

Curriculum Vitae

Hamid Reza MOGHIMI

Professor of Pharmaceutics and Pharmaceutical Nanotechnology

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Educational Details

- **Fellowship-Visiting Academic (March 2013- February 2014)**
Subject: Novel aspects of transdermal drug delivery (nanoparticles and permeation mechanisms)
Place: School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, Australia.
Supervisor: Professor Michael S Roberts
- **Fellowship-Visiting Academic (January 2002-December 2002)**
Subject: Liposomal gene delivery in cancer
Place: Department of Pharmacology, School of Medicine and Dentistry, University of Alberta, Edmonton, Canada.
Supervisor: Professor Theresa M Allen
- **PhD in Pharmaceutics (January 1992 – July 1995):**
From: The School of Pharmacy, University of Bradford, Bradford, UK.
Thesis title: Modeling the intercellular lamellar lipid structure of human stratum corneum for drug permeation studies.
Supervisors: Professor Brian W Barry and Professor Adrian C Williams
- **Doctor of Pharmacy (PharmD) (October 1984 - October 1989):**
From: School of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.
Average: 18.4 out of 20; the highest among the students graduated in 1989-1990 academic year and was awarded by the Iranian Ministry of Health and Medical Education with an overseas scholarship for PhD studies.
Thesis title: Studying the effects of vehicle type and thermodynamic activity on percutaneous absorption of nitroglycerin.
Thesis rating: Distinguished (honor)- Grade: 20 out of 20.
Supervisor: Professor Masoud Adrangui

Work Experiences

- **Full-time permanent Job**
Academic Staff (Nov. 1989-Present): School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran. **Current Rank:** Professor of Pharmaceutics and Nanotechnology.
- **Part-time Industry** (Overlapped with my academic career)
Managing Director (CEO) (Nov. 2004 – Nov. 2008): Sobhan-Darou Pharmaceutical Company, Tehran, Iran.
- **Temporary Paid Contract (Jul. 2002 - Dec. 2002); During Sabbatical**
Department of Pharmacology, School of Medicine and Dentistry, University of Alberta, Edmonton, Canada.

Awards and Offers

- First rank for “Outstanding Technology Incubator” in Iran at “The 28th Razi Research Festival on Medical Sciences”, as the Technology Affairs Director of Shahid Beheshti University of Medical Sciences, January 2023.
- First rank for “Outstanding Technology Incubator” in Iran at “The 27th Razi Research Festival on Medical Sciences”, as the Technology Affairs Director of Shahid Beheshti University of Medical Sciences, February 2022.
- First rank for “Outstanding Medical University in Health Technology Achievements” in Iran at “The 26th Razi Research Festival on Medical Sciences”, as the Technology Affairs Director of Shahid Beheshti University of Medical Sciences, January 2021.
- Second rank for “Outstanding Medical University in Health Technology Achievements” in Iran at “The 24th Razi Research Festival on Medical Sciences”, as the Technology Affairs Director of Shahid Beheshti University of Medical Sciences, January 2019.
- Chosen as the “Top Researcher of the Year” by Research Council of Shahid Beheshti University of Medical Sciences, 2015.
- Chosen as the “Top Innovator of the Year” by Research Council of Shahid Beheshti University of Medical Sciences, 2015.
- Chosen as the “Top Researcher of the Year” by Research Council of Shahid Beheshti University of Medical Sciences, 2007.
- A project performed by me and my colleagues entitled “effects of surfactants on performance of mucoadhesive polymers” was chosen as the one of the best research projects planned and performed in the Shahid Beheshti University of Medical Sciences, 2004.
- Chosen as the “Top Researcher of the Year” by Research Council of Shahid Beheshti University of Medical Sciences, 2004.
- Invited by UCSF (School of Medicine) for participation in a transdermal drug delivery project (2001). Unfortunately I could not attend.
- Invited by University of Rhode Island for participation in a transdermal drug delivery project (2001). Unfortunately I could not attend.
- Selected 'Distinguished Academic Member' by Shahid Beheshti University of Medical Sciences, for the academic year of 1996-1997.
- Selected 'Distinguished Scientist' by 'The Hygienic and Cosmetic Magazine', Iran, 1996.
- Invited by School of Pharmacy, University of Bradford (UK) (1995) for fellowship in transdermal drug delivery. I could not attend because of home university obligations.
- Studentship from Research Funds, University of Bradford, Bradford, England, 1995.
- Selected 'Distinguished Academic Member' by Shahid Beheshti University of Medical Sciences, for the academic year of 1991-1992.
- Selected 'Distinguished Academic Member' by students of School of Pharmacy, Shahid Beheshti University of Medical Sciences, for the academic year of 1990-1991.
- Scholarship for PhD degree, due to acquiring the highest grade amongst all Pharm.D. Graduates in Iran, from the Iranian Ministry of Health and Medical Education, 1991.

Research Interests and Activities

- Transdermal drug delivery (intact skin, wound and cancer)
- Drug permeation enhancement (chemical enhancers, iontophoresis, microwave, sonophoresis and etc.) through burn wounds, intact skin, cancer cells and bacteria
- Responsive drug delivery systems (Laser, LED, ultrasound and etc.)
- Prevention of absorption of toxic chemicals
- Modeling permeation of drugs through biological barriers
- Structure-permeability-relationship
- Gene delivery
- Nanoparticles (liposomes, dendrimers, SLN, nanoemulsions and etc.)
- Application of nanoparticles in drug delivery to microorganisms
- Lyotropic liquid crystals and self-deliverable systems
- Pharmacokinetic of nanoparticles; extending their duration of action
- Application of Hansen Solubility Parameters in formulation design for optimized drug delivery in normal skin, cancer, burn wounds and bacteria
- Wound healing
- Topical formulations
- Cosmetic peptides design and permeation
- Behavior of nanoparticles in convective flow
- Veterinary pharmaceuticals
- History of pharmaceuticals in Iran

Teaching Activities and Experiences

- **Physical pharmacy:** diffusion, release, permeation, complexation and solubility phenomena
- **Biopharmacy:** biological barriers (structure and models), absorption phenomenon (basics, transdermal, oral, nasal, pulmonary and cellular), absorption enhancement and inhibition
- **Lyotropic liquid crystals:** preparation and characterizations
- **Controlled-release drug delivery systems:** concept, design, economical aspects and etc.
- **Topical and transdermal formulations:** conventional and controlled-release systems, characterizations, normal and damaged skin, enhancement, retardation and nanoparticles
- **Gene delivery**
- **Nanomedicine:** liposomes, solid-lipid nanoparticles, microemulsions, dendrimers and etc.
- **Industrial pharmacy and pharmaceutical processing**
- **Preformulation studies**
- **Thermal analysis**
- **Cosmetics:** different skin care products
- **History of pharmacy and drug delivery systems**

Publications (Patents, Books, Journal Articles)

A. Patents

1. Inventors: Erfan M, Moghimi HR, Haeri A, Jafarzade-Kashi TS and Jafarzade F (Apr. 21, 2015). Poly(cpp-sa) anhydride as a reactive barrier matrix against percutaneous absorption of toxic chemicals. *US Patent*. Patent No.: US 9,011,830 B2. <https://patents.google.com/patent/US9011830B2/en>
2. Inventors: Moghimi HR, Sahari MA and Hadian Z (Nov. 11, 2014). Preparation of stable nanoliposomal formulations containing bioactive agents. *Iran Patent (In Persian)*. Patent No.: 84400.
3. Inventors: Erfan M, Haeri A, Moghimi HR and Jafarzade-Kashi T. S. (Jun. 16, 2014). Reduction of percutaneous absorption of toxic chemicals by Poly(cpp-sa) anhydride. *Iran Patent (In Persian)*. Patent No.: 89/A-015515.

B. Books

1. Vatanpour H, Mehravi B, Dorkoush F, Moghimi HR, Eliasi M, Mirzaei E, Zeighami M, Gholampour A, Haghjou-Javanmard S, Sankian M, Rostamizadeh K, Khaleghi M, Aminlou M, Badehnoush, Khorasani, Eliasi A (2020). Structure and Policy of Intellectual Property and Innovation in Medical Sciences Universities of Iran. Health Technology Department, Ministry of Health and Medical Education, Tehran, Iran.
2. Vatanpour H, Alizadeh A, Monnazam MR, Moghimi HR, Montaseri H, Hashemi-Aghdam E, Momayezan M, Arabalibaik H, Amiri M, Fakheri R, Giahi L, Nezami N, Haidari H, Saberi A (2018). Rules and Regulations of Medical Technology in Iranian Medical Colleges (In Persian). Aftab Andisheh Publisher, Tehran, Iran.
3. Moghimi HR, Shafizade A and Kamlinejad M (2011). Drug Delivery Systems in Iranian Traditional Pharmacy; types, ingredients, preparation and biopharmaceutical aspects. (In Persian). Traditional Medicine and Materia Medica Research Center, SBMU, Tehran, Iran.
4. Moghimi HR, Mortazavi SM and Mortazavi SA. Scientific Advisors on translation from English to Persian of "Aulton's Pharmaceutics: The Design and Manufacture of Medicines (Kevin MG Taylor and Michael E. Aulton, Eds), 6th Edition (2021), Elsevier". Translated from English to Persian by a group of translators. Etminan Publishers, 2022, Tehran, Iran.

