

Hamidreza MOGHIMI,
PharmD, PhD, Professor of Pharmaceutics

Gender: Male

Date of Birth: 09 April 1962

Place of Birth: Abarkooh, Iran

Affiliation: Department of Pharmaceutics and Nanotechnology, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Valiasr Ave., Niayesh Junction, PO Box: 14155-6153, Tehran, Iran. **Tel.:** (+98) 21 88665317 **Fax:** (+98) 21 8820 9620

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Educational Details

Sabbatical-Visiting Academic (Apr. 2013- Apr. 2014)

Project: Transdermal drug delivery mechanisms

Place: School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, Australia.

Supervisor: Professor MS Roberts

Sabbatical-Visiting Academic (Jan. 2002-Dec. 2002)

Project: Formulation and characterization of antisense oligodeoxynucleotides-containing cationic immunoliposomes and uptake and cytotoxicity studies on human lymphoma cells.

Place: Department of Pharmacology, School of Medicine and Dentistry, University of Alberta, Edmonton, Canada.

Supervisor: Professor TM Allen

PhD in Pharmaceutics (Jan. 1992 – Jul. 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 BW Barry and Professor AC Williams

Doctor of Pharmacy (PharmD) (Oct. 1984 - Oct. 1989):

From: School of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.

Average: 18.4 out of 20; the highest in the country among the students graduated in 1989-1990 academic year and was awarded by the Iranian Ministry of Health with a 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 M Adrangui

Complementary Courses and Certificates

- The Care and Use of the Laboratory Mouse, January 18, 2002, University of Alberta, Edmonton, Canada.
- The Care and Use of Animals in Research, January 30, 2002, University of Alberta, Edmonton, Canada.
- Radiation Safety Course, February 7-12, 2002, University of Alberta, Edmonton, Canada; completed with a written exam with the final mark of 98%.
- Biosafety Course, June 3-7, 2002, University of Alberta, Edmonton, Canada; completed with a written exam with the final mark of 98%.
- Regression Analysis, February 5-6, 2008, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Assessment of Student Performance, July 11-12, 2004, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Teaching Methods, May 14, 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, January 17-19, 1996, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Academic Writing Course, June 15-17, 1992, University of Bradford, Bradford, UK.
- Research Methodology, November 15-22, 1990, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Professional Experiences

- **Full-time permanent Job**
Academic Staff (Nov. 1989-Present): Department of Pharmaceutics and Nanotechnology, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Valiasr Ave., Niayesh Junction, PO Box: 14155-6153, Tehran, Iran.
Current Rank: Professor of Pharmaceutics.
- **Part-time Job**
Managing Director (Nov. 2004 – Nov. 2008): Sobhan-Darou Pharmaceutical Company, Tehran, Iran.
Note: This was a part-time job that overlapped with my academic profession (No. 1 above).
- **Temporary Paid Contract (Jul. 2002 - Dec. 2002); During Sabbatical**
Department of Pharmacology, School of Medicine and Dentistry, University of Alberta, Edmonton, Canada.

Other Experiences, Positions or Opportunities

- Collaboration as reviewer with different international pharmaceutical journals including: *International Journal of Pharmaceutics*, *Journal of Controlled Release* and *Biomaterials* (All from Elsevier).
- Member of National Board of Pharmaceutics, Iran.
- Member of National Board of 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).
- Formulation consultant to different pharmaceutical companies in Iran.
- Invited by School of Pharmacy, University of Bradford (UK) (1995) for fellowship in transdermal drug delivery. I did not attend because I was not able to get permission to leave from Shahid Beheshti University of Medical Sciences (Iran).
- 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.
- Supervision of more than 60 PharmD, MSc and PhD thesis in different fields of pharmaceutics.

Awards

- 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.
- 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.
- 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 1996-1997.
- Selected 'Distinguished Scientist' by 'The Hygienic and Cosmetic Magazine', Iran, 1996.
- Chosen as the "Top Researcher of the Year" by Research Council of Shahid Beheshti University of Medical Sciences, 2004.
- 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, 2007.

