



Kamyar Mollazadeh Moghaddam
curriculum vitae

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Personal

Sex: Male

Date of birth: 21. September. 1986

Place of birth: Rasht, Iran

Nationality: Iranian

Citizenship: Iranian

Passport Number: I25878053

Domicile: Tehran, Iran

Language skill: Gilaki, Persian, English

Academic Rank: Pharmacy Doctor

h.index: 9

Contact information

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E-mail address 2: k-mollazadeh@alumnus.tums.ac.ir

Education

Pharmacy Doctor

2004 to 2011

Pharmacy School

Tehran University of Medical Sciences

Tehran, Iran

#GPA: 14.46 out of 20

College

2003 to 2004

Natural Sciences Branch

National Organization for Development of Exceptional Talents

Rasht, Iran

#GPA: 19.24 out of 20

Senior High School

2000 to 2003

Natural Sciences Branch

National Organization for Development of Exceptional Talents

Rasht, Iran

#GPA: 19.33 out of 20

Junior high school

1997 to 2000

National Organization for Development of Exceptional

Rasht, Iran

#GPA: 19.27 out of 20

Elementary school

1991 to 1997:

Ma'refat no

Rasht, Iran

#GPA: 19.93 out of 20

Honors & Awards

More than **15** published papers which cited more than **200** times with **h.index=9**, until 2014

More than 15 published papers in biomedical and pharmaceutical internationally credited journals. These publications have been cited more than 200 times and used as a basis for research works of scientific groups around the world.

h.index = 9

i-10 index = 9

Selecting as a **Member of Award Committee** in 1st Avicenna (Ebn-e-Sina) Student Festival at Tehran University of Medical Sciences, 2014

Avicenna (Ebn-e-Sina) Student Festival is a very prestigious biomedical festival held annually at Tehran University of Medical Sciences from 1999. It chooses best faculty members in different fields of research and education. In 2014 this festival expanded its awards and started to choose best students in different fields of research and education, as well. The 1st Avicenna (Ebn-e-Sina) Student Festival selects its award committee members from university faculty members. In the field of research, only two young researchers selected out of faculty members as members of award committee.

“Young teacher of the year” of Tehran University of Medical Sciences, 2012

Young teacher of the year is an annual award which is granted to one qualified students every year in Tehran University of Medical Sciences. All students who have at least thought or instructed one course or one workshop in university ranked by award committee and best teacher finally granted this award.

“Scientific Jury and reviewer's Supervisor” on 2nd Medical Student Research Congress of Tehran Network, 2012

Medical Student Research Congress of Tehran Network is a high quality student congress which holds occasionally by Tehran Students' Research Centers Network (TSRCN). This academic network is the most important and prestigious scientific biomedical student organization in Iran's ministry of health and medical education that includes students' scientific research centers and committees of 8 medical universities of Tehran.

Director of **“Best Students' Research Committee”** in 17th Razi research festival, 2012

Students' Scientific Research Center selected as the best students' research committee in 17th Razi research festival when I was its director. Razi research festival is the most prestigious national biomedical research festival which is hold annually by Iran's ministry of health and medical education. In this festival, best universities, schools, research centers, journals and student committees were selected by award committee and praised by Iran's President.

“Director” of Tehran Students’ Research Centers Network of Iran’s ministry of health and medical education, 2011

Iran’s ministry of health and medical education created 6 academic research networks for biomedical students around the country. These organizations try to connect student researchers in different universities. Tehran Students’ Research Centers Network is the most important one which tries to connect student research centers and committees of 8 medical universities of Tehran, the capital city of country. Each year the most outstanding student in research, education and public health of these universities is selected by other students to be the director of this academic organization.

“Director” of Students' Scientific Research Center of Tehran University of Medical Sciences, 2011

Students’ Scientific Research Center is one of Tehran University of Medical Sciences’ research centers which aims to gather qualified students to do research and train undergraduate medical science students in biomedical research, as well. This center has started to work since 1994 and manages by qualified students, in respect of its structure. This research center has been the leading center of the student research during the past years in Iran. Annually the most outstanding student in research, education and management at Tehran University of Medical Sciences is selected by university's students to be director of this center.