C. Book Chapters

1. Zarei-Chamgordani N, Sayed Tabatabaei M, Mortazavi SM, Moghimi HR (2023). An overview of wound healing: wound types and current therapeutics. In: "Bioengineered Nanomaterials for Wound Healing and Infection Control", 1st Edn (Barabadi H, Saravanan M, Mostafavi E and Vahidi H, Eds). Elsevier. Chapter 2: pp. 29-56. DOI: <https://doi.org/10.1016/B978-0-323-95376-4.00007-1>
2. Ghaffari A, Abazari M and Moghimi HR (2023). Wound healing and nanotechnology: opportunities and challenges. In: "Bioengineered Nanomaterials for Wound Healing and Infection Control", 1st Edn (Barabadi H, Saravanan M, Mostafavi E and Vahidi H, Eds). Elsevier. Chapter 4: pp. 115-174. DOI: <https://doi.org/10.1016/B978-0-323-95376-4.00014-9>
3. Moghimi HR, Mortazavi SM and Maibach HI (2022). Drug Permeation through Burn Eschar: Possibilities and Improvements. In: "Percutaneous Absorption: Drugs-Cosmetics-Mechanisms-Methods", 5th Edition (Dragicevic N and Maibach HI, Eds). CRS Press Boca Raton. Chapter 62: pp. 929-940.
4. Mortazavi SM, Moghimi HR and Maibach HI (2022). Chemical Modification: An Important and Feasible Method for Improving Dermal and Transdermal Delivery of Peptides and Proteins.

- In: "Percutaneous Absorption: Drugs-Cosmetics-Mechanisms-Methods", 5th Edition (Dragicevic N and Maibach HI, Eds). CRS Press, Boca Raton. Chapter 34: pp. 459-468.
5. Benson HAE, Moghimi HR, Grice JE and Roberts MS (2021). Influence of Formulation on Topical and Transdermal Drug Delivery. In: "Percutaneous Absorption: Drugs-Cosmetics-Mechanisms-Methods", 5th Edition (Dragicevic N and Maibach HI, Eds). CRS Press Boca Raton. Chapter 17: pp. 245-265.
 6. Haeri A, Mehryab F and Moghimi HR (2018). Advanced Therapy in Cancer: Stimuli-Responsive Nanocarriers for on-Demand Drug Delivery. In: "Topics in Anti-Cancer Research" (Atta-ur-Rahman and Khurshid Zaman, Eds). Bentham Science Publishers, Sharja. Vol. 7, Chapter 2: pp. 1-48.
 7. Moghimi HR and Alinaghi A (2017). Microwave as a skin permeation enhancement method. In: In: "Percutaneous Penetration Enhancers: Physical Methods in Penetration Enhancement" (Dragicevic N and Maibach HI, Eds), Springer-Verlag, Berlin. Chapter 10: pp. 161-174.
 8. Grice JE, Moghimi HR, Ryan E, Zhang Q, Haridass I, Mohammed Y and Roberts MS (2017). Non-formulation parameters that affect penetrant-skin-vehicle interactions and percutaneous absorption. In: "Percutaneous Penetration Enhancers: Drug Penetration Into/Through the Skin, Methodology and General Considerations. (Dragicevic N and Maibach HI, Eds), Springer-Verlag, Berlin. Chapter 4: pp. 45-75.
 9. Leite-Silva VR, Grice JE, Mohammed Y, Moghimi HR and Roberts MS (2017). The influence of emollients on dermal and transdermal drug delivery. In: "Percutaneous Penetration Enhancers: Drug Penetration Into/Through the Skin, Methodology and General Considerations" (Dragicevic N and Maibach HI, Eds), Springer-Verlag, Berlin. Chapter 5: pp. 77-93.
 10. Mohammed YH, Moghimi HR, Yousef SA, Chandrasekaran NC, Bibi CR, Sukumar SC, Grice JE, Sakran W and Roberts MS (2017). Efficacy, safety and targets in topical and transdermal active and excipient delivery. In: "Percutaneous Penetration Enhancers: Drug Penetration Into/Through the Skin, Methodology and General Considerations" (Dragicevic N and Maibach HI, Eds), Springer-Verlag, Berlin. Chapter 23: pp. 369-391.
 11. Kuswahyuning R, Grice JE, Moghimi HR and Roberts MS (2015). Formulation effects in percutaneous absorption. In: "Percutaneous Penetration Enhancers: Chemical Methods in Penetration Enhancement; drug manipulation strategies and vehicle effects" (Dragicevic-Curic N and Maibach HI, Eds), Springer-Verlag, Berlin. pp. 109-134.
 12. Moghimi HR, Barry BW and Williams AC (1999). Stratum corneum and barrier performance; a model lamellar structural approach. In: "Percutaneous Absorption" (Bronaugh RL and Maibach HI, Eds), 3rd Edn., Marcel Dekker, Inc., New York, pp. 515-553.

D. Journal Full Articles

1. Zarei Chamgordani N, Asiaei S, Ghorbani-Bidkorpheh F, Babaee Foroutan M, Mahboubi A and Moghimi HR (2023). Fabrication of controlled-release silver nanoparticle poly(lactic acid) microneedles with long-lasting antibacterial activity using a micro-molding solvent-casting technique. *Drug Deliv. Transl. Res.* <https://doi.org/10.1007/s13346-023-01406-8>
2. Zarei Chamgordani N, Asiaei S, Ghorbani-Bidkorpheh F, Babaee Foroutan M, Dahmardehei M and Moghimi HR (2023). A Long-lasting Triamcinolone-Loaded Microneedle Patch for Prolonged Dermal Delivery. *Iran J. Pharm. Res.* [Accepted for publication.](#)
3. Abedin S, Ranjbari J, Haeri A, Vahidi H and Moghimi HR (2023). Design and Characterization of an Osmotic Pump System for Optimal Feeding and pH Control in E. Coli Culture to Increase Biomass. *Iran J. Pharm. Res.* [Accepted for publication.](#)

4. Karami L and Moghimi HR (2023). A mechanistic study on the fluidization and enhancement effects of cineole toward stratum corneum intercellular lamellar lipids: a liquid crystalline model approach. *Iran. J. Pharm. Res.* **22(1)**: e134731. <https://doi.org/10.5812/ijpr-134731>
5. Sayed Tabatabaei M, Kobarfard F, Aboofazeli R, Ramezanpour S and Moghimi HR (2023). Optimized cutaneous delivery of anti-wrinkle dipeptide KT via molecular modification: preformulation, permeation, and the importance of conjugate chain length. *Bioimpacts.* <https://dx.doi.org/10.34172/bi.2023.27558>
6. Hosseini SM, Ghandali E, Moghimi HR, Khademi-Kalantari K, Talebian Moghaddam S, Akbarzadeh Baghban A and Mortazavi SM (2023). A comparative evaluation of aluminum chloride hexahydrate gel iontophoresis versus tap water iontophoresis in people with primary palmar hyperhidrosis: A randomized clinical trial. *Ind. J. Dermatol. Venereol. Leprol.* https://ijdvl.com/content/126/2023/0/1/pdf/IJDVL_975_2022.pdf
7. Sadeghi F, Mahboubi M, Ranjbari J and Moghimi HR (2022). Overcoming vancomycin resistance in enterococcus faecium and increased efficacy in escherichia coli and staphylococcus aureus by cineole, limonene, and eugenol permeation enhancers. *Revista Brasileira de Farmacognosia* (32):1033-1037. <https://doi.org/10.1007/s43450-022-00301-6>
8. Hashemi S, Mortazavi SA, Moghimi HR and Darbasizadeh B (2022). Development and evaluation of a novel methotrexate-loaded electrospun patch to alleviate psoriasis plaques. *Drug Develop. Ind. Pharm.* **48(8)**:355-366. <https://doi.org/10.1080/03639045.2022.2117373>
9. Mortazavi SM and Moghimi HR (2022). Skin permeability, a dismissed necessity for anti-wrinkle peptide performance. *Int. J. Cosmet. Sci.* **44(2)**:232-248 (Review Article). <https://onlinelibrary.wiley.com/doi/10.1111/ics.12770>
10. Salehi N, Mortazavi SM and Moghimi HR (2022). Investigating the Changes in Cream Properties Following Topical Application and Their Influence on the Product Efficiency. *Iran. J. Pharm. Res.* **21 (1)**: e123946. <https://dx.doi.org/10.5812/ijpr.123946>
11. Asghari F, Ghanbari H, Moghimi HR, Takzaree N, Nekounam H, and Faridi-Majidi R (2022). Study on the chemistry, identification and assessment of antioxidant and antibacterial activity of the biologically active constituents from the roots of arnebia euchroma for promising application in nanomedicine and pharmaceutical. *Biointerface. Res. Appl. Chem.* **12(3)**: 3735-3751. <https://doi.org/10.33263/BRIAC123.37353751>
12. Mortazavi SM, Kobarfard F, Manafi A, Maibach HI and Moghimi HR (2021). Terpene conjugation: a novel approach for topical peptide delivery. *J. Cosmet. Sci.* 72(5): 547-556.
13. Hosseini M, Roberts MS, Aboofazeli R and Moghimi HR (2021). Measurement of Hansen solubility parameters of third-degree burn eschar. *Burns.* <https://doi.org/10.1016/j.burns.2021.07.017>
14. Ahangarzadeh S, Moghimi HR, Bandehpour M and Ranjbari J (2021). Acetate kinase a antisense delivery by pamam dendrimer for decreasing acetate production and increasing the production of recombinant albumin in E. coli. *Iran J. Biotechnol.* **19(1)**: 128-135. Article No.: e2617. DOI: 10.30498/IJB.2021.2617; http://www.ijbiotech.com/article_129277.html
15. Najafii-Taher R, Jafarzadeh Kohneloo A, Eslami Farsani V, Mehdizade Rayeni N, Moghimi HR, Ehsani A and Amani A (2021). A topical gel of tea tree oil nanoemulsion containing adapalene versus adapalene marketed gel in patients with acne vulgaris: a randomized clinical trial. *Arch. Dermatol. Res.* <https://doi.org/10.1007/s00403-021-02267-2>
16. Tamizi E, Moghimi HR and Jouyban A (2021). An Overview on Veterinary Drug Residues in Food Products and Guidelines for their Production and Use. *J. Mazandaran Univ. Med. Sci.* **31(196)**: 168-188. <http://jmums.mazums.ac.ir/article-1-16144-en.html>