Research Interests and Activities

- Transdermal drug delivery
- Barrier performance of intact and damaged skin (burn and infections)
- Enhancement and retardation of drugs through biological barriers
- Modeling permeation of drugs through biological barriers (mainly transdermal)
- Structure-permeability-relationship studies
- Gene delivery in cancer
- Nanoparticles (liposomes, dendrimers and SLN)
- Lyotropic liquid crystals
- Pharmacokinetic of nanoparticles; extending their duration of action
- Cellular drug uptake
- Veterinary pharmaceuticals

Teaching Activities and Experiences

- **Physical pharmacy:** diffusion, release, permeation and solubility phenomena, liquid crystals, thermal analysis and complexation.
- **Drug Delivery Systems (DDS):** controlled-release DDS (concept, design and economical aspects), liposomes, transdermal DDS, emulsions, solid-lipid nanoparticles and preformulation studies
- **Cosmetics:** different skin care products
- **Biopharmacy:** biological barriers (structure and models), absorption phenomenon (basics, transdermal, oral, nasal, pulmonary and cellular), absorption enhancement and inhibition.
- **Pharmaceutical processing:** mixing, milling, filtration and drying.

Editorial Board Membership

- Member of Editorial Board, *Irn. J. Pharm. Res.*, Iran (In English). (2003-)
- Member of Editorial Board, *Pharm. Sci.* Iran (In Persian). (2003-)
- Member of Editorial Board, *Jundishapur J. Nat. Pharm. Prod.*, Iran (In English). (2008-)
- Member of Editorial Board, *Irn. J. Pharm. Sci.*, Iran (In English). (2011-)
- Member of Editorial Board, *World J. Plastic Surg.*, Iran (2011-).
- Member of Editorial Board, *Irn. Nanomed. J.*, Iran (to be published).

Publications

A. Patents

1. Inventors: Erfan, M., Moghimi, H. R., Haeri, A., Jafarzade-Kashi, T. S. and Jafarzade, F. (20 Sep. 2012). Poly(cpp-sa) anhydride as a reactive barrier matrix against percutaneous absorption of toxic chemicals. *US Patent*. Publication No.: US 2012/0237471 A1.

B. Books

1. Moghimi, H. R., Shafizade, A. and Kamlinejad, M. (2011). Drug Delivery Systems in Iranian Traditional Pharmacy; types, ingredients, preparation and biopharmaceutics. (In Persian). Traditional Medicine and Materia Medica Research Center, SBMU, Tehran, Iran.

C. Book Chapters

1. Moghimi, H. R. and Alinaghi, A. (2013). Microwave as a skin permeation enhancement method. In: "Chemical Methods in Penetration Enhancement (Dragicevic-Curic, N. and Maibach, H. I., Eds.), Springer-Verlag, Heidelberg, In Press.
2. Kuswahyuning, R., Grice, J. E., Moghimi, H. R. and Roberts, M. S. (2013). Formulation effects in percutaneous absorption. In: "Chemical Methods in Penetration Enhancement (Dragicevic-Curic, N. and Maibach, H. I., Eds.), Springer-Verlag, Heidelberg, In Press.
3. Moghimi, H. R., Barry, B. W. and Williams, A. C. (1999). Stratum corneum and barrier performance; a model lamellar structural approach. In: "Percutaneous Absorption (Bronaugh, R. L. and Maibach, H. I., Eds.), 3rd Edn., Marcel Dekker, Inc., New York, 515-553.

D. Full Papers

1. Samiei, N., Shafaati, A., Zarghi, A., Moghimi, H. R. and Foroutan, S. M. (2014). Enhancement and in vitro evaluation of amifostine permeation through artificial membrane (PAMPA) via ion pairing approach and mechanistic selection of its optimal counter ion. *Eur. J. Pharm. Sci.* **51**: 218-223.
2. Alinaghi, A., Rouini, M. R., Johari Daha, F. and Moghimi, H. R. (2014). The influence of lipid composition and surface charge on biodistribution of intact liposomes releasing from hydrogel-embedded vesicles. *Int. J. Pharm.* **459**: 30-39.
3. Krishnan, G., Roberts, M. S., Grice, J., Anissimov, Y., Moghimi, H. R. and Benson, H. A. E. (2014). Iontophoretic skin permeation of peptides: an investigation into the influence of molecular properties, iontophoretic conditions and formulation parameters. *Drug Deliv. Transl. Res.*, **4**: 222-232..
4. Saffari, M., Tamaddon, A. M., Shirazi, F. H., Oghabian, M. A. and Moghimi, H. R. (2013). Improving cellular uptake and in vivo tumor suppression efficacy of liposomal oligonucleotides by urea as a chemical penetration enhancer. *J. Gene Med.* **15(1)**: 12-19.
5. Alinaghi, A., Rouini, M. R., Johari Daha, F. and Moghimi, H. R. (2013). Hydrogel-embedded vesicles, as a novel approach for prolonged release and delivery of liposome, in vitro and in vivo. *J. Liposome Res.* **23(3)**: 235-43.
6. Movassaghian, S., Moghimi, H. R., Shirazi, F. H., Koshkaryev, A., Trivedi, M. S. and Torchilin, V. P. (2013). Efficient down-regulation of PKC- α gene expression in A549 lung