“Director” of Exceptional Talent Development Center of Tehran University of Medical Sciences, 2011

Exceptional Talents Development Center in Tehran University of Medical Sciences has started to work since 2005 and was established to coordinate all activities for designing and implementing strategy and programs for identification and training of gifted and talented students in university. Annually the most outstanding student in research, education and management at Tehran University of Medical Sciences is selected by university's students to be director of this center.

“Active student of the year” of Tehran University of Medical Sciences, 2010

Active student of the year is an annual award which is granted to 3 qualified students every year in Tehran University of Medical Sciences. All students who are members of Students’ Scientific Research Center and works on training undergraduate students in research ranked by award committee and the best three of them finally granted this award.

“Best Oral Presentation” in pharmaceutical biotechnology field at 15th Seminar of Iranian Pharmacy Students, 2010

Seminar of Iranian Pharmacy Students is the most prestigious seminar between pharmacy students in Iran. This seminar is held every year in one pharmacy school of Iran and the best students in pharmaceutical research participate to win prizes.

“Outstanding student researcher” of Iran’s ministry of health and medical education, 2010

Outstanding student researcher is an honor which is granted by governments to very few students who are qualified in research. Two review committee checks students resume in research and select very few of them for this honor in Iran’s ministry of health and medical education.

“Young researcher of the year” of Tehran University of Medical Sciences, 2009

Young researcher of the year is an annual award which is granted to 3 qualified students every year in Tehran University of Medical Sciences. All students of university ranked by award committee according to their research works and the best three of them finally granted this award.

Member of **Society for Iranian Exceptional Talented People**, From 2004

This position is appointed to the students who rank highly in their high school performance, university entrance exam and university course performance. I was honored to become a member of this society in 2004.

Admitted in **Tehran University of Medical Sciences** for a Pharmacy Doctor program, 2004

Tehran University of Medical Sciences is the largest, oldest, most distinguished, most highly ranked and the pioneer in research throughout medical universities of Iran. It picks few students by Iranian university entrance exam each year. It is the 2nd best medical school in the Middle East and often referred to as "The Mother University of Iran". Each year only less than 100 students around the country who interested in pharmacy finally make it to admit to the pharmacy doctor program of this university.

Rank **728** in Iranian university entrance exam in natural sciences field, 2004

Iranian university entrance exam known as Concours held every year to seek qualified student for government funded higher education. On 2004, I became 728th in the national placement exam for universities among the ~500,000 applicants.

Admitted in **National Organization for Development of Exceptional Talents** for senior high school program in natural sciences branch, 2000

National Organization for Development of Exceptional Talents (NODET or SAMPAD) is a national selective school in Iran. It is the most prestigious Iranian teaching institution at the educational and research levels for high school. Admission to this senior high school based on performance in a comprehensive nationwide entrance exam and interview. The entrance exam tested intelligence and talent of the participants in biology, chemistry, mathematics, physics and literature. In our province, Gilan, each year nearly all students who have minimum GPA 19 (out of 20) take this entrance exam, of which only less than 70 students finally make it to this senior high school.

Admitted in **National Organization for Development of Exceptional Talents** for junior high school program, 1997

National Organization for Development of Exceptional Talents (NODET) is a national selective school in Iran. It is the most prestigious Iranian teaching institution for high school. Admission to this junior high school based on performance in a comprehensive nationwide entrance exam and interview. The entrance exam tested intelligence and talent of the participants in natural sciences, mathematics and cognitive thinking models. . In our province, Gilan, each year nearly all students who have minimum GPA 19 (out of 20) take this entrance exam, of which only less than 50 students finally make it to this junior high school.

Reviewer

- Reviewer of scientific journals:
 1. Environmental Engineering Science (ISI, IF=0.89)
 2. Thrita Journal of Medical Sciences
 3. Psychiatria Danubina (MEDLINE/PubMed)

- Scientific jury and reviewer's Supervisor:
 1. 2nd Medical Student Research Congress of Tehran Network (MSRCTN2); 23-24 May 2012; Shahed University, Tehran, Iran.