17. Gorji-Bahri G, Moghimi HR and Hashemi A (2021). RAB5A effect on metastasis of hepatocellular carcinoma cell line via altering the pro-invasive content of exosomes. *Exp. Mol. Pathol.* 120: Article No.: 104632. DOI: 10.1016/j.yexmp.2021.104632; <https://doi.org/10.1016/j.yexmp.2021.104632>
18. Gorji-Bahri G, Moghimi HR and Hashemi A (2021). RAB5A is associated with genes involved in exosome secretion: integration of bioinformatics analysis and experimental validation. *J. Cell. Biochem.* **122(3-4)**: 425-441. DOI: 10.1002/jcb.29871; <https://doi.org/10.1002/jcb.29871>
19. Esmaeili S, Omid-Malayeri S, Hajimehdipour H, Rasekh HR, Moghimi HR, Omid-Malayeri S, Yaraee, R and Jalali Nadoushan MR (2020). The role of lecithin on topical anti-inflammatory activity of turmeric (*Curcuma longa* L.) ointment. *J. Med. Plants* **19(76)**: 89–98. DOI: 10.29252/JMP.19.76.89; <http://jmp.ir/article-1-2860-en.html>
20. Gandomkarzadeh M, Mahboubi A and Moghimi HR (2020). Release behavior, mechanical properties, and antibacterial activity of ciprofloxacin-loaded acrylic bone cement: a mechanistic study. *Drug Dev. Ind. Pharm.* **46(8)**: 1209-1218. DOI: 10.1080/03639045.2020.1788058; <https://doi.org/10.1080/03639045.2020.1788058>
21. Ghandali E, Hosseini SR, Moghimi HR, Khademi K, Talebian S, Akbarzadeh A and Mortazavi SM (2020). Intratester reliability of sympathetic skin responses in subjects with primary palmar hyperhidrosis. *J. Bodyw. Mov. Ther.* **24(4)**: 57-62. DOI: 10.1016/j.jbmt.2020.02.024; <https://www.sciencedirect.com/science/article/abs/pii/S1360859220300474>
22. Gandomkarzadeh M, Moghimi HR and Mahboubi A. (2020). Evaluation of the effect of ciprofloxacin and vancomycin on mechanical properties of pmma cement; a preliminary study on molecular weight. *Sci. Rep.* **10**: AN 3981. DOI: 10.1038/s41598-020-60970-y. <https://doi.org/10.1038/s41598-020-60970-y>
23. Ezzati N, Roberts MS and Moghimi HR (2020). Measurement of hansen solubility parameters of human stratum corneum. *Iran J. Pharm. Res.* **19(8)**: 572-578. DOI: 10.22037/ijpr.2019.112435.13755. http://ijpr.sbm.ac.ir/article_1101228.html
24. Gheisari M, Dadkhafar S, Olamaei E, Moghimi HR, Niknezhad N and Nobari N (2020). The efficacy and safety of topical 5% methimazole versus 4% hydroquinone in the treatment of melasma: a randomized controlled trial. *J. Cosmet. Dermatol.* **19(1)**: 167-172. DOI: 10.1111/jocd.12987. Epub 2019 May 17. <https://doi.org/10.1111/jocd.12987>
25. Akbarzadeh A, Sasanpour P and Moghimi HR (2019). LED photo-polymerization, a novel strategy for triggered. *Iran J. Pharm. Res.* **19(1)**: 260-270. DOI: 10.22037/ijpr.2019.112366.13712. http://ijpr.sbm.ac.ir/article_1101012.html
26. Mortazavi SM, Kobarfard F, Maibach HI, Moghimi HR (2019). Effect of palmitic acid conjugation on physicochemical properties of peptide KTTKS: a preformulation study. *J. Cosmet. Sci.* **70(6)**: 299-312. <https://pubmed.ncbi.nlm.nih.gov/31829923>
27. Fatemian T, Moghimi HR and Chowdhury EH (2019). Intracellular delivery of siRNAs targeting AKT and ERBB2 genes enhances chemosensitization of breast cancer cells in a culture and animal model. *Pharmaceutics* **11(9)**: AN 458 (15 pages). DOI: 10.3390/pharmaceutics11090458. <https://doi.org/10.3390/pharmaceutics11090458>
28. Moghimi HR, Zohdiaghdam R, Riahialam N and Behrouzki Z (2019). The assessment of toxicity characteristics of cellular uptake of paramagnetic nanoparticles as a new magnetic resonance imaging contrast agent. *Iran J. Pharm. Res.* **18(4)**: 2083-2092. DOI: 10.22037/IJPR.2019.1100823. http://ijpr.sbm.ac.ir/article_1100823.html
29. Serri A, Mahboubi A, Zarghi A and Moghimi HR (2018). PAMAM-dendrimer enhanced antibacterial effect of vancomycin hydrochloride against Gram-negative bacteria. *J. Pharm. Pharm. Sci.* **22(1)**: 10-21. DOI: 10.18433/jpps29659. <https://doi.org/10.18433/jpps29659>

30. Gorji-Bahri G, Hashemi A, Moghimi HR (2018). ExomiRs: A novel strategy in cancer diagnosis and therapy. *Curr Gene Ther.* **18(6)**: 336-350. DOI: 10.2174/1566523218666181017163204. <http://dx.doi.org/10.2174/1566523218666181017163204>
31. Dorraj G, Dadashzadeh S, Erfan M and Moghimi HR (2018). Controlled SLN Delivery by Thermoresponsive In-situ Forming Erodible Gels; A Whole-body and Organ Imaging Study. *Curr. Drug Deliv.* **15 (4)**: 510-519. <https://doi.org/10.2174/1567201815666180201093424>
32. Abadi PG-S, Shirazi FH, Joshaghani, M and Moghimi, HR (2018). Ag⁺-promoted zinc oxide [Zn(O):Ag]: A novel structure for safe protection of human skin against UVA radiation. *Toxicol. In Vitro* 50: 318-327. <https://doi.org/10.1016/j.tiv.2018.02.016>
33. Ghaderi-Shekhi Abadi P, Shirazi FH, Joshaghani M and Moghimi HR (2018). Influence of formulation of ZnO nanoblocks containing metallic ions dopants on their cytotoxicity and protective factors: An in vitro study on human skin cells exposed to UVA radiation. *Toxicol. Reports* **5**: 468-79. <https://doi.org/10.1016/j.toxrep.2018.03.001>
34. Serri A, Moghimi HR, Mahboubi A and Zarghi A (2017). Stability-indicating HPLC method for determination of vancomycin hydrochloride in the pharmaceutical dosage forms. *Acta Polon. Pharm. - Drug Res.* **74 (1)**: 73-79. <https://www.ptfarm.pl/wydawnictwa/czasopisma/acta-poloniae-pharmaceutica/110/-/16557>
35. Mahmoudi-Abyane M, Alipour D and Moghimi HR (2017). Effect of using different sources of nitrogen on digestibility and nitrogen balance in Mehraban male lambs. *Animal Prod. Res.* **6 (4)**: 27-38. In Persian. <https://dx.doi.org/10.22124/ar.2018.7628.1219>
36. Narenji M, Talae MR, Moghimi HR (2017). Effect of charge on separation of liposomes upon stagnation. *Iran. J. Pharm. Res.* **16 (2)**: 423-31. http://ijpr.sbmu.ac.ir/article_2050.html
37. Narenji M, Talae MR, Moghimi HR (2017). Effect of bilayer flexibility and medium viscosity on separation of liposomes upon stagnation. *Iran. J. Pharm. Sci.* **13 (1)**: 23-34. <https://dx.doi.org/10.22034/ijps.2017.26643>
38. Shahriari S, Rezaeifard S, Moghimi HR, Khorramizadeh MR, Faghil Z. (2017). Cell membrane and intracellular expression of toll-like receptor 9 (TLR9) in colorectal cancer and breast cancer cell-lines. *Cancer Biomark.* **18 (4)**: 375-380. <https://content.iospress.com/articles/cancer-biomarkers/cbml60260>
39. Sahari MA, Moghimi HR, Hadian Z, Barzegar M, Mohammadi A (2017). Physicochemical properties and antioxidant activity of α -tocopherol loaded nanoliposome's containing DHA and EPA. *Food Chem.* **215**: 157-64. <https://doi.org/10.1016/j.foodchem.2016.07.139>
40. Hemmati M, Najafi F, Shirkoohi R, Moghimi HR, Zarebkohan A, Kazemi B (2016). Synthesis of a novel PEGDGA-coated hPAMAM complex as an efficient and biocompatible gene delivery vector: an in vitro and in vivo study. *Drug Deliv.* **23(8)**: 2956-69. <https://doi.org/10.3109/10717544.2015.1132796>
41. Narenji M, Talae MR, Moghimi HR (2016). Investigating the effects of size, charge, viscosity and bilayer flexibility on liposomal delivery under convective flow. *Int. J. Pharm.* **513(1-2)**:88-96. <https://doi.org/10.1016/j.ijpharm.2016.08.056>
42. Holmes AM, Song Z, Moghimi HR and Roberts MS (2016). Relative penetration of zinc oxide and zinc ions into human skin after application of different zinc oxide formulations. *ACS Nano.* **10 (2)**: 1810-1819. <https://doi.org/10.1021/acsnano.5b04148>
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103. Moghimi HR and Adrangui M. (1997). Effects of vehicle on the percutaneous absorption of chemicals. *Hyg. Cosm. J.* **30**: 123-129. In Persian.
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107. Moghimi HR, Williams AC and Barry BW (1996). A lamellar matrix model for stratum corneum intercellular lipids. I. Characterization and comparison with stratum corneum intercellular structure. *Int. J. Pharm.* **131(2)**:103-115. [https://doi.org/10.1016/0378-5173\(95\)04306-3](https://doi.org/10.1016/0378-5173(95)04306-3)
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Conferences