- cancer cells mediated by antisense oligodeoxynucleotides in dendrosomes. *Int. J. Pharm.* **441**: 82-91.
7. Zohdiaghdam, R., Riyahi-Alam, N., Moghimi, H. R., Haghgoo, S., Alinaghi, A., Azizian, G., Ghanaati, H., Gorji, E., Rafiei, B. (2013). Development of a novel lipidic nanoparticle probe using liposomal encapsulated Gd₂O₃-DEG for molecular MRI. *J. Microencapsul.* 30(7): 613-623.
 8. Saffari, M., Shirazi, F., Oghabian, M. A. and Moghimi, H. R. (2013). Preparation and in-vitro evaluation of an antisense-containing cationic liposome against non-small cell lung cancer; a comparative preparation study. *Iran. J. Pharm. Res.* 12 (Especial Issue.): 3-10.
 9. Moghimi, H. R., Jamali, B., Farahmand, S. and Shafaghi, B. (2013). Effect of essential oils, hydrating agents and ethanol on hair removal efficiency of thioglycolates. *J. Cosm. Dermatol.* **12**: 41-48.
 10. Ghaffari, A., Manafi, A. and Moghimi, H. R. (2013). Enhancement effect of trypsin on permeation of clindamycin phosphate through third-degree burn eschar. *Iran. J. Pharm. Res.* **12 (1)**: 3-8.
 11. Hadian, Z., Sahari, M. A., Moghimi, H. R., Barzegar, M., Abbasi, S. (2013). Preparation and characterization of nanoliposomes containing docosahexaenoic and eicosapentaenoic acids by extrusion and probe sonication [In Persian + English Abstract]. *Iran J. Nutr. Sci. Food Technol.* **8(1)**: 219-230.
 12. Azizian, G., Riyahi-Alam, N., Haghgoo, S., Moghimi, H. R., Zohdiaghdam, R., Rafiei, B. and Gorji, E. (2012). Synthesis route and three different core-shell impacts on magnetic characterization of gadolinium oxide-based nanoparticles as new contrast agents for molecular magnetic resonance imaging. *Nanoscale Res. Lett.* **7 (1)**: 549-559.
 13. Ghaffari, A., Moghimi, H. R., Manafi, A. and Hosseini, H. (2012). A mechanistic study on the effect of ethanol and importance of water on permeation of drugs through human third-degree burn eschar. *Int. Wound J.* **9 (2)**: 221-229.
 14. Movassaghian, S., Moghimi, H. R., Shirazi, F. and Torchilin, V. (2011). Dendrosome-dendriplex inside liposomes – as a gene delivery system. *J. Drug Target.* **19**: 925-32.
 15. Abolmaali, S. S., Tamaddon, A. M., Farvadi, S. S., Daneshamuz, S. and Moghimi, H. R. (2011). Pharmaceutical nanoemulsions and their potential topical and transdermal applications [Review]. *Iran J. Pharm. Sci.* **7(3)**: 139-150.
 16. Moghimi, H. R., Alinaghi, A. and Erfan, M. (2010). Investigating the potential of non-thermal microwave as a novel skin penetration enhancement method. *Int. J. Pharm.* **401**: 47-50.
 17. Moghimi, H. R., Varshochian, R., Kobarfard, F. and Erfan, M. (2010). Reduction of percutaneous absorption of toxic chemicals by dendrimers. *Cutan. Ocul. Toxicol.* **29 (1)**: 34-40.
 18. Zadeh, B. S. M., Moghimi, H., Santos, P., Hadgraft, J., Lane, M. E. and Rahim, F. (2010). Formulation of microemulsion system for improvement of nitrofurazone permeation through silicon membrane as burn wound imitating coverage. *Int. J. Pharmacol.* **6 (3)**: 264-270.