- Reviewer of congress/seminar:
 1. 2nd Medical Student Research Congress of Tehran Network (MSRCTN2); 23-24 May 2012; Shahed University, Tehran, Iran.
 2. 11th International Congress of Immunology & Allergy; 26-29 April 2012; Iranian Society for Immunology & Allergy, Tehran, Iran.
 3. 12th Student International Conference On Biomedical and Interdisiplinary Research 2011 (SICOBAIR 2011); 6-9 Sep 2011; Isfahan University of Medical sciences, Esfahan, Iran.
 4. 11th Annual Research Congress of Iranian Medical Sciences Students; 20-23 April 2010; Hormozgan University of Medical sciences, Bandar abbas, Iran.

- Member of Award Committee:
 1. 1st Avicenna (Ebn-e-Sina) Student Festival, Tehran University of Medical Sciences, 2014

- Member of grant review committees:
 1. Research committee of Clinical Research Center of Milad General Hospital, 2012 to present.
 2. Research council of Students' Scientific Research Center of Tehran University of Medical Sciences, 2011 to present.

- Member of teacher selection board:
 1. Students' Scientific Research Center of Tehran University, 2012 to present

English Paper Publications

Citations (in GoogleScholar): 208

The citations demonstrate the total number of publications from others which have cited my publications in their works.

h.index: 9

The h-index is an index that attempts to measure both the productivity and impact of the published work of a scientist or scholar.

i-10 index: 9

The i10-index indicates the number of academic publications an author has written that have at least ten citations from others.

1. **Mollazadeh-Moghaddam K**, Jamali A, Adili-Aghdam F, Pasalar P, Larijani B. Rapid research education for medical science students. *The Lancet*. 2014 June 04; 381(9873):1184. [PMID: 23562000] [Doi:10.1016/S0140-6736(13)60800-4]
Impact Factor: 38.27
Cited in Google-Scholar: 1 time
Cited in Scopus: 1 time
2. **Mollazadeh-Moghaddam K**, Jamali A, Adili-Aghdam F, Akhondzadeh S. Delirium Associated with Donepezil in a Patient with Alzheimer's Disease: a Case Report. *Iranian Journal of Psychiatry*. 2012 July 03; 8(1):59-60. [PMID: 23682254]
Impact Factor: 0.95
Cited in Google-Scholar: 1 time
Cited in Scopus: 0 time
3. Jamali A, Adili Aghdam F, Hassanpour K, **Mollazadeh Moghadam K**. Undergraduate Medical Students' Knowledge About Principles of Research Methodology and Impact of Extracurricular Principles of Research Workshops: A Cross-Sectional Study in Tehran University of Medical Sciences. *Thrita Student Journal of Medical Sciences*. 2012; 1(1):8-12.
Cited in Google-Scholar: 2 times
4. Mokhlesi A, Saeidnia S, Gohari AR, Shahverdi AR, **Mollazadeh-Moghaddam K**, Es' hagh N. Antibacterial, antifungal and cytotoxic activities of *Bohadschia marmorata*, a sea cucumber from north coastal of Persian Gulf. *Pharmacologyonline*. 2012; 3:1029-1038.
Cited in Google-Scholar: 6 times