1. Moghimi HR (2023). Cosmetics and Pharmaceuticals Quality Control- a Comparative Perspective. In: "Panel on the Quality Control in Pharmaceuticals and Cosmetics". The 24th Iran's International Congress of Microbiology, 18-20 September 2023, Tehran, Iran. **Invited speaker and Panel member**
2. Moghimi HR (2023). Abu Reyhan Biruni Research Festival. Tehran, Iran. Member of Technology Transfer Committee.
3. Moghimi HR (2023). Technology transfer, science-based economy and moving toward third-generation universities. Iran University of Medical Sciences, 4-6 March 2023, Tehran, Iran. **Invited speaker.**
4. Moghimi HR (2023). University-industry collaboration and moving toward third-generation universities. Technology Transfer Webinars, Shahid Beheshti University of Medical Sciences, 20 Feb 2023, Tehran, Iran. **Oral presentation.**

5. Moghimi HR (2023). Improved skin delivery of cosmetics by novel drug delivery systems. ICHC Irancosmetica, 14-16 February 2023, Tehran, Iran. **Invited speaker and Panel member.**
6. Moghimi HR (2023). Novel nano-cosmetics. ICHC Irancosmetica, 14-16 February 2023, Tehran, Iran. **Invited speaker and Panel member.**
7. Moghimi HR (2023). Novel approaches in cosmetics quality control. ICHC Irancosmetica, 14-16 February 2023, Tehran, Iran. **Panel member.**
8. Moghimi HR (2023). Cosmetics safety and efficiency. ICHC Irancosmetica, 14-16 February 2023, Tehran, Iran. **Panel member.**
9. Moghimi HR (2023). University-industry collaboration and moving toward third-generation universities. Technology Transfer Webinars, Shahid Beheshti University of Medical Sciences, 4 Jan 2023, Tehran, Iran.
10. Moghimi HR (2022). Moving toward third-generation universities, idea-to-product and entrepreneurship at Shahid Behshti University of Medical Sciences. The School of Allied Medical Sciences, 26 December 2022, Tehran, Iran. **Invited speaker.**
11. Moghimi HR (2022). Technology transfer, science-based economy and moving toward third-generation universities. Shahid Behshti University of Medical Sciences, EDO and Students Affairs, 18 December 2022, Tehran, Iran. **Invited speaker.**
12. Moghimi HR (2022). Moving toward third-generation universities, idea-to-product and entrepreneurship at Shahid Behshti University of Medical Sciences. Neuroscience Research Center, 14 November 2022, Tehran, Iran. **Invited speaker.**
13. Moghimi HR (2022). Experiences on moving toward third-generation universities at Shahid Behshti University of Medical Sciences. Tecnology Transfer and Patemnting Programe, Masih Daneshvari Hospital, Summer 2022. **Invited speaker.**
14. Moghimi HR (2022). Abu Reyhan Biruni Research Festival. December 2022, Tehran, Iran. Member of Technology Transfer Committee.
15. Moghimi HR (2022). Chemical Modification, a feasible approach for transdermal peptide delivery. Iranian Controlled Release Society Conference/Middle East Controlled Release Society Conference (ICRC/MECRC), 9-11 May 2022, Tehran, Iran, **Invited speaker.**
16. Moghimi HR (2022). Novel technologies and approaches in cosmetic products; panel discussion. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Panel director.**
17. Sayed Tabatabaei M, Kobarfard F, Aboofazeli R and Moghimi HR (2022). Investigation of the Pal-KT potential to form lyotropic liquid crystals. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Oral presentation (prize winner).**
18. Zarei Chamgordani N, Babaei Foroutan M, Asiaei S, Ghorbani F and Moghimi HR (2022). Fabrication and characterization of Ag nanoparticle-containing microneedle. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Poster presentation (prize winner).**
19. Moghimi HR (2022). Modified release and long acting cosmetics. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Keynote speaker.**
20. Moghimi HR (2022). Experiences, challenges and solutions of commercialization of science-based products; panel discussion. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Panel director.**
21. Moghimi HR (2022). Experiences on moving toward third-generation universities at Shahid Behshti University of Medical Sciences. 5th International Congress on Pharmacy Updates. 15-18 February 2022, Tehran, Iran. **Invited speaker.**

22. Moghimi HR (2021). Abu Reyhan Biruni Research Festival. December 2021, Tehran, Iran. Member of Technology Transfer Committee.
23. Moghimi HR (2021). Issues on stability assessment of cosmetic products. ICHC Irancosmetica, 7-9 December 2021, Tehran, Iran. **Panel director and Invited speaker.**
24. Moghimi HR (2021). Preformulation studies on palmitoylated peptides; panel discussion. Design and Formulation of Trend Cosmetic Products Conference. 30 June-1 July 2021, Tehran, Iran. **Panel director.**
25. Moghimi HR (2021). Dermal and Transdermal Drug Delivery. Design and Formulation of Trend Cosmetic Products Conference. 30 June-1 July 2021, Tehran, Iran. **Invited speaker.**
26. Moghimi HR (2021). Skin Peptide and Protein Delivery. Design and Formulation of Trend Cosmetic Products Conference. 30 June-1 July 2021, Tehran, Iran. **Invited speaker.**
27. Moghimi HR (2021). Design and Formulation of Trend Cosmetic Products Conference. 30 June-1 July 2021, Tehran, Iran. **Organizer** of “Trend cosmetic Peptides” **Section.**
28. Moghimi HR (2021). An introduction to the role of pharmacists in Iranian pharmaceutical system. The 6th Iran Pharma [6IPH] Exhibition Joint Professional Panel. 11 October 2021, Tehran, Iran. **Panel member and Keynote speaker.**
29. Moghimi HR (2021). Liposomal gene delivery. The 3rd IPharms Annual Congress, 17-18 February 2021, Tehran, Iran. **Invited speaker.**
30. Moghimi HR (2020). Abu Reyhan Biruni Research Festival. December 2020, Tehran, Iran. Member of Technology Transfer Committee.
31. Moghimi HR (2020). The 3rd Idea Market on Foods, Drinks and Nutrition. Iran Polytechnique University, February 2020, Tehran, Iran. **President of Medical Sciences Section.**
32. Moghimi HR (2020). Challenges in university-industry collaboration. Academia-Industry Forum. Academy of Medical Sciences of Iran, 3 February 2020, Tehran, Iran. **Keynote speaker.**
33. Moghimi HR (2019). Abu Reyhan Biruni Research Festival. 22 December 2019, Tehran, Iran. Member of Technology Transfer Committee.
34. Moghimi HR (2019). Panel discussion on university-industry collaboration. ICHC Irancosmetica, 24-26 December 2019, Tehran, Iran. **Panel member.**
35. Moghimi HR (2019). Cosmetics percutaneous absorption; importance, safety and efficiency. ICHC Irancosmetica, 24-26 December 2019, Tehran, Iran. **Invited lecturer.**
36. Moghimi HR (2019). Skin care school, 13-16 December 2019, Tehran, Iran. **Organizer and member of Scientific Committee.**
37. Moghimi HR (2019). Role of pharmacist’s cosmetics presentations. Skin care school, 13-16 December 2019, Tehran, Iran. **Invited lecturer.**
38. Moghimi HR (2019). Skin hydration. Skin care school, 13-16 December 2019, Tehran, Iran. **Invited lecturer.**
39. Moghimi HR (2019). Cosmeceutical compounding. Skin care school, 13-16 December 2019, Tehran, Iran. **Invited lecturer.**
40. Moghimi HR (2019). Role of pharmacists in production, control and dispensing of cosmetics in community pharmacies. 41st Iran National Pharmacists Day Conference, Iranian Pharmacists Association, 26-28 August 2019, Tehran, Iran. **Invited lecturer.**
41. Moghimi HR (2019). Parameters that affect skin permeation and dermatological formulation selection. Pharmaceutical Skin Care Conference, Shahid beheshti Pharmaceutical Sciences Research Center, 9-11 July 2019, Tehran, Iran. **Member of Executive Committee.**