19. Bahrami, M. H., Rayegani, S. M., Azhari, A., Moghimi, H. R., Valaei, N., Elyaspour, D., and Bayat, M. (2010). The efficacy of lidocaine-H ointment in prevention of the pain associated with EMG- needling. *Pejouhesh dar Pezeshki* **34 (3)**: 152-156
20. Moghimi, H. (2009). Veterinary pharmacy, a dismissed necessity. *Irn. J. Pharm. Res.* **8**: 227-229.
21. Moghimi, H. R., Makhmalzadeh, B. S. and Manafi, A. (2009). Enhancement effect of terpenes on silver sulphadiazine permeation through third-degree burn eschar. *Burns* **35**: 1165-1170.
22. Moghimi, H. R. and Manafi, A. (2009). The necessity for enhancing of drugs absorption through burn eschar. *Burns* **35**: 902-904.
23. Astaneh, R., Erfan, M., Moghimi, H. R. and Mobedi, H. (2009). Changes in morphology of in situ forming PLGA implant prepared by different polymer molecular weight and its effect on release behavior. *J. Pharm. Sci.* **98**: 135-145.
24. Mehravaran, N., Moghimi, H. R. and Mortazavi, S. A. (2009). The influence of various mucoadhesive polymers on in vitro performance of the resulting artificial saliva pump spray formulations. *Irn. J. Pharm Res.* **8 (1)**: 3-13.
25. Ghaffari, A., Avadi, M. R., Moghimi, H. R., Oskoui, M., Bayati, K. and Rafiee-Tehrani, M. (2008). Mechanistic analysis of drug release from theophylline pellets coated by film containing pectin, chitosan and Eudragit® RS. *Drug Dev. Ind. Pharm.* **34**: 390-402.
26. Manafi, A., Hashemlou, A., Momeni, P. and Moghimi, H. R. (2008). Enhancing drugs absorption through third-degree burn wound eschar. *Burns* **34**: 698-702.
27. Astaneh, R., Erfan, M., Barzin, J., Mobedi, H., Moghimi, H. R. (2008). Effects of ethyl benzoate on performance, morphology, and erosion of PLGA implants formed in situ. *Adv. Polym. Technol.* **27**: 17-26.
28. Makhmal Zadeh, B. S., Moghimi, H. R., Santos, P., Hadgraft, J. and Lane, M. E. (2008). A comparative study of the in vitro permeation characteristic of silver sulfadiazine across synthetic membranes and eschar tissue. *Int. Wound J.* **5**: 633-638.
29. Tamaddon, A. M., Shirazi, F. and Moghimi, H. R. (2007). Modeling cytoplasmic release of encapsulated oligonucleotides from cationic liposomes. *Int. J. Pharm.* **336**: 174-182
30. Tamaddon, A. M., Shirazi, F. and Moghimi, H. R. (2007). Preparation of oligonucleotides encapsulated cationic liposomes and release study with models of cellular membranes. *Daru*, **15**: 61-70.
31. Astaneh, R., Moghimi, H. R., Erfan, M. and Mobedi, H. (2006). Formulation of an injectable implant for peptide delivery and mechanistic study of the effect of polymer molecular weight on its release behavior. *Daru*, **14 (2)**: 65-70.
32. Sharif Makhmal Zadeh, B. and Moghimi, H. R. (2006). Effect of hydration on barrier performance of third-degree burn eschar. *Irn. J. Pharm Res.* **5 (3)**: 155-161.
33. Moghimi, H. R. and Momajjad, A. (2005). An in-vitro iontophoretic permeation study of nicotine through rat skin. *Irn. J. Pharm Res.*, **4**: 213-219.
34. Mortazavi, S. A. and Moghimi, H. R. (2004). The effect of hydroxyl containing tablet excipients on the adhesive duration of some mucoadhesive polymers. *Daru*, **12**: 11-17.