5. **Mollazadeh-Moghaddam K**, Varasteh Moradi B, Dolatabadi-Bazaz R, Shakibae M, Shahverdi AR. An enhancing effect of gold nanoparticles on the lethal action of 2450 MHz electromagnetic radiation in microwave oven. *Avicenna Journal of Medical Biotechnology*. 2011 October; 3(4):195-200. [PMID: 23407707]
Cited in Google-Scholar: 3 times
Cited in Scopus: 2 times
6. Elyasi Golmoraj V, Khoshayand MR, Amini M, **Mollazadeh Moghadamd K**, Amin G, Shahverdi AR. The surface chemistry and stability of gold nanoparticles prepared using methanol extract of *Eucalyptus camaldulensis*. *Journal of Experimental Nanoscience*. 2011 April 01; 6(2):200-208. [Doi: 10.1080/17458080.2010.489581]
Impact Factor: 0.95
Cited in Google-Scholar: 1 time
Cited in Scopus: 3 times
7. Shakibaie M, Forootanfar H, **Mollazadeh Moghaddam K**, Bagherzadeh Z, Nafissi-Varcheh N, Shahverdi AR, Faramarzi MA. Green synthesis of gold nanoparticles by the marine microalga *Tetraselmis suecica*. *Biotechnology and Applied Biochemistry*. 2010 October 01; 51(2):71-75. [PMID: 20923412] [Doi:10.1042/BA20100196]
Impact Factor: 1.24
Cited in Google-Scholar: 21 times
Cited in Scopus: 15 times
8. **Mollazadeh Moghaddam K**, Arfan M, Rafique J, Rezaee S, Jafari Fesharaki P, Gohari AR, Shahverdi AR. The antifungal activity of *Sarcococca saligna* ethanol extract and its combination effect with fluconazole against different resistant *Aspergillus* species. *Applied Biochemistry and Biotechnology*. 2010 September 01; 162(1): 127–133. . [PMID: 19685213] [Doi: 10.1007/s12010-009-8737-2]
Impact Factor: 1.78
Cited in Google-Scholar: 5 times
Cited in Scopus: 4 times
9. Khorramizadeh MR, Esmail-Nazari Z, Zarei-Ghaane Z, Shakibaie M, **Mollazadeh-Moghaddam K**, Iranshahi M, Shahverdi AR. Umbelliprenin-coated Fe₃O₄ magnetite nanoparticles: Antiproliferation evaluation on human Fibrosarcoma cell line (HT-1080). *Materials Science and Engineering: C*. 2010 August 30; 30(7):1038-1042. [Doi:10.1016/j.msec.2010.05.005]
Impact Factor: 2.17
Cited in Google-Scholar: 18 times
Cited in Scopus: 14 times

10. Zarrini G, Bahari Delgosha Z, **Mollazadeh Moghaddam K**, Shahverdi AR. Post-antibacterial effect of thymol. *Pharmaceutical Biology*. 2010 June; 48(6):633-636. [PMID: 20645735] [Doi: 10.3109/13880200903229098]
Impact Factor: 0.63
Cited in Google-Scholar: 7 times
Cited in Scopus: 5 times
11. Banoee M, Seif S, Nazari Z, Jafari-Fesharaki P, Shahverdi HR, Moballegh A, **Moghaddam KM**, Shahverdi AR. ZnO nanoparticles enhanced antibacterial activity of ciprofloxacin against *Staphylococcus aureus* and *Escherichia coli*. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*. 2010 May 01; 93B(2):557-561. [PMID: 20225250] [Doi: 10.1002/jbm.b.31615]
Impact Factor: 2.22
Cited in Google-Scholar: 37 times
Cited in Scopus: 26 times
12. Gohari AR, Saeidnia S, **Mollazadeh K**, Yassa N, Malmir M, Shahverdi AR. Isolation of a new quinic acid derivative and its antibacterial modulating activity. *Daru: Journal of Faculty of Pharmacy*. 2010; 18(1):69-73. [PMID: 22615597] [Doi: 10.1002/jbm.b.31615]
Impact Factor: 0.77
Cited in Google-Scholar: 5 times
Cited in Scopus: 3 times
13. **Mollazadeh Moghaddam K**. An introduction to microbial metal nanoparticle preparation method. *The Journal of Young Investigators*. 2010 January; 19(19):1-7.
Cited: 17 times
14. Saeidnia S, Gohari AR, Shahverdi AR, Permeh P, Nasiri M, **Mollazadeh K**, Farahani F. Biological activity of two red algae, *Gracilaria salicornia* and *Hypnea flagelliformis* from Persian Gulf. *Pharmacognosy Research*. 2009 November 01; 1(6): 428-430.
Cited: 15 times
15. **Mollazadeh Moghaddam K**, Iranshahi M, Chitsazian Yazdi M, Shahverdi AR. The combination effect of curcumin with different antibiotics against *Staphylococcus aureus*. *International Journal of Green Pharmacy*. 2009 April 01; 3(2):141-143. [Doi: 10.4103/0973-8258.54906]
Cited in Google-Scholar: 15 times
Cited in Scopus: 12 times