42. Moghimi HR (2019). Parameters that affect skin permeation and dermatological formulation selection. Pharmaceutical Skin Care Conference, Shahid beheshti Pharmaceutical Sciences Research Center, 9-11 July 2019, Tehran, Iran. **Invited lecturer.**
43. Moghimi HR (2019). Application of nanotechnology in cosmetics. Pharmaceutical Skin Care Conference, Shahid beheshti Pharmaceutical Sciences Research Center, 9-11 July 2019, Tehran, Iran. **Invited lecturer.**
44. Moghimi HR (2019). Sunburn, sunscreens and after-suns. Pharmaceutical Skin Care Conference, Shahid beheshti Pharmaceutical Sciences Research Center, 9-11 July 2019, Tehran, Iran. **Invited lecturer.**
45. Moghimi HR (2019). Role of pharmacists in production, control and dispensing of cosmetics. Pharmaceutical Skin Care Conference, Shahid beheshti Pharmaceutical Sciences Research Center, 9-11 July 2019, Tehran, Iran. **Invited lecturer.**
46. Moghimi HR (2019). Novel technologies in health and drug development. The 2nd International Congress on Pharmacy Updates, February 2019, Tehran, Iran. **Keynote speaker and Chair.**
47. Moghimi HR (2019). Moving towards third generation university. The 2nd International Congress on Pharmacy Updates, February 2019, Tehran, Iran. **Keynote speaker and Chair.**
48. Bayat F., Narenji M, Ghaderi P, Moghimi HR (2018). Investigating the effect of particles density on behavior of inorganic nanoparticles under convective flow. 1st International Congress of Chemistry and Nanochemistry; from Research to Technology. 11-12 September 2018, Tehran, Iran. **Oral Presentation.**
49. International Congress of Beauty Industry. 5 November 2018, Tehran, Iran. **Member of Scientific Committee.**
50. Moghimi HR (2018). Transdermal drug delivery. National Iran Pharmacists Day Congress; Role of Pharmacists in Cosmetics Development, Education and Research, Iran Pharmacists Association, 29-31 August 2018, Tehran, Iran. **Keynote speaker.**
51. Moghimi HR (2018). Drug-cosmetics (cosmeceuticals) and role of pharmacists in this area. National Iran Pharmacists Day Congress; Role of Pharmacists in Cosmetics Development, Education and Research, Iran Pharmacists Association, 29-31 August 2018, Tehran, Iran. **Keynote speaker.**
52. Moghimi HR (2018). University-Industry Collaboration. The 3rd National Health Innotech Conference, 5-7 July 2018, Tehran, Iran. **Keynote speaker and member of panel discussion.**
53. Moghimi HR (2018). Challenges in health innovation and technology transfer. The 2nd Congress on Health Innovation and Technology, 12 February 2018, Tehran, Iran. **Keynote speaker and Director.**
54. Moghimi HR (2018). Behavior of nanoparticles in convective flow and its application in nanoparticulate drug delivery system design. The 1st International Congress on Pharmacy Updates, 6-8 February 2018, Tehran, Iran. **Keynote speaker and Chair.**
55. Mortazavi SM, Kobarfard F and Moghimi HR (2018). Synthesis and preformulation studies of KTTKS and Pal-KTTKS as anti-wrinkle peptides. The 1st International Congress on Pharmacy Updates, 6-8 February 2018, Tehran, Iran. **Oral presentation.**
56. Namini N, Mortazavi SM and Moghimi HR (2017). Effect of stabilizer content, phase ratio, buffer type and pH on physicochemical properties of solid lipid nanoparticles (SLN). The 2nd Nanomedicine and Nanosafety Conference, 29-30 November, Tehran, Iran. **Poster presentation.**
57. Najafi-Mosleh S, Mortazavi SM and Moghimi HR (2017). Investigating the effects of applied dose on stability and behavior of topical gels. The 15th Iranian Pharmaceutical Sciences Congress, 17-19 October 2017, Hamedan, Iran. **Poster presentation.**

58. Namini N, Mortazavi SM and Moghimi HR (2017). Influence of buffer, pH and preparation method on physicochemical properties of solid lipid nanoparticles (SLNs). The 15th Iranian Pharmaceutical Sciences Congress, 17-19 October 2017, Hamedan, Iran. **Poster presentation.**
59. Gandomkarzadeh M, Moghimi HR and Mahboubi A (2017). Evaluation and comparison of physicochemical properties of PMMA bone cement containing different amount of vancomycin and studying its release kinetic. The 15th Iranian Pharmaceutical Sciences Congress, 17-19 October 2017, Hamedan, Iran. **Poster presentation.**
60. Salehi N, Mortazavi SM and Moghimi HR (2017). Formulation changes after topical application of creams: a new finding for an ancient system. The 15th Iranian Pharmaceutical Sciences Congress, 17-19 October 2017, Hamedan, Iran. **Poster presentation.**
61. Moghimi HR (2016). Behavior of nanoparticles in convective flow and effects of environmental parameters and physicochemical properties of particles on this phenomenon. The 2nd Iranian Nanomedicine Congress, 27-29 September 2016, Zanjan, Iran. **Keynote speaker.**
62. Moghimi HR (2016). Novel drug delivery systems. The 15nd Annual Congress of Iranian Pharmaceutical Society, 24-26 August 2016, Tehran, Iran. **Keynote speaker.**
63. Moghimi HR (2015). Pharmaceutics in Iran, from the dawn of Persian Civilization till the modern era. 14th Iranian Pharmaceutical Sciences Congress, 21-24 December 2015, Tehran, Iran. **Keynote speaker.**
64. Ghaffari A and Moghimi HR (2015). Investigating the effects of combination of therapeutic ultra sound and nano ultra-deformable liposome on clindamycin phosphate absorption through third-degree burn eschar. 14th Iranian Pharmaceutical Sciences Congress, 21-24 December 2015, Tehran, Iran. **Oral presentation.**
65. Baharvand P, Varshochian R and Moghimi HR (2015). Formulation and characterization of thermoresponsive poloxamer/HPMC *in situ* forming gel for ocular delivery of diclofenac Sodium. 14th Iranian Pharmaceutical Sciences Congress, 21-24 December 2015, Tehran, Iran. **Poster presentation.**
66. Narenji M, Talaei MR and Moghimi HR (2015). Investigating the behavior of nanoparticles in convective flow; effect of charge. 14th Iranian Pharmaceutical Sciences Congress, 21-24 December 2015, Tehran, Iran. **Oral presentation.**
67. Roberts MS and Moghimi HR (2015). Imaging. Asian Nano Forum Conference International Nano School, 1-3 March 2015, Tehran, Iran. **Invited joint lecture and discussion.**
68. Roberts MS, Zhang Q, Williams DB, Grice JE, Moghimi HR, Abd E, Liu X, Yousef S and Sanchez W (2015). Drug delivery to the human skin – state-of-the-art and future perspective. 4th Galenus Workshop on “Drug Delivery to Human Skin”, Saarland University and Helmholtz Institute for Pharmaceutical Research Saarland (HIPS), Saarbrücken, Germany, 25– 27 February 2015. **Oral presentation.**
69. Moghimi HR (2015). Cosmetic Nanoparticles. Asian Nano Forum Conference International Nano School, 1-3 March 2015, Tehran, Iran. **Invited Lecture.**
70. Alinaghi A, Rouini MR, Johari-Daha F and Moghimi HR (2015). Impact of hydrogel-embedded liposomes characteristics on peritoneal retention in mice. Asian Nano Forum Conference, 8-11 March 2015, Kish, Iran. **Poster presentation.**
71. Dorraj G and Moghimi HR (2015). SLN-loaded in-situ forming thermo-responsive poloxamer gel as a novel approach for prolonged nanoparticle delivery; characterization and in-vivo distribution. Asian Nano Forum Conference, 8-11 March 2015, Kish, Iran. **Oral presentation.**
72. Narenji M, Talaei MR and Moghimi HR (2015). Investigating the behavior of nanoparticles in convective flow; the effects of nanoparticle type. Asian Nano Forum Conference, 8-11 March 2015, Kish, Iran. **Poster presentation.**

