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20/06/2016 :at Updated

und Educational Background

1992-96 (Ph.D. in Pharmaceutics), Department of Pharmacy, King's College London, University of London, UK; Supervisors: Professor Gary P. Martin and Professor Christopher Marriott.

1976-83 (Pharm.D.) School of Pharmacy, Ferdowsy University of Mashhad (presently "Mashhad University of Medical Sciences"), Mashhad, I.R. Iran. The final two years (1981-1983) including the thesis at the Faculty of Pharmacy, Tehran University of Medical Sciences; Supervisor: Professor Ayenehchi.

Research Interests

1. Investigation of the effect of drugs and excipients on biological membranes
2. Preparation and characterization of drug loaded microspheres and nanospheres

3. Investigation of physico-chemical properties and absorption enhancing effects of pla
4. Mucosal delivery of peptides and proteins e.g. Cyclosporine, Insulin and protein anti
5. Isolation and purification of mucin glycoproteins from various mucosal surfaces and effects of drugs and excipients on mucus rheology and structure

Publications

A- International Journals:

1. **Sajadi Tabassi S. A.**, Martin G.P., Marriott C. (2001) the effects of polysorbate surf structure of mucus glycoproteins. DARU, 9 (1&2), 6-11.
2. **Sajadi Tabassi S.A.**, Razavi N. (2003) Preparation and characterization of albumin encapsulated with propranolol HCl. DARU, 11(4), 137-141.
3. Tafaghodi, M., **Sajadi Tabassi, S.A.**, Jaafari, M.R. (2004) Evaluation of the clearance of various microspheres in the human nose by gamma-scintigraphy. Int J. Pharm., 280,
4. M. Tafaghodi, **M. R. Jaafari, S. A. Sajadi**, J. Samuel, M. Diwan (2004) Utilization of immunomodulating adjuvants for enhancement of immune response against tumor markers. Ir. J. Basic Med. Sci., 6(4), 278-285.
5. **Sajadi Tabassi S.A.**, Hosseinzadeh H., Ramezani M., Moghimipour E., Mohajeri S.A.

Isolation, characterization and study of enhancing effects on nasal absorption of insulin in rat saponin from *Acanthophyllum squarrosum*. Current Drug Delivery, 3 (4), 399-404

1. Moghimipour E., Jalali A., **Sajadi Tabassi S.A.**, Loebenberg R. (2004) The enhancing effects of glycocholate and sodium salicylate on rat's gastrointestinal permeability to insulin. J. Pharm. Res., 3(2), 87-91.
2. M. TAFAGHODI, **S. A. SAJADI TABASI**, M. R. JAAFARI (2006) Formulation, characterization and in-vitro studies of alginate microspheres encapsulated with tetanus toxoid. J. Biomater. Sci. Polym. Ed., 18(8), 909-924.
3. Malaekheh-Nikouei B., **Sajadi tabassi S.A.**, Jaafari M.R. (2006) The effect of different concentrations on characteristics of microspheres encapsulated with Cyclosporine A. Current Drug Delivery, 3(4), 343-349.
4. Bizhan Malaekheh-Nikouei, **Sayyed A. Sajadi Tabassi**, Mahmoud R. Jaafari, Nigel M. (2007) Preparation and characterization of PLGA microspheres loaded with cyclosporine-cyclosporin complex., Iranian Journal of Pharmaceutical Sciences, 1(4): 191-198.
5. Tafaghodi, M., **Sajadi Tabassi, S.A.**, Jaafari, M.R. (2006) Induction of systemic and mucosal immune responses by intranasal administration of alginate microspheres encapsulated with CpG-ODN. International Journal of Pharmaceutics 319, 37-43.
6. Mohsen Tafaghodi, Sayyed A Sajadi Tabassi, Nafiseh Amiri (2008) PLGA Nanosphere Encapsulated Autoclaved Leishmania Major (ALM) and CPG-ODN: Preparation and in-vitro Characterization. Basic Med. Sci., 11(2), 112-119.
7. Mohsen Tafaghodi, Mahmood-Reza Jaafari, **Sayyed Abolghasem Sajadi Tabassi** (2008) Immunization Studies by Cationic, Fusogenic and Cationic-fusogenic Liposomes Encapsulated Tetanus Toxoid. Current Drug Del., 5, 108-113
8. Bizhan Malaekheh-Nikouei, **Sayyed A. Sajadi Tabassi**, Mahmoud R. Jaafari (2007) Preparation, characterization and mucoadhesive evaluation of chitosan coated liposomes containing Cyclosporin A. Saudi Pharmaceutical Journal, 15 (3-4), 176-182
9. Malaekheh-Nikouei B., Sajadi S. A., Jaafari M. R. (2008), Preparation, characterization