35. Moghimi, H., Noorani, N. and Zarghi, A. (2004). Stereoselective permeation of tretinoin and isotretinoin through enhancer-treated rat skin. II. Effects lipophilic penetration enhancers. *Irn. J. Pharm Res.*, **3**: 17-22.
36. Mortazavi, S. A. and Moghimi, H. R. (2004). Effect of surfactants on the mucoadhesion properties of polycarbophyl solid compacts. *Pharm. Sci.* (Journal of Faculty of Pharmacy, Tabriz, Iran).
37. Avadi, M. R., Ghasemi, A. H., Mir Mohammad Sadeghi, A., Erfan, M., Akbarzadeh, A., Moghimi, H. R. and Rafiee-Tehrani, M. (2004). Preparation and characterization of theophylline-chitosan beads as an approach to colon delivery. *Irn. J. Pharm Res.*, **3**: 73-80.
38. Moghimi, H., Zarghi, A. and Noorani, N. (2003). Stereoselective permeation of tretinoin and isotretinoin through enhancer-treated rat skin. I. Effect of ethanol and sodium dodecyl sulfate. *Irn. J. Pharm Res.*, **2**: 127-133.
39. Mortazavi, S. A. and Moghimi, H. R. (2003). Effect of surfactant type and concentration on the duration of mucoadhesion of Carbopol 934 and HPMC solid compacts. *Irn. J. Pharm Res.*, **2**: 191-199.
40. Moghimi, H. (2003). Moving toward application-oriented research system. *Irn. J. Pharm Res.*, **2**: 189-190.
41. Mortazavi, S. A. and Moghimi, H. R. (2001). An in vitro efficacy assessment of a formulated sublingual nitroglycerin spray and it's comparison with a similar foreign brand. *Hakim (Iran)*, **4**: 126-134.
42. Moghimi, H. R., Talaie, F. and Adarangi, M. (2000). Studying the effects of pH and molecular charge on the passive and iontophoretic permeation of L-phenylalanine through cellulose acetate membrane. *Physiol. Pharmacol. (Iran)*, **3**: 153-161.
43. Moghimi, H. R., Piraei, M. and Adrangui, M. (1999). Effects of pH and charge on passive and iontophoretic permeation of L-tryptophan through rat skin. *Pejouhandeh (Iran)*, **14**: 179-185.
44. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1998). Enhancement by terpenes of 5-fluorouracil permeation through the stratum corneum: model solvent approach. *J. Pharm. Pharmacol.*, **50**:955-964.
45. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1997). A lamellar matrix model for stratum corneum intercellular lipids. V. Effects of terpene penetration enhancers on the structure and thermal behavior of the matrix. *Int. J. Pharm.*, **146**:41-54.
46. Moghimi, H. R. and Adrangui, M. (1997). Effects of vehicle on the percutaneous absorption of chemicals. *Hyg. Cosm. J. (Iran)*, **30**:123-129.
47. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1996). A lamellar matrix model for stratum corneum intercellular lipids. IV. Effects of terpene penetration enhancers on the permeation of 5-fluorouracil and oestradiol through the matrix. *Int. J. Pharm.*, **145**:49-59.
48. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1996). A lamellar matrix model for stratum corneum intercellular lipids. III. Effects of terpene penetration enhancers on the release of 5-fluorouracil and oestradiol from the matrix. *Int. J. Pharm.*, **145**:37-47.

49. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1996). A lamellar matrix model for stratum corneum intercellular lipids. II. Effect of geometry of the stratum corneum on permeation of model drugs 5-fluorouracil and oestradiol. *Int. J. Pharm.*, **131**:117-129.
50. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1996). A lamellar matrix model for stratum corneum intercellular lipids. I. Characterization and comparison with stratum corneum intercellular structure. *Int. J. Pharm.*, **131**:103-115.
51. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1994). Modeling the stratum corneum intercellular lipids: thermal analysis and diffusion of oestradiol. *Pharm. Res. Bull. (Univ. Bradford, UK)*, **2**:41-44.
52. Moghimi, H. R., Williams, A. C. and Barry, B. W. (1993). A matrix model for stratum corneum lipids. *Pharm. Res. Bull. (Univ. Bradford, UK)*, **1**:65-68.

Conferences

1. Dorraj, G., Moghimi, H. R. (2013). Biodistribution of solid-lipid Nanoparticles (SLN) incorporated into insitu forming system. Personalized Medicine and Individualized Drug Therapy Conference, 11-14 June 2013, Vancouver, Canada. **Poster presentation.**
2. Baharvand, P., Varshochian, R., Soheilian, M., Moghimi, H. R. (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.**
3. Hadian, Z., Sahari, M. A., Moghimi, H. R., 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.**
4. Riyahi Alam, N., Azizian, G., Haghgoo, S., Zohdiaghdam, R., Moghimi, H. R. (2012). Different coating impacts on cell uptake: using Gd-based nanomagnetic particles. World Molecular Imaging Congress, 5-8 September 2012, Dublin, Ireland. **Poster presentation.**
5. Moghimi, H. R. (2012). Pharmaceuticals in Iranian traditional medicine. The 13th Iranian Pharmaceutical Sciences Congress, 3-6 September 2012, Isfahan, Iran. **Keynote speaker.**
6. Zohdiaghdam, R., Riyahi-Alam, N., Moghimi, H. R., 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.
7. Zohdiaghdam, R., Riyahi-Alam, N., Moghimi, H. R., 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.**
8. 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.**