73. Narenji M, Ghohestani R, Hamidzadeh N, Barikbin B, Khamesipour A, Toossi P and Moghimi HR (2015). Liposomal paromomycin as an effective method for treating cutaneous leishmaniasis. Asian Nano Forum Conference, 8-11 March 2015, Kish, Iran. **Poster presentation.**
74. Moghimi HR (2014). Pharmacists and Pharmaceutical Industry. In: "Scientific Talks in the Field of Pharmacy". Pharmaceutical Sciences Research Center, November 2014, Tehran, Iran. **Keynote speaker.**
75. Zamani Z, Alipour D, Moghimi HR, Mortazavi SA and Saffary M (2014). The effects of encapsulated and free thymol on plasma glucose concentration and rumen protozoal population. The 6th Iranian Congress on Veterinary Sciences, 27-28 September 2014, Tabriz, Iran. **Poster presentation.**
76. Alinaghi A, Moghimi HR, Johari Daha F and Rouini MR (2014). Characterization of Hydrogel Embedded Liposomes: Influence of Formulation Properties on Peritoneal Retention. 5th FIP Pharmaceutical Sciences World Congress, 13-16 April 2014, Melbourne, Australia. **Poster presentation.**
77. Dorraj G, Moghimi HR (2013). Biodistribution of solid-lipid Nanoparticles (SLN) incorporated into insitu forming system. Personalized Medicine and Individualized Drug Delivery Conference, 11-14 June 2013, Vancouver, Canada. **Poster presentation.**
78. Baharvand P, Varshochian R, Soheilian M, Moghimi HR (2013). Thermosensitive poloxamer/chitosan in-situ forming gel containing diclofenac sodium intended for ocular inflammation treatments. 12th International PAT (Polymers for Advanced Technologies) Conference, 29 September-2 October 2013, Berlin, Germany. **Poster presentation.**
79. Hadian Z, Sahari MA, Moghimi HR, Barzegar M, Abbasi S (2013). Preparation, characterization and optimization of liposomes containing eicosapentaenoic and docosahexaenoic acids: a methodology approach. 104th AOCS Annual Meeting and Expo, 28 April-1 May 2013, Montreal, Canada. **Poster presentation.**
80. Alinaghi A, Moghimi HR, Johari-Daha F and Rouini MR (2012). In vivo study of a novel formulation of liposomal hydrogel for prolonged delivery of liposomes. FIP Congress, 3-8 October 2012, Amsterdam, the Netherlands. **Poster presentation.**
81. Riyahi Alam N, Azizian G, Haghgoo S, Zohdiaghdam R, Moghimi HR (2012). Different coating impacts on cell uptake: using Gd-based nanomagnetic particles. World Molecular Imaging Congress, 5-8 September 2012, Dublin, Ireland. **Poster presentation.**
82. Moghimi HR (2012). Pharmaceutics in Iranian traditional medicine. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Keynote speaker.**
83. Zohdiaghdam R, Riyahi-Alam N, Moghimi HR, Haghgoo S, Azizian G, Alinaghi A, Ghanaati H, Gorji E, Rafiei B (2012). Development of a new lipidic nanoparticle probe using Gd₂O₃-DEG encapsulated in liposomes for molecular MRI. Mpattech Nanotech Conference, 2-4 July 2012, Alvor, Portugal. **Poster presentation.**
84. Zohdiaghdam R, Riyahi-Alam N, Moghimi HR, Haghgoo S, Azizian G, Alinaghi A, Gorji E (2012). Development of paramagnetic liposomes based on gadolinium oxide nanoparticles: in vitro study. World Congress on Medical Physics and Biomedical Engineering. 26-31 May 2012, Beijing, China. **Oral presentation.**
85. Ghaffari A and Moghimi H (2012). Clindamycin phosphate absorption from nano-liposomes through third-degree burn eschar. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Poster presentation.**

86. Alinaghi A, Moghimi H, Johari Daha F and Rouini M (2012). Development of a novel in-situ forming liposomal hydrogel to release intact liposomes in mice. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Oral presentation.**
87. Dorraj G and Moghimi H (2012). Preparation and characterization of solid lipid nanoparticle (SLN) – containing poloxamer gel. The 13th Iranian Pharmaceutical Sciences Congress 3-6 September 2012, Isfahan, Iran. **Poster presentation.**
88. Ghaffari L, Dorraj G, Aboofazeli R and Moghimi H (2012). Preparation and stability evaluation of urea-loaded solid lipid nanoparticles for topical application. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Poster presentation.**
89. Daei Hamed M, Ghaffari A and Moghimi H (2012). The effects of age, gender and anatomical site on the barrier properties of third-degree burn eschar toward hydrophilic and lipophilic drugs. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Poster presentation.**
90. Basami B, Ghaffari A and Moghimi H (2012). Effect of hydration methods on hydration level of human third-degree burn eschar. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Poster presentation.**
91. Hadian Z, Sahari M, Moghimi H, Barzegar M, Abbasi S and Ghaffari A (2012). Preparation, characterization and optimization of liposomes containing eicosapentaenoic and docosahexaenoic acids; a methodology approach. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Poster presentation.**
92. Moghimi H (2012). Drug penetration through the skin. The 12th Annual Congress of Iranian Society of Dermatology, 9-11 May 2012, Tehran, Iran. **Keynote speaker.**
93. Zohdi Aghdam R, Riyahi Alam N, Moghimi HR, Haghgoo S, Alinaghi A, Azizian G (2011). Introduction of a new MRI contrast agent to enhance detection in liver cancer [in mice]. The 1st National Congress on Bio-Electromagnetism, 30 November-1 December 2011, Qazvin, Iran. **Poster presentation.**
94. Zohdi Aghdam R, Riyahi Alam N, Moghimi HR, Haghgoo S, Vaezzadeh S A., Alinaghi A, Azizian G (2011). Introduction of a new MRI contrast agent to enhance detection. The 1st MEFOMP International Conference of Medical Physics, 2-4 November 2011, Shiraz, Iran. **Poster presentation.**
95. Saffari M, Moghimi HR, Shirazi F (2011). Enhancement of cationic liposome gene delivery by liposomal cineole. The 5th Iranian Controlled Release Conference (ICRC), 4-6 October 2011, Mashhad, Iran. **Oral presentation.**
96. Moghimi HR, Ghaffari A (2011). Enhancement effect of ultrasound on permeation of clindamycin phosphate through third-degree burn eschar. The 5th Iranian Controlled Release Conference (ICRC), 4-6 October 2011, Mashhad, Iran. **Oral presentation.**
97. Movassaghian S, Moghimi HR (2011). Preclinical challenges for characterization of cancer nanoparticles. The 5th Iranian Controlled Release Conference (ICRC), 4-6 October 2011, Mashhad, Iran. **Poster presentation.**
98. Ghaffari A, Moghimi HR (2011). Enhancement effect of iontophoresis on permeation of neutral drug model through third-degree burn eschar. The 5th Iranian Controlled Release Conference (ICRC), 4-6 October 2011, Mashhad, Iran. **Poster presentation.**
99. Moghimi HR (2010). Drug absorption through injured skin. 12th Iranian Pharmaceutical Sciences Congress. 2-5 August 2010, Zanjan, Iran. **Keynote speaker.**
100. Movassaghian S, Shirazi F, Moghimi HR (2010). Improvement of encapsulation of antisense oligonucleotides in lipid vesicles using PAMAM dendrimer. FIP Pharmaceutical Conference. November 14-18, New Orleans, USA. **Poster Presentation.**

101. Ghaffari A, Manafi A and Moghimi HR (2010). Enhancement effect of hydration on permeation of a lipophilic model compound through third-degree burn eschar. 12th Iranian Pharmaceutical Sciences Congress. 2-5 August 2010, Zanjan, Iran. **Oral presentation.**
102. Saffari M, Moghimi HR, Shirazi F (2010). Investigating the enhancement effect of limonene toward liposomal gene delivery. 12th Iranian Pharmaceutical Sciences Congress. 2-5 August 2010, Zanjan, Iran. **Oral presentation.**
103. Varshochian R, Moghimi HR, Kobarfard F and Erfan M (2010). Novel usage of dendrimers in reduction of percutaneous absorption of toxic chemicals. 12th Iranian Pharmaceutical Sciences Congress. 2-5 August 2010, Zanjan, Iran. **Oral presentation.**
104. Saffari M, Moghimi HR, Shirazi F (2010). Enhancement of Liposomal Gene delivery by Isopropyl Myristate as a Bilayer Fluidizer. 3rd Iranian Conference on Application of Nanotechnology in Medicine and Biomedical Sciences. Iran University of Medical Sciences, 23-25 February, Tehran, Iran. **Oral presentation.**
105. Movassaghian S, Shirazi F, Moghimi HR (2010). The use of PAMAM dendrimers in the efficient transfer of genetic material into Lung cancer cells. 3rd Iranian Conference on Application of Nanotechnology in Medicine and Biomedical Sciences. Iran University of Medical Sciences, 23-25 February 2010, Tehran, Iran. **Poster presentation.**
106. Tamaddon AM, Shirazi F-H and Moghimi HR (2008). Endosomal membrane-modeling vesicles simulates nucleic acid release from encapsulating cationic liposomes. 14th International Pharmaceutical Technology Symposium, 6-10 September, Antalya, Turkey. **Poster presentation.**
107. Golkar N, Tamaddon AM, Moghimi HR and Shirazi F (2008). Factorial-design optimization of chromatographic conditions for analysis of antisense drug. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster presentation.**
108. Jamali B, Moghimi HR and Farahmand S (2008). Improving depilatory efficiency of thioglycolate-containing cream by hydration and thermal energy. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster presentation.**
109. Tabandeh H, Moghimi HR and Hafez Aghili M (2008). Formulation and stability control of dimenhydrinate syrup. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster presentation.**
110. Sharif Makhmalzadeh B and Moghimi HR (2008) The enhancement effect of oleic acid on the penetration of lipophilic and hydrophilic drugs across 3rd-degree burn eschar. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster presentation.**
111. Khoshakhlagh P, Golshahi A and Moghimi HR (2008). Effect of polymorphism on physicochemical properties of sertraline hydrochloride tablets. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster Presentation.**
112. Astaneh R, Erfan M and Moghimi HR (Feb. 2-4, 2007). Alternative choice for reduction of hysterectomy in uterine fibroids. Women Malignancies Congress, Cancer Research Center, Shahid Beheshti Medical University, Tehran, Iran.
113. Tamaddon AM, Shirazi F, Malvy C and Moghimi HR (2007). Enhancement of intracellular delivery and antisense efficiency of cationic liposome entrapped oligodeoxynucleotide by lipid bilay-destabilizing agents. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Oral prsentation.**
114. Tamaddon AM, Golkar G and Moghimi HR (2007). Mathematical modeling of cellular pharmacokinetic of antisense oligodeoxynucleotide loaded cationic liposomes. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Oral presentation.**