- mucoadhesive properties of chitosan coated microspheres encapsulated with cyclosporine A. *Journal of Pharmaceutical Development and Industrial Pharmacy*, **34**, **5**, 492-498.
10. Mohsen Tafaghodi, **S. Abolghasem Sajadi Tabassi**, Maria Kharazizadeh (2008) Preparation and characterization of PLGA nanospheres encapsulated with autoclaved *Leishmania major* Quillaja saponin. *Saudi Pharmaceutical Journal*, 16 (1), 43-49.
 11. **S. Abolghasem Sajadi Tabassi**, Mohsen Tafaghodi, Mahmoud Reza Jaafari (2008) Evaluation of antitoxin titers against tetanus toxoid in rabbits by intranasal immunization with dextrans-coated microspheres, *International Journal of Pharmaceutics*, 360, 12-17.
 12. Bizhan Malaekheh-Nikouei , Mahmoud R. Jaafari, **Sayyed A. Sajadi Tabassi** , Afshin Ghahramani (2009) Enhancement of immunosuppressive effects of cyclosporine A on human T-cells using poly(lactide-co-glycolide) liposomes. *Colloids and Surfaces B: Biointerfaces*, 67, 238-244.
 13. N. Khadem, **S. A. Sajadi Tabassi**, N. Ghomian, F. Eftekharzadeh (2008) Comparison of the efficacy of Clotrimazole with Clotrimazole in the Treatment of Recurrent or Resistant Vulvovaginitis Caused by Different Species of Candida. *Iranian Journal of Medical Sciences (IJMS)*, Vol 33, No 4, 226-230.
 14. P. Ebrahimnejad, **S. A. Sajadi Tabassi**, M. R. Jaafari, F. Atyabi, F. Ramezani Gharaei (2009) Preparation and characterization of poly lactide-co-glycolide nanoparticles of SN-38. *Journal of Pharmaceutical Science and Technology*, vol. 63 no. 6, 512-520.
 15. Bizhan Malaekheh-Nikouei, **Sayyed A. Sajadi Tabassi**, Hossein Ashari, Ali Gholamzadeh (2009) Evaluation the effect of cyclodextrin complexation on aqueous solubility of fluorometholone in ophthalmic solution. *J Incl Phenom Macrocycl Chem*, 65, 335-340.
 16. P. Ebrahimnejad, R. Dinarvand, **S. A. Sajadi Tabassi**, M. R. Jaafari, F. Atyabi (2009) Validation of an ion-pair HPLC chromatography for simultaneous determination of lactone and carboxylate forms of SN-38 in nanoparticles. *Journal of food and drug analysis*, 17 (4), 303-308.
 17. Pedram Ebrahimnejad, [Rassoul Dinarvand](#), [Abolghasem Sajadi](#), [Mahmoud Reza Jaafari](#), [Nomani](#), [Ebrahim Azizi](#), [Mazda Rad-Malekshahi](#), [Fatemeh Atyabia](#) (2010) Preparation and evaluation of actively targetable nanoparticles for SN-38 delivery against HT29 cell line. *Nanomedicine, Nanotechnology, Biology and Medicine*, Volume 6, Issue 3, June 2010, 303-308.
 18. Pedram Ebrahimnejad, Rassoul Dinarvand, Mahmoud Reza Jaafari, **Sayed Abolghasem Sajadi Tabassi**, Fatemeh Atyabi (2010) Characterization, blood profile and biodistribution of PLGA nanoparticles of SN-38. *International Journal of Pharmaceutics*, 390, 1-12.
 19. Bizhan Malaekheh-Nikouei, **Sayyed A. Sajadi Tabassi**, Golar Gerayeli, Mehran Arash Gholamzadeh (2012) The effect of cyclodextrin mixtures on aqueous solubility of benzydolone dipropionate. *J Incl Phenom Macrocycl Chem* (2012) 72:383-387
 20. Eskandar Moghimipour, **Sayyed Abolghasem Sajadi Tabassi**, Maryam Kouchak (2012) Combination Strategies for Enhancing Transdermal Absorption of Theophylline through Snake Skin. *Asian Journal of Pharmaceutical and Clinical Research*, 5(2), 30-34
 21. **Sayyed Abolghasem Sajadi Tabassi**, Seyedeh Vida Hashemi, Seyed Ahmad Mohajeri (2012) [Dummy template molecularly imprinted polymer for omeprazole and the study of its release properties](#). *Journal of Applied Polymer Science*, Volume 130, Issue 6, December 2012, Pages: 4165-4170 (IF=1.64).
 22. Elham Khodaverdi, Farnaz Sadat Mirzazadeh Tekie, Farzin Hadizadeh, Haydar Esmaili, Mohajeri, **Sayyed A. Sajadi Tabassi** and Gholamhossein Zohuri (2013) Hydrogels of Cyclodextrin Inclusion Complexes with PLGA-PEG-PLGA Triblock Copolymers as Drug Carriers. *AAPS PharmSciTech*, 15 (1), 177-188 (IF=1.584).
 23. **Sayyed A. Sajadi Tabassi**, Farnaz Sadat Mirzazadeh Tekie, Farzin Hadizadeh, Rahmatollah Khodaverdi, Seyed Ahmad Mohajeri (2014) Sustained release drug delivery using su-