16. Haratifar E, Shahverdi HR, Shakibaie M, **Mollazadeh Moghaddam K**, Amini M, Montazeri H, Shahverdi AR. Semi-biosynthesis of magnetite-gold composite nanoparticles using an ethanol extract of *Eucalyptus camaldulensis* and study of the surface chemistry. Journal of Nanomaterials. 2009 January 01; vol. 2009, Article ID 962021, 23-28. [Doi: 10.1155/2009/962021]
Impact Factor: 1.67
Cited in Google-Scholar: 14 times
Cited in Scopus: 2 times
17. Gohari AR, Saeidnia S, Shahverdi AR, Yassa N, Malmir M, Mollazade K, Naghinejad AR. Phytochemistry and antimicrobial compounds of *Hymenocrater calycinus*. EurAsian Journal of BioSciences. 2009; 3(9):64-68. [Doi: 10.5053/ejobios.2009.3.0.9]
Cited: 21 times
18. Iranshahi M, Hosseini ST, Shahverdi AR, **Molazade K**, Suleman Khan S, Ahmad V. Diversolidines A–G, guaianolides from the roots of *Ferula diversivittata*. Phytochemistry. 2008 November 30; 69(15):2753-2757. [PMID: 18804823] [Doi: 10.1016/j.phytochem.2008.08.009]
Impact Factor: 3.15
Cited in Google-Scholar: 16 times
Cited in Scopus: 12 times

Persian Review Publications

1. **Kamyar Mollazadeh Moghaddam**, Fatemeh Adili Aghdam (2011) Fasting in patients. Novin Pezeshki (In persian means Modern Medicine) 506: 652-661. (In Persian language)
2. **Kamyar Mollazadeh Moghaddam**, Fatemeh Adili Aghdam (2010) Pharmacotherapy in Dentistry, Tetracyclin's ADR after its Administration. Tebbe Sabz (In persian means Green Medicine) 3: 34. (In Persian language)
3. **Kamyar Mollazadeh Moghaddam**, Fatemeh Adili Aghdam (2010) Pharmacotherapy in Dentistry, Administration of Lidocaine in Pregnancy and Lactation. Tebbe Sabz (In persian means Green Medicine) 2: 34. (In Persian language)
4. **Kamyar Mollazadeh Moghaddam**, Fatemeh Adili Aghdam (2010) Pharmacotherapy in Dentistry, Administration of Correct Acetaminophen's Analgesic Dose. Tebbe Sabz (In persian means Green Medicine) 1: 34. (In Persian language)

Book Chapters

- Under Publication

1. **Mollazadeh Moghaddam K**, Emamzadeh-Fard S. “Article Types”. *An Introduction to Scientific Writing in Biomedical Sciences*. Tehran: Teimourzadeh Publication, 2014. Print. (in Persian language)
2. **Mollazadeh Moghaddam K**, Anvari P. “Variables”. *Essentials of Biostatistics: A Tutorial* . Tehran: Teimourzadeh Publication, 2014. Print. (in Persian language)
3. **Mollazadeh Moghaddam K**, Adili Aghdam F. “Principals for Poster and Slide Preparation”. *Presentation Skills for Scientific Works*. Tehran: Teimourzadeh Publication, 2014. Print. (in Persian language)

Thesis

Pharmacy doctorate degree:

Investigate the effects of microwave radiation on the antimicrobial activity of gold nanoparticles and the metabolomics analysis of this effect by NMR

Advisors:

- Dr. Ahmad Reza Shahverdi, Pharm.D & Ph.D
- Dr. Reza Dolatabadi Bazaz, Pharm.D & Ph.D

Dissertation defense meeting hold on Feb 01, 2011 at Safari hall, pharmacy school, Tehran University of Medical Sciences, Tehran, Iran.

Jury Committee:

- Dr. Zargham Sepehrizadeh, Pharm.D & Ph.D
- Dr. Mohammad Ali Faramarzi, Pharm.D & Ph.D

Abstracts, Poster and oral Presentations

1. Poster presenter:

Mollazadeh Moghaddam K, Shahverdi AR, Dowlatabadi bazaz R. Effect of microwave radiation on the antibacterial activity of gold nanoparticles and metabolomics survey of this effect by NMR. 11th Nanotechnology Iranian Student Conference. 2012 February 15-16; Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran.