9. 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.**
10. 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.**
11. 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.**
12. 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.**
13. 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.**
14. 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.**
15. 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.**
16. Zohdi Aghdam, R, Riyahi Alam, N., Moghimi, H. R., 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.
17. Zohdi Aghdam, R, Riyahi Alam, N., Moghimi, H. R., 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.**
18. Saffari, M., Moghimi, H. R., 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.**
19. Moghimi, H. R., 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.**
20. Movassaghian, S., Moghimi H. R. (2011). Preclinical challenges for characterization of cancer nanoparticles. The 5th Iranian Controlled Release Conference (ICRC), 4-6 October 2011, Mashhad, Iran. **Poster presentation.**
21. Ghaffari, A., Moghimi, H. R. (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.**

22. Moghimi, H. R. (2010). Drug absorption through injured skin. 12th Iranian Pharmaceutical Sciences Congress. 2-5 August 2010, Zanjan, Iran. **Keynote speaker.**
23. Movassaghian, S., Shirazi, F., Moghimi H. R. (2010). Improvement of encapsulation of antisense oligonucleotides in lipid vesicles using PAMAM dendrimer. FIP Pharmaceutical Conference. November 14-18, New Orleans, USA. **Poster Presentation.**
24. Ghaffari, A., Manafi, A. and Moghimi, H. R. (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.**
25. Saffari, M., Moghimi, H. R., 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.**
26. Varshochian, R., Moghimi, H. R., 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.**
27. Saffari, M., Moghimi, H. R., 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.**
28. Movassaghian, S., Shirazi, F., Moghimi H. R. (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.**
29. Tamaddon, A. M., Shirazi, F.-H. and Moghimi H. R. (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.**
30. Golkar, N., Tamaddon, A. M., Moghimi H. R. 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.**
31. Jamali, B., Moghimi, H. R. 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.**
32. Tabandeh, H., Moghimi H. R. 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.**
33. Sharif Makhmalzadeh, B. and Moghimi H. R. (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.**
34. Khoshakhlagh, P., Golshahi, A. and Moghimi, H. R. (2008). Effect of polymorphism on physicochemical properties of sertraline hydrochloride tablets. The 11th Iranian Pharmaceutical Sciences Conference, 18-21 August, Kerman, Iran. **Poster Presentation.**

35. Astaneh, R., Erfan, M. and Moghimi, H. R. (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.
36. Tamaddon, A. M., Shirazi, F., Malvy, C. and Moghimi, H. R. (2007). Enhancement of intracellular delivery and antisense efficiency of cationic liposome entrapped oligodeoxynucleotide by lipid bilayer-destabilizing agents. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Oral Presentation.**
37. Tamaddon, A. M., Golkar, G. and Moghimi, H. R. (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.**
38. Mortazavi, S. A., Moghimi, H. R. 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.**
39. Nazari, P., Abolhassani, F. S., Haeri, A., Rabiei, S. and Moghimi, H. R. (2007). Dermal and transdermal oligonucleotide delivery. 3rd Iranian Conference of Novel Drug Delivery Systems, 21-22 June, Tehran, Iran. **Poster Presentation.**
40. Astaneh, R., Moghimi, H. R., 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.**
41. Tamaddon, A. M., Shirazi, F. and Moghimi, H. R. (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.**
42. Mehravaran, N., Moghimi, H. R. and Mortazavi, S. A. (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.**
43. Moghimi, H. R., 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.**
44. Mortazavi, S. A. and Moghimi, H. R. (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.**
45. Moghimi, H. R., 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.**
46. Moghimi, H. R., Alinaghy, A. and Erfan, M (4-6 Sept., 2006). Microwave, a novel percutaneous absorption enhancement method. British Pharmaceutical Conference, Manchester, UK. **Poster presentation.**