115. Mortazavi SA, Moghimi HR and Mehravaran N (2007). The influence of various mucoadhesive polymers on invitro performance of the resulting artificial saliva spray. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Poster presentation.**
116. Nazari P, Abolhassani FS, Haeri A, Rabiei S and Moghimi HR (2007). Dermal and transdermal oligonucleotide delivery. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Poster presentation.**
117. Astaneh R, Moghimi HR, Erfan M and Mobedi H and (July 22-26, 2006). Formulation of an injectable implant for peptide delivery: effect of polymer molecular weight on release, erosion and morphology behavior. 33rd Annual Meeting of the Controlled Release Society, Vienna, Austria. **Poster presentation.**
118. Tamaddon AM, Shirazi F and Moghimi HR (Aug. 21-24, 2006). Preparation and characterization of antisense oligonucleotide encapsulated in a pH-sensitive Stealth liposome. 10th Iranian Pharmaceutical Sciences Conference, Tehran, Iran. **Oral presentation.**
119. Mehravaran N, Moghimi HR and Mortazavi SA (Aug. 21-24, 2006). Formulation and evaluation of extent of mucoadhesion of a formulated artificial saliva spray. 10th Iranian Pharmaceutical Sciences Conference, Tehran, Iran. **Poster presentation.**
120. Moghimi HR, Erfan M and Haeri A (Aug. 21-24, 2006). Prevention of percutaneous absorption of nicotine by interacting polymers. 10th Iranian Pharmaceutical Sciences Conference, Tehran, Iran. **Poster presentation.**
121. Mortazavi SA and Moghimi HR (Aug. 21-24, 2006). The influence of various pharmaceutical solvents on the adhesive strength of well-known mucoadhesive polymers. 10th Iranian Pharmaceutical Sciences Conference, Tehran, Iran. **Poster presentation.**
122. Moghimi HR, Erfan M, Haeri A and Alinaghi A (Aug. 21-24, 2006). Studying permeation of nitrofurazone through rat skin. 10th Iranian Pharmaceutical Sciences Conference, Tehran, Iran. **Poster presentation.**
123. Moghimi HR, Alinaghi A and Erfan M (4-6 Sept., 2006). Microwave, a novel percutaneous absorption enhancement method. British Pharmaceutical Conference, Manchester, UK. **Poster presentation.**
124. Moghimi HR, Haeri A and Erfan M (4-6 Sept., 2006). Prevention of percutaneous absorption of nicotine by an interacting polymer. British Pharmaceutical Conference, Manchester, UK. **Poster presentation.**
125. Mehravaran N, Mortazavi SA and Moghimi HR (Dec. 2006). Formulation and evaluation of physicochemical and mucoadhesive properties of artificial saliva containing polymers. The 12th Seminar of Iranian Pharmacy Students, Sari, Iran. **Poster presentation.**
126. Astaneh R, Erfan M, Mobedi H and Moghimi HR, (May 30-June 2, 2005). Preparation of an injectable implant for peptide delivery: effect of polymer molecular weight on its release behavior. 8th Annual Symposium of Canadian Society of Pharmaceutical Sciences, Toronto, Canada. **Poster presentation.**
127. Tamaddon AM, Hoseini Shirazi F and Moghimi HR (June 20-22, 2005). DODAP liposomal delivery of antisense oligonucleotide to tumor cells. 4th Eurengethy International Conference, Paris, France. **Poster presentation.**
128. Moghimi H, Zarghi A and Noorani N (March 15-18, 2004). Stereoselective permeation of tretinoin and isotretinoin through enhancer-treated rat skin. International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Nuremberg, Germany. **Poster presentation.**
129. Mortazavi SA and Moghimi, HR (March 15-18, 2004). Effect of poloxamer 407, SLS and cetyl pyridinium chloride on the in vitro mucosa-adhesion of some cellulose-based polymers.

International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Nuremberg, Germany. **Poster presentation.**

130. Moghimi H (Aug. 23-26, 2004). Novel molecular and bulk transdermal drug delivery: microneedles, high velocity systems, iontophoresis and sonophoresis. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Keynote speaker.**
131. Moghimi H and Hajimehdipour H (Aug. 23-26, 2004). Enhancement of iontophoretic permeation of nitroglycerin (model uncharged drug) through cellulose acetate membrane by charged micelles. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Oral presentation.**
132. Tamaddon A. M., Hoseini-Shirazi F., and Moghimi HR (Aug. 23-26, 2004). Optimizing transfection of A549 cell line (lung cancer) antisense oligonucleotide-containing cationic liposomes. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Oral presentation.**
133. Tamaddon AM, Moghimi HR, Hoseini-Shirazi F, and Kobarfard F (Aug. 23-26, 2004). Ion pairing-reversed phase HPLC method validation for separation and quantification of an antisense oligonucleotide. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Oral presentation.**
134. Farahmand S and Moghimi H (Aug. 23-26, 2004). Novel cosmetic delivery systems. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Poster presentation.**
135. Astaneh R, Erfan M, Mobedi H and Moghimi H (Aug. 23-26, 2004). Formulation of an injectable implant for peptide delivery and studying the effect of polymer molecular weight on its release behaviour. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Poster presentation.**
136. Moghimi H, Shahmir B and Zarghi A (Sept. 27-29, 2004). Permeation of curcumin (turmeric pigment) through enhancer-treated rat skin. British Pharmaceutical Conference, Manchester, UK. **Poster presentation.**
137. Moghimi H, Shahmir B and Zarghi A (Oct. 4-7, 2004). Enhancement of percutaneous absorption of curcumin (turmeric pigment) by ethanol. 2nd International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Oral presentation.**
138. Moghimi H (Feb. 26-27, 2003). Transdermal delivery of peptides, proteins and nucleotides. 1st National Conference on Novel Drug Delivery Systems, Tehran, Iran. **Keynote speaker.**
139. Moghimi H, Vandertol-Vanier H and Allen T. M. (Feb. 26-27, 2003). Delivery of c-myc antisense oligodeoxynucleotide to human B-cell lymphoma via CD19-targeted immunoliposomes. 1st National Conference on Novel Drug Delivery Systems, Tehran, Iran. **Oral presentation.**
140. Mortazavi SA, Moghimi HR and Yaseri M (Feb. 26-27, 2003). An investigation into the effect of various surfactants on the adhesive strength of the mucoadhesive polymer Carbopol 934. 1st National Conference on Novel Drug Delivery Systems, Tehran, Iran. **Poster presentation.**
141. Mortazavi SA, Moghimi HR and Hakimi M (Feb. 26-27, 2003). A study on the effect of some hydroxyl group containing solvents used in pharmaceutical formulations on the adhesive strength of the mucoadhesive polymer sodium carboxymethyl cellulose. 1st National Conference on Novel Drug Delivery Systems, Tehran, Iran. **Poster presentation.**
142. Tamaddon AM, Sharif-Makhmal Zadeh B and Moghimi HR (Sept. 29-Oct. 1, 2003). 1st EUFEPS Conference on Optimizing Drug Delivery and Formulation: New Challenges in Drug Delivery, Versailles, France. **Poster presentation.**
143. Moghimi HR and Shakerinejad A (April 2000). Retardation effects of β -cyclodextrin and polyethylene glycols on percutaneous absorption of nicotine. 7th International Conference of Perspectives in Percutaneous Penetration, La Grande Motte, France. **Poster presentation.**