2. Poster presenter:

Mollazadeh Moghaddam K, Adili Aghdam F, Gholami J, Hosseini H, Ahmadvand A, Majdzadeh R. Young researchers and knowledge translation: a KAP study. 16th Iranian Pharmacy Students Seminiar (IPSS 2011). 2011 October 15-17; Tehran University of medical sciences, Tehran, Iran.

3. Co-author:

Adili Aghdam F, **Mollazadeh Moghaddam K**, Gholami J, Hosseini H, Ahmadvand A, Majdzadeh R. Knowledge, attitude and practice in knowledge translation area among young researchers of Students' Scientific Research Center at Tehran University of Medical Sciences. 22nd European Students Conference (esc-Berlin); 2011 September 21-24; Charite Berlin, Berlin, Germany.

4. Oral presenter:

Mollazadeh Moghaddam K, Adili Aghdam F, Gholami J, Hosseini H, Ahmadvand A, Majdzadeh R. Knowledge, attitude and practice in knowledge translation area among young researchers of Students' Scientific Research Center at Tehran University of Medical Sciences. 12th Student International Conference on Biomedical and Interdisciplinary Research 2011 (SICOBAIR 2011). 2011 September 6-9; Isfahan University of Medical sciences, Esfahan, Iran.

5. Oral presenter:

Khorramizadeh MR, Esmail-Nazari Z, Zarei-Ghaane Z, Shakibaie M, **Mollazadeh-Moghaddam K**, Iranshahi M, Shahverdi AR. Umbelliprenin-coated Fe₃O₄ magnetite nanoparticles: Antiproliferation evaluation on human Fibrosarcoma cell line (HT-1080). 15th Seminar of Iranian Pharmacy Students (SIPS 2010). 2010 October 13-15; Pharmacy School, Kerman University of Medical Sciences, Kerman, Iran.

6. Co-author:
Malmir M, Gohari AR, Saeidnia S, Moradi-Afrapoli F, Yassa N, Shahverdi AR, **Mollazadeh K**, Hadjiakhoondi A. Bioactive phenolic compound from *Hymenocrater calycinus*. 57th International Congress & Annual Meeting of the Society for Medical Plant and Natural Product Research. 2009 August 16-20; Geneva, Switzerland.
Published in: Planta Medica 2009; 75(09):PD76.
Impact Factor: 2.34

7. Co-author:
Saeidnia S, Gohari AR, **Mollazadeh-Moghaddam K**, Yassa N, Malmir M, Shahverdi AR. Combination effect of a new quinic acid derivative with cell wall active antibiotics against *Staphylococcus aureus* and *Escherichia coli*. 57th International Congress & Annual Meeting of the Society for Medical Plant and Natural Product Research. 2009 August 16-20; Geneva, Switzerland.

8. Poster presenter:
Mollazadeh Moghaddam K, Iranshahi M, Chitsazian M, Shahverdi AR. The combination effect of curcumin with different antibiotics against *Staphylococcus aureus*. International Medicine Students' Research Congress (IMSRC 2009). 2009 May 8-10; Cerrahpasa medical faculty, Istanbul University, Istanbul, Turkey.

9. Poster presenter:
Mollazadeh Moghaddam K, Shahverdi AR. An Introduction to Modern Gold Nanoparticles Preparation Method by Different Microorganism; New Steps to the Future of Nanobiotechnology. 2nd international student conference of biotechnology (Biotech 2008). 2008 November 15-17; School of Science, University of Tehran, Tehran, Iran.

10. Poster presenter:
Mollazadeh Moghaddam K, Shahverdi AR, Sepehrizadeh Z, Daneshpajoh S, Seyedbagheri SA. The Suppression of Nitroreductase and nfsA Gene Lead to Inhibited the Synthesis of Silver Nanoparticles in *Klebsiella pneumonia*. 2nd international congress on nanoscience and nanotechnology (ICNN 2008). 2008 October 28-30; University of Tabriz, Tabriz, Iran.