47. Moghimi, H. R., 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.**
48. Mehravaran, N, Mortazavi, S. A. and Moghimi, H. R. (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.**
49. Astaneh, R., Erfan, M., Mobedi, H. and Moghimi, H. R. (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.**
50. Tamaddon, A. M., Hoseini Shirazi, F. and Moghimi, H. R. (June 20-22, 2005). DODAP liposomal delivery of antisense oligonucleotide to tumor cells. 4th Euregenethy International Conference, Paris, France. **Poster Presentation.**
51. 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.**
52. Mortazavi, S. A. and Moghimi, H. R. (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.**
53. 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.**
54. 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.**
55. Tamaddon A. M., Hoseini-Shirazi, F., and Moghimi, H. R. (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.**
56. Tamaddon A. M., Moghimi, H. R., 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.**
57. Farahmand, S. and Moghimi, H. (Aug. 23-26, 2004). Novel cosmetic delivery systems. 9th Iranian Seminar of Pharmaceutical Sciences, Tabriz, Iran. **Poster presentation.**
58. 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.**

59. 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.**
60. 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.**
61. 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.**
62. 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.**
63. Mortazavi, S. A., Moghimi, H. R. 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.**
64. Mortazavi, S. A., Moghimi, H. R. 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.**
65. Tamaddon, A. M., Sharif-Makhmal Zadeh, B. and Moghimi, H. R. (Sept. 29-Oct. 1, 2003). 1st EUFEPS Conference on Optimizing Drug Delivery and Formulation: New Challenges in Drug Delivery, Versailles, France. **Poster presentation.**
66. Moghimi, H. R. 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.**
67. Moghimi, H. R. (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.**
68. Sharifi, H., Farahvash, M. J., Moghimi, H. R., 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.**
69. Moghimi, H. R., 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.**
70. Jesmani, F., Moghimi, H. R. 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, **Prizewinner poster.**

71. Moghimi, H. R. (Nov. 2000). Formulation of medicinal plants and natural products. 1st International Congress on Traditional Medicine and Materia Medica, Tehran, Iran. **Keynote speaker.**
72. Moghimi, H. R., 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.**
73. Moghimi, H. R. and Hajimehdipour, H. (Sept. 1999). Enhancement of iontophoretic percutaneous absorption of uncharged drugs by charged micelles. 136th British Pharmaceutical Conference, Cardiff, UK. **Poster presentation.**
74. Aboofazeli, R., Moghimi, H. R. 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.**
75. Moghimi, H. R., Manafi, A. and Ghoraishi, S. A. (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.**
76. Moghimi, H. R. 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.**
77. Moghimi, H. R., 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.**
78. Moghimi, H. R. 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.**
79. Moghimi, H. R., Williams, A. C. and Barry, B. W. (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.**
80. Moghimi, H. R., 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.**
81. Adrangui, M., Moghimi, H. R. 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.**
82. Moghimi, H. R., 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.**
83. Mortazavi, S. A. and Moghimi, H. R. (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.**

84. Moghimi, H. R., 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.**
85. Moghimi, H. R., Williams, A. C. and Barry, B. W. (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.**
86. Moghimi, H. R., Williams, A. C. and Barry, B. W. (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.**
87. Moghimi, H. R. 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.**
88. Adrangui, M., Moghimi, H. R. and Fotouhi Gavgani, 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.**
89. Moghimi, H. R., Williams, A. C. and Barry, B. W. (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.**
90. Moghimi, H. R., Williams, A. C. and Barry, B. W. (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.**
91. Pirae, M., Moghimi, H. R. 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.**
92. Barry, B. W., Moghimi, H. R. and Williams, A. C. (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.**
93. Moghimi, H. R., Williams, A. C. and Barry, B. W. (Sept. 1993). A matrix model for stratum corneum lipids and its evaluation in drug release studies. 130th British Pharmaceutical Conference, Reading, UK. **Oral presentation.**
94. Adrangui, M. and Moghimi, H. R. (Dec. 1989). Effect of vehicles on the percutaneous absorption of nitroglycerin. 1st Iranian Seminar of Industrial Pharmacy, Tehran, Iran. **Oral presentation.**

References

1. Professor Brian W. Barry, The School of Pharmacy, University of Bradford, Bradford, West Yorkshire, BD7 1DP, England. E-mail: b.w.barry@bradford.ac.uk
2. Professor Adrian C. Williams, The School of Pharmacy, University of Reading, PO Box 224, Whiteknights, Reading, RG6 6AD, England. Tel: (+44)-118-378-6169; e-mail: a.c.williams@reading.ac.uk
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