat%20SM%5BAuthor%5D&cauthor=true&cauthor_uid=27039149)., [Teymouri M](http://www.ncbi.nlm.nih.gov/pubmed/?term=Teymouri%20M%5BAuthor%5D&cauthor=true&cauthor_uid=27039149)., [Alavizadeh SH](http://www.ncbi.nlm.nih.gov/pubmed/?term=Alavizadeh%20SH%5BAuthor%5D&cauthor=true&cauthor_uid=27039149).,**[**Gheybi F**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Gheybi%20F%5BAuthor%5D&cauthor=true&cauthor_uid=27039149)**., [Badiee A](http://www.ncbi.nlm.nih.gov/pubmed/?term=Badiee%20A%5BAuthor%5D&cauthor=true&cauthor_uid=27039149)., [Jaafari MR](http://www.ncbi.nlm.nih.gov/pubmed/?term=Jaafari%20MR%5BAuthor%5D&cauthor=true&cauthor_uid=27039149).,** [**Int J Pharm.**](http://www.ncbi.nlm.nih.gov/pubmed/27039149)**2016 May 30;505(1-2):89-95.**

1. **One-Pot and Controllable Synthesis of Carboxylic Group Functionalized Hollow Mesoporous Silica Nanospheres for Efficient Cisplatin Delivery.**

[**Jomeh Farsangi**](http://pubs.rsc.org/en/results?searchtext=Author%3AZ.%20Jomeh%20Farsangi) **Z.,** [**Beitollahi**](http://pubs.rsc.org/en/results?searchtext=Author%3AA.%20Beitollahi) **A.,** [**Hatton**](http://pubs.rsc.org/en/results?searchtext=Author%3AB.%20D.%20Hatton) **B. D.,**[**Sarkar**](http://pubs.rsc.org/en/results?searchtext=Author%3AS.%20Sarkar) **S.,** [**Jaafari**](http://pubs.rsc.org/en/results?searchtext=Author%3AM.%20R.%20Jaafari) **MR.,** [**Rezayat**](http://pubs.rsc.org/en/results?searchtext=Author%3AM.%20Rezayat) **M.,** [**Amani**](http://pubs.rsc.org/en/results?searchtext=Author%3AA.%20Amani)**A.,**[**Gheybi**](http://pubs.rsc.org/en/results?searchtext=Author%3AF.%20Gheybi) **F., RSC Adv., 2016,6, 67592-67598.**

1. **TAP2 polymorphisms in Iranian patients with type I diabetes mellitus. International Journal of Genetics and Molecular Biology. Tavakkol Afshari J., Taghavi S.M., Fatemi S.S., Rafatpanah H., Gheybi F., Nezamdoost N., 2011 Sept , 3(8): 115-119.**
2. **Iron deficiency anemia in pregnant women in Eslamshahr.**

[**Jalali M.,**](http://www.emro.who.int/Library/Databases/wxis.exe/Library/Databases/iah/?IsisScript=iah/iah.xic&base=imemr&form=A&user=guest&lang=i&nextAction=search&indexSearch=%5eiCR%5exCR%20%5eyINVERTED%5euCR_&exprSearch=Jalali,%20M.)**Siassi F., [Ghiasvand R.,  Jarollahi N.,](http://http/www.emro.who.int/Library/Databases/wxis.exe/Library/Databases/iah/?IsisScript=iah/iah.xic&base=imemr&form=A&user=guest&lang=i&nextAction=search&indexSearch=%5eiCR%5exCR%20%5eyINVERTED%5euCR_&exprSearch=Ghiasvand,%20R.) Gheybi F., Fatehi, F., Mostafavi E.,** [**Journal of Kerman University of Medical Sciences**](http://www.emro.who.int/Library/Databases/wxis.exe/Library/Databases/iah/?IsisScript=iah/iah.xic&base=imemr&form=A&user=guest&lang=i&nextAction=search&indexSearch=%5eiJD%5exJD%20%5eyINVERTED%5euJD_&exprSearch=257)**, 2005; 12 (4): 271-277.**

1. **The Effects of Hydro- alcoholic Extract of Launaea Acanthodes on the Blood, Urine Albumin and Bilirubin Levels in Male Hyperglycemic Wistar Rat. Hajinejad boshroue R., Behnam rassouli M.,  Tehranipour M., Gheybi F.,** [**Hajinejad**](http://en.journals.sid.ir/SearchPaper.aspx?writer=296925)  **Sh., Elahi moghaddam Z., Iranian Journal of Endocrinology and Metabolism,**   [**2013 Jul , 15(2):**](http://en.journals.sid.ir/JournalListPaper.aspx?ID=150683)**90- 196.**
2. **Assessment of milk delivery and distribution in mashhad shool milk program 1381. Khodae G. H., Abasalti Z., Gheybi F., Raze Behzistan, 1382, 26 : 3**
3. **Assessment of milk consumption in students in mashhad shool milk project 1381, Khodae G. H., Abasalti Z., Gheybi F., Raze Behzistan, 1382, 26:2.**
4. **Assessment of multivitamin consumption in infants. Khodae G.H., Abasalti Z., Gheybi F., Raze Behzistan, 1382, 24:1.**
5. Under submission Papers:

* **Preparation of pH sensitive nanoliposomal Silibinin targeted with TAT peptides and evaluation of their anti tumor effects in tumor-bearing BALB/C mice.**

**Gheybi F., Rezayat SM., Hatami M.,Badie A., Akhtari J., Jaafari M.R.**

* **Synergistic effects of combined silymarin and doxorubicin liposomes on 4T1 breast cancer cells**

**Gheybi F., Rezayat SM., Bayati M.,, Zendedel M., Korani M., Jaafari M.R.**

* **Long circulating liposomes containing silybin and silymarin for the treatment of cancer.**

**Gheybi F., Rezayat SM., Jaafari M.R.**

1. Presentations

**Chemotherapeutic activity of ellagic acid combined with doxorubicin nanoliposomes in 4T1 breast cancer cells and NIH3T3 normal breast fibroblast cells.**

**Fatemeh Gheybi, Helaleh Kaboli Farshchi, Mahmoud Reza Jaafari**

 The 1st International Nastaran Cancer Symposium ,2015 (Oral presentation)

**Radiopharmaceutical liposomes in tumor imaging and cancer treatment.**

**Fatemeh Gheybi, Mahmoud Reza Jaafari**

The first national conference on applications of nanotechnology in diagnosis and treatment of disease, Sari, 2013 (Poster Presentation).

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1. Awards and Honors

* **Ranked First, among all Ph.D students in the Board exam. 2011**
* **Ranked 2nd, in the Ph.D Entrance Examination held by Ministry of Health and Medical Education. 2009**
* **Ranked 2nd, in the M.Sc Entrance Examination held by Ministry of Science, Research and Technology 2007**

1. Other educational documents:

* Attendance certificate in ” scanning tunneling microscopy” from the first national conference on applications of nanotechnology in diagnosis and treatment of disease, Sari, 2013.
* Attendance certificate in ”Nano and Bio” from  pasteur Institute of Iran, Tehran, 2009.
* Attendance certificate in ”Flow Cytometry and Immunocytochemistry” from Stem Cell Research Center, Tehran.
* Attendance certificate in “Bioinformatics and Primer Design” from SABZ Biomedical company, Tehran, 2010.
* Attendance certificate in “SDS-PAGE & Western Blotting” from SABZ Biomedical company, Tehran, 2010.
* Attendance certificate in “Gene Transfer to Mammalian Cells” from SABZ Biomedical company, Tehran, 2010.
* Attendance certificate in “Differentiation of mesenchymal stem cells”from Stem Cell Research Center, Tehran, 2010.
* Attendance certificate in “Assessment of transformed cells” from Stem Cell Research Center, Tehran, 2010.
* Attendance certificate in “Tissue Engineering and Scaffold Fabrication” from Stem Cell Research Center, Tehran, 2010.
* Attendance certificate in “Scientific Writing” from SABZ Biomedical company, Tehran, 2010.
* Attendance certificate in “Laboratory Animals” from Stem Cell Research Center, Tehran, 2010

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1. Research experience

* Preparation of liposomes with different methods
* Physical and chemical characterization of liposomes including determination of percentage captured, release pattern, particle size and zeta potential analysis, Bartlett phosphate assay
* Liposome-cell interaction studies
* Measuring of drug antitumor activity & survival analysis in animal studies.
* Invivo Biodistribution studies
* Cell culture
* MTT & MTS cytotoxicity assay
* Bioconjugation
* SDS-PAGE
* Column chromatography (Size exclusion, Silca gel)
* Thin Layer chromatography
* HPLC
* Medical diagnosis laboratory techniques
* Electrophoresis
* DNA extraction
* PCR
* Immunocytochemistry
* …

1. Additional skills

SPSS (Statistical Package for the Social Sciences)

Flow Jo

Computer skills (Microsoft office including Word, PowerPoint and Excel)

Calcucyn

Graphpad Prism

Reference manager & Endnote

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1. Interests and hobbies

Swimming, Painting, Persian literature and poetry

1. Referees

* **Prof. Mahmoud Reza Jaafari**

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* **Prof. Seyed Mahdi. Rezayat**

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