11. Poster presenter:
Mollazadeh Moghaddam K, Ramezani N, Shahverdi AR. An enhancing effect of low frequency electromagnetic radiation on the antibacterial activity of gold nanoparticles. Synergistic killing of bacteria. 11th Iranian pharmaceutical science conference (IPSC 2008). 2008 August 18-21; International Center for Science & High Technology & Environmental Sciences, Kerman, Iran.

12. Poster presenter:

Mollazadeh Moghaddam K, Shahverdi AR. Microorganisms as Nanofactories. Dubai international pharmaceuticals and technologies conference and exhibition (Duphat 2008). 2008 March 10-12; Dubai international conference and exhibition center, Dubai, United Arabic Emirate.

Teaching Experiences

1. **"An Introduction to Research in Pharmaceutical Sciences"** workshop, (2010- present)
"An introduction to research in pharmaceutical sciences" workshop is a workshop, designed by myself to teach the role of every part of pharmaceutical sciences in its research. This workshop held for Pharm.D students who are in their first or second year. 9 workshops hold on these years with totally 42 hours for 176 students.
2. **"Principles of research in biomedical sciences"** workshop (2010- Present)
"Research in biomedical sciences" workshop is a workshop, designed to teach every steps of research in biomedical sciences. This workshop held for MD, PharmD, DDS, BS, MS and PhD students who are studding in a field of biomedical sciences. 21 workshops hold on that year with totally 333 hours for 512 students.
3. **"Biostatistics and SPSS"** workshop (2012- Present)
"Biostatistics and SPSS" workshop is a workshop, designed to teach biostatistics (descriptive statistics, analytic statistics and statistical tests) and SPSS to biomedical researchers. This workshop held for different kind of researchers who are working in a field of biomedical sciences. 19 workshops hold on that year with totally 417 hours for 298 students.
4. **"Writing a research protocol"** workshop (2012)
"Writing a research protocol" workshop is a workshop, designed to teach protocol writing skills to biomedical researchers. This workshop held for different kind of researchers who are working in a field of biomedical sciences. 2 workshops hold on that year with totally 10 hours for 22 students.
5. **"Presentation skills for a research"** workshop (2012- Present)
"Presentation skills for a research" workshop is a workshop, designed by myself to teach skills of presenting a research in academic atmosphere like congress and seminars to researchers in biomedical fields. 12 workshops hold on that year with totally 58 hours for 158 students.
6. **"How to search in Pubmed"** workshop (2012)
"How to search in Pubmed" workshop is a workshop, designed to teach the skills of searching in Pubmed and Medline. This workshop held for different kind of researchers who are working in a field of biomedical sciences. 2 workshops hold on that year with totally 3 hours for 38 researchers.

Grants

2007/March:

Research grant

The Cytotoxicity evaluation of silver nanoparticles and its combination effect with tamoxifen on parent and resistance T47D breast carcinoma

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **6,361.35\$**

2007/October:

Research grant

The silver nano particles production by some terpenoids: Menthol, Piperitone, Thymol, Caryophyllene and Orsolic acid

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **4,330.51\$**

2008/May:

Travel grant

Microorganisms as Nanofactories

Role: Poster presenter in Duphat 2008

Supporter: Tehran University of Medical Sciences

Fee: **328.81\$**

2008/May:

Travel grant

Microorganisms as Nanofactories

Role: Poster presenter in Duphat 2008

Supporter: Iran Nanotechnology initiative Council

Fee: **547.88\$**

2008/ December:

Research grant

Preparation and characterization of bismuth nanoparticles produced by strain Bis55 and its antibacterial activity against *Helicobacter pylori*

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **1,002.71\$**

2009/May:

Research grant

Study on the bio-production of gold nanoparticles by the microalgae *Tetraselmis suecica*

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **4,382.77\$**

2009/July:

Research grant

The in vitro investigation on combination effect of curcumin with effective antibiotics against *Staphylococcus aureus*

Role: Principal Investigator

Supporter: Tehran University of Medical Sciences

Fee: **4,204.14\$**

2009/November

Research grant for proposing thesis

Developing nanoparticles utilization in killing pathogens

Role: Principal Investigator

Supporter: Iran Nanotechnology initiative Council

Fee: **1,814.33\$**

2011:

Research grant

Research and Development Capacity in Iranian "Science, Technology and Innovation System"

Enterprise: assessment and model development

Role: Investigator

Supporter: Presidential Deputy of science and technology

Fee~ **2,000\$**

2011/October:

Research grant

Design a questionnaire assessing knowledge and attitude and practice of researchers in knowledge translation area and evaluating reliability and validity of it

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **2,801.63\$**

2012/January:

Research grant

Development of TUMS-Research Diploma in Tehran University Of Medical Sciences

Role: Investigator

Supporter: Tehran University of Medical Sciences

Fee: **7,478.78\$**

2012/May

Research grant for completing thesis

Investigate the effects of microwave radiation on the antimicrobial activity of gold nanoparticles and the metabolomics analysis of this effect by NMR

Role: Principal Investigator

Supporter: Iran Nanotechnology initiative Council

Fee: **489.39\$**

GenBank Submissions

1. JF682843: *Serratia marcescens* strain Katy21 16S ribosomal RNA gene, partial sequence, 2011.

length: 232 bp

Bahrami,K., **Mollazadeh Moghaddam,K.**, Nazari,P., Sepehrizadeh,Z. and Shahverdi,A.R.

2. JF682844: *Serratia marcescens* strain Kam625444222 16S ribosomal RNA gene, partial sequence, 2011.

length: 283 bp

Mollazadeh Moghaddam,K., Bahrami,K., Nazari,P., Sepehrizadeh,Z. and Shahverdi,A.R.

Professional experiences

2006 to 2011

Research assistant in pharmaceutical biotechnology department, Pharmacy school, Tehran University of Medical Sciences, Tehran, Iran

2008 to 2010

Member of Central Council in Students' Scientific Research Center at Tehran University of Medical Sciences, Tehran, Iran

2009 to 2010

Member of Executive Council in Students' Scientific Research Center at Tehran University of Medical Sciences, Tehran, Iran

2011

Director of Students' Scientific Research Center at Tehran University of Medical Sciences, Tehran, Iran

2011

Director of Exceptional Talent Development Center at Tehran University of Medical Sciences, Tehran, Iran

2011

Director of Tehran Students' Research Centers Network of Iran's ministry of health and medical education, Tehran, Iran

2008 to 2011

Pharmacist, Several pharmacies in Tehran, Iran

2008 to 2009

Translator, Iranian Nanotechnology Initiative Council, Tehran, Iran

2008 to 2013

Drug and Poison Information Center expert, National DPIC (Drug and Poison Information Center), Tehran, Iran

2009 to 2014

Drug and Poison Information Center expert, Loghman Hospital (Tehran's Poison Center), Tehran, Iran

2009 to 2014

Pharmacy Doctor, Several pharmacies in Tehran, Iran

2012 to 2013

Head of Education Department, Milad general hospital, Tehran, Iran

2012 to present

Research associate, Clinical Research Center, Milad general hospital, Tehran, Iran

Memberships

1. Society for Iranian Exceptional Talented People (2004 to present)
2. Iran Pharmacists Association (2008 to present)
3. Student Scientific Research Center at Tehran University of Medical Sciences (2008 to present)
4. Medical Council of Iran (2012 – Present)

Language

1. Gilaki (mother tongue)
2. Persian (native)
3. English (advanced)
 - TOEFL iBT= Total 98 out of 120.
 - Reading: 27 /30
 - Listening: 24 /30
 - Speaking: 26 /30
 - Writing: 21 /30
 - GRE General= Total 310 out of 340
 - Quantitative reasoning: 167 /170
 - Verbal reasoning: 143 /170
 - Analytical writing: 2.5 /6
4. Arabic (intermediate)
 - 7-year compulsory subject in junior and senior high schools

Computer skills

Microsoft Office

- Word
- Power point
- Excel
- Publisher

Statistics software

- SPSS
- Stata

Reference manager

- Endnote

Interests in Research

1. Drug formulation by nanotechnology and hydrogels.
2. Drug delivery by nanotechnology and hydrogels.
3. Biosynthesis and biological activity of metal nanoparticles.
4. Natural products and new biological activities.