- hydrogels of the triblock copolymer PCL-PEG-PCL and α -cyclodextrin. *Journal of Sol-Techonology*. 69 (1), 166-171, (IF=1.66).
24. [Seyed Amin Mohajeri](#), [Sayyed Abolghasem Sajadi Tabassi](#), [Maryam Hassanpour Moghadam](#), [Seyed Ahmad Mohajeri](#) (2014) Preparation of a pH-sensitive pantoprazole-imprinted polymer and evaluation of its drug-binding and -releasing properties. *Science China Chemistry*, Vol.57, No.6: 1007-1014 (IF=1.327) (doi: 10.1007/s11426-014-5091-1).
 25. Elham Khodaverdi, Zinat Heidari, **Sayyed A. Sajadi Tabassi**, Mohsen Tafaghodi, Maryam Farnaz Sadat Mirzazadeh Tekie, Bahman Khameneh, and Farzin Hadizadeh (2014) In situ formation of a Supramolecular Hydrogel from Insulin-Loaded Triblock PCL-PEG-PCL Copolymer and its application with Sustained-Release Property. *AAPS PharmSciTech*, (doi: **10.1208/s12249-014-0144-4**) (IF=1.584).
 26. Ali Talaei, Maryam Hassanpour Moghadam, Sayyed Abolghasem Sajadi Tabassi, Seyed Ahmad Mohajeri (2015) Crocin, the main active saffron constituent, as an adjunctive treatment for major depressive disorder: A randomized, double-blind, placebo-controlled, pilot clinical trial. *Journal of Affective Disorders*, 174, 51-56 (IF = **3.705**)
 27. Elham Khodaverdi • Maryam Aboumaashzadeh • Farnaz Sadat Mirzazadeh Tekie • Farnaz Sadat Mirzazadeh Tekie • **Sayyed Abolghasem Sajadi Tabassi** • Seyed Ahmad Mohajeri • Zahra Khashyari • Maryam Moallemzadeh Haghighi (2014) Sustained drug release using supramolecular hydrogels based on cyclodextrin inclusion complexes with PCL/PEG multiple block copolymers. *Iranian Polymer Journal* 17(7): 707-716 (IF=0.936)

11. Jaafari, M.R., Tafaghodi, M., Sajadi Tabassi, S.A., (2006) Evaluation of the clearance characteristics of liposomes in the human nose by gamma-scintigraphy. *Iranian J. Pharm. Sci.* 3-11.