144. Moghimi HR (Nov. 2000). Application and mechanism of action of terpenes as skin penetration enhancers. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Keynote speaker.**
145. Sharifi H, Farahvash MJ, Moghimi HR, Akbari H, Darabi M and Kashanian M (Nov. 2000). Study of the effect of an ointment prepared from the essence of Myrtle and Geranium on the symptoms of hemorrhoid and comparing the results with other antihemorrhoid ointments available in the market. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Poster presentation.**
146. Moghimi HR, Zarghi A and Shahmir B (Nov. 2000). Studying the percutaneous absorption of curcumin through rat skin. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Poster presentation.**
147. Jesmani F, Moghimi HR and Vahidi H (Nov. 2000). Studying the antifungal activity of Cinnamon aqueous extract and optimization of the extraction method by co-solvents. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. Poster presentation, **Prize winner poster.**
148. Moghimi HR (Nov. 2000). Formulation of medicinal plants and natural products. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Keynote speaker.**
149. Moghimi HR, Radfar M and Vatanpour H (Sept. 1999). Comparison of permeation of sodium and diethylammonium diclofenac salts through rat skin from different vehicles. 136th British Pharmaceutical Conference, Cardiff, UK. **Poster presentation.**
150. Moghimi HR and Hajimehdipour H (Sept. 1999). Enhancement of iontophoretic percutaneous absorption of uncharged drugs by charged micelles. 136th British Pharmaceutical Conference, Cardiff, UK. **Poster presentation.**
151. Aboofazeli R, Moghimi HR and Naeili R (Dec. 1999). In vitro release studying of an amino acid containing liposomal formulation. 4th International Conference of Liposome Advances, London, UK. **Poster presentation.**
152. Moghimi HR, Manafi A and Ghorraishi SA (Dec. 1999). Comparison of the effects of honey and silver sulfadiazine in the treatment of rat third-degree burn wound. 51st Indian Pharmaceutical Congress, Indore, India. **Poster presentation.**
153. Moghimi HR and Shakerinejad A (Sept. 1998). Retardation effects of β -cyclodextrin and polyethylene glycol 1540 on percutaneous absorption of nitroglycerin. 6th International Conference of Perspectives in Percutaneous Penetration, Leiden, The Netherlands. **Poster presentation.**
154. Moghimi HR, Manafi A and Hashemlou A (Sept. 1998). Effects of water and other enhancers on the permeation of drugs through burn eschar. 6th International Conference of Perspectives in Percutaneous Penetration, Leiden, The Netherlands. **Poster presentation.**
155. Moghimi HR and Shahrabi A (Dec. 1998). Increasing the iontophoretic permeation of drugs through stratum corneum intercellular lipids by chemical enhancers. 50th Indian Pharmaceutical Congress and 17th Asian Congress of Pharmaceutical Sciences, Mumbai, India. **Poster presentation.**
156. Moghimi HR, Williams AC and Barry BW (Aug. 1997). Effects of terpene penetration enhancers on the release of fluorouracil and oestradiol from a model for the stratum corneum lipids. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Oral presentation.**
157. Moghimi HR, Talaii F and Adrangui M (Aug. 1997). Effects of pH on passive and iontophoretic permeation of phenylalanine through cellulose acetate membrane. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Poster presentation.**

158. Adrangui M, Moghimi HR and Fotouhi M (Aug. 1997). Effects of diffusion cell dimensions on the medicament release from semisolid bases. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Poster presentation.**
159. Moghimi HR, Bagherpour F and Adrangui M (Aug. 1997). Effects of vehicles on the percutaneous absorption of indomethacin. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Poster presentation.**
160. Mortazavi SA and Moghimi HR (Aug. 1997). In-vitro comparison of beta-blocker tablets in the country's [Iranian] drug market. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Poster presentation.**
161. Moghimi HR, Pirae M and Shahrabi A (Aug. 1997). Optimization of iontophoretic absorption of sodium diclofenac through snake skin using chemical enhancers. 5th Iranian Conference of Pharmaceutical Sciences, Tehran, Iran. **Oral presentation.**
162. Moghimi HR, Williams AC and Barry BW (Sept. 1997). Effect of sodium lauryl sulphate and dimethyl sulphoxide on the permeation of 5-fluorouracil through a stratum corneum intercellular model. 134th British Pharmaceutical Conference, Scarborough, UK. **Poster presentation.**
163. Moghimi HR, Williams AC and Barry BW (Sept. 1997). Effects of terpenes on the solubility of 5-fluorouracil in lipid bilayers; correlation with skin penetration enhancement. 134th British Pharmaceutical Conference, Scarborough, UK. **Poster presentation.**
164. Moghimi HR and Adrangui M (Oct. 1997). Effects of vehicles on the percutaneous absorption of chemicals. 3rd International Seminar on Hygienic and Cosmetic Industries, Tehran, Iran. **Oral presentation.**
165. Adrangui M, Moghimi HR and Fotouhi Gavvani M (Nov. 1995). Effects of geometric parameters on the medicament release from semisolid bases. 2nd Iranian Congress of Physiology and Pharmacology, Tehran, Iran. **Poster presentation.**
166. Moghimi HR, Williams AC and Barry BW (Dec. 1994). Effect of 1,8-cineole on 5-fluorouracil and oestradiol release from a model lamellar matrix for stratum corneum intercellular lipids. 2nd Annual Conference of Iranian Pharmacy Postgraduate Students in UK, Manchester, UK. **Oral presentation.**
167. Moghimi HR, Williams AC and Barry BW (Nov. 1994). Effect of 1,8-cineole on 5-fluorouracil release from a model lamellar matrix for stratum corneum intercellular lipids. 9th Annual Conference of American Association of Pharmaceutical Scientists, San Diego, USA. **Poster presentation.**
168. Pirae M, Moghimi HR and Adrangui M (Sept. 1994). Application of iontophoresis in percutaneous absorption of amphoteric compounds. 1st International Student Congress of Medical Sciences, Izmir, Turkey. **Oral presentation.**
169. Barry BW, Moghimi HR and Williams AC (Nov. 1993). Kinetics of 5-fluorouracil release from enhancer-modified matrix model of stratum corneum lipids. 8th Annual Conference of American Association of Pharmaceutical Scientists, Orlando, USA. **Poster presentation.**
170. Moghimi HR, Williams AC and Barry BW (Sept. 1993). A matrix model for stratum corneum lipids and its evaluation in drug release studies. 130th British Pharmaceutical Conference, Reading, UK. **Oral presentation.**
171. Adrangui M and Moghimi HR (Dec. 1989). Effect of vehicles on the percutaneous absorption of nitroglycerin. 1st Iranian Seminar of Industrial Pharmacy, Tehran, Iran. **Oral presentation.**

Some Complementary Courses and Certificates

- Innovations in Medical Sciences Educations. 30 November 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

- Scientific Mentorship. 30 November 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- How to Establish a Science-Based Company. 13 January 2015, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Ethics in Research; Contemporary Issues and Your Responsibilities. 19 September 2013, University of Adelaide, Adelaide, Australia.
- Supervising at UniSA. 3 December 2013, University of South Australia, Adelaide, Australia.
- Operation, Safety and Application of Ultracentrifuge. 15 November 2013, University of South Australia, Adelaide, Australia.
- Multiphoton Fluorescence Lifetime Imaging. 28 November 2013, University of South Australia, Adelaide, Australia.
- Learnonline; Moodle 2.5 Workshop. 6 December 2013, University of South Australia, Adelaide, Australia.
- Professional Certificate in Academic Practice; Research at UniSA. 9 December 2013, University of South Australia, Adelaide, Australia.
- Regression Analysis. 5-6 February 2008, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Assessment of Student Performance. 11-12 July 2004, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- The Care and Use of the Laboratory Mouse. 18 January 2002, University of Alberta, Edmonton, Canada.
- The Care and Use of Animals in Research. 30 January 2002, University of Alberta, Edmonton, Canada.
- Radiation Safety Course. 7-12 February 2002, University of Alberta, Edmonton, Canada.
- Biosafety Course. 3-7 June 2002, University of Alberta, Edmonton, Canada.
- Teaching Methods. 14 May 1999, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Curriculum Planning, February 18, 1996, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Manuscript Preparation and Publication. 17-19 January 1996, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Academic Writing Course. 15-17 June 1992, University of Bradford, Bradford, UK.
- Research Methodology. 15-22 November 1990, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Other Experiences and Positions

- More than 50 grants at national and international levels including FDA (USA), WHO and one from Alna@Pharm (Germany).
- Collaboration as reviewer with different national and international pharmaceutical journals including: *International Journal of Pharmaceutics*, *Journal of Controlled Release*, *Pharmaceutical Research*, *Biomaterials* and etc.
- Collaboration as book reviewer with Michigan Publishing, USA.
- Member of National Board of Pharmaceutics, Iran.

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- Member of National Board of Medical Nanotechnology, Iran.
 - Member of Board of Iranian Society of Pharmaceutical Scientists
 - Managing Director of Sobhan-Darou Pharmaceutical Company, Iran (part-time) (2004-2008).
 - Head of Pharmaceutical Sciences Research Centre, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2002-2005).
 - Technology Affairs Director, Shahid Beheshti University of Medical Sciences, Tehran, Iran (Since January 2017).
 - Formulation consultant to different pharmaceutical companies in Iran.
 - Supervision of more than 120 PharmD, MSc and PhD thesis in different fields of pharmaceutics and pharmaceutical nanotechnology.
 - Consultant to “Food and Drug Organization” of Ministry of Health and Medical Education, Iran, in the areas of cosmetics, nanotechnology and technology transfer.

Editorial Board Membership

- Co-founder and member of Editorial Board, *Irn. J. Pharm. Res.*
- Member of Editorial Board, *Trends Pept. Protein Sci.*
- Member of Editorial Board, *Pharm. Sci.*
- Member of Editorial Board, *Jundishapur J. Nat. Pharm. Prod.*
- Member of Editorial Board, *Irn. J. Pharm. Sci.*
- Member of Editorial Board, *World J. Plastic Surg.*