12. Bizhan Malaekheh-Nikouei, Sayyed A. Sajadi Tabassi, Mahmoud R. Jaafari, Nigel M. Davies (2006) The effect of cyclodextrin complexation on characteristics and drug release from microspheres loaded by cyclosporine-cyclodextrin complex. *Journal of Drug Delivery Science and Technology*, 16(5): 303-308.

13. Mohsen Tafaghodi, Mahmood-Reza Jaafari, Sayyed Abolghasem Sajadi Tabassi (2006) Nasal immunization using liposomes loaded with tetanus toxoid and CpG-Oligodeoxynucleotides. *European Journal of Pharmaceutics and Biopharmaceutics* 62: 138-145.

14. Mohsen Tafaghodi, Sayyed Abolghasem Sajadi Tabassi, (2006) Evaluation of the clearance characteristics of liposomes in the human nose by gamma-scintigraphy. *Iranian J. Pharm. Sci.* 3-11.

Mahmood-Reza Jaafari (2007) Nasal immunization studies with CpG oligodeoxynucleotides and PLGA microspheres encapsulated with tetanus toxoid and CpG oligodeoxynucleotides. *Iranian J. Pharm. Res.* 6 (3), 151-158

37. Hediye Moghadam Omranipour, **Sayyed Abolghasem Sajadi Tabassi**, Reza Kowsari, Saeed Rad, Seyed Ahmad Mohajeri (2015) Brimonidine imprinted hydrogels and evaluation of their in vitro and in vivo releasing properties as new ocular drug delivery systems. *Current Drug Delivery* 03/2015; (3): 1-10

1. [Rad MS](#), [Sajadi Tabassi SA](#), [Moghadam MH](#), [Mohajeri SA](#). (2015) Controlled release of dexamethasone from vitamin E-loaded silicone-based soft contact lenses. *Pharm Dev Technol.* 2015; 16(1): 1-10
2. Nikbakht-Jam, Khademi M, Nosrati M, Eslami S, Foroutan-Tanha M, Sahebkar A, Tavaeei M, Mobarhan M, Ferns G. A.A., Hadizadeh F, **Tabassi S. A. S.**, Mohajeri SA, Emamian M. (2015) Crocin extracted from Saffron on Prooxidant-Antioxidant Balance in Subjects with Metabolic Syndrome: A randomized, placebo-controlled clinical trial. *European Journal of Integrative Medicine* 7(2): 103-110. (publication (IF = 0.77))

B- National Journals:

1. **Sajadi Tabassi S. A.**, Mamaghani Sani D. (2001) Investigation of the effects of ionic liposomes on biological membranes using human erythrocytes as a model. *Ir. J. Basic Med. Sci.* 4, 1-5.
2. **Sajadi Tabassi S. A.**, Shafiee Nik R., Rajabi O., Abbaspour M. R., (2002) A new oral formulation of insulin: release and stability studies. *Ir. J. Basic Med. Sci.*, 5 (2), 75-81.
3. Moghimipour E., **Sajadi Tabassi S.A.**, Ramazani M., Loebenberg R. (2002) Enhancement of gentamicin sulfate through snake skin and liposomal membranes by different enhancers. *Med. Sci.*, 6 (1), 9-19.
4. Tafaghodi M., **Sajadi Tabassi S.A.**, Jaafari M.R. (2002) Formulation, characterization and in vivo studies of alginate microsphere encapsulated with tetanus toxoid for nasal immunization. *Med. Sci.*, 6(1), 20-31.
5. Tafaghodi M., **Sajadi Tabassi S.A.**, Jaafari M.R. (2002) Nasal drug delivery: characteristics and limitations. *Razi Pharmaceutical Journal*, 11, 32-42.
6. **Sajadi Tabassi S.A.**, Hosseinzadeh H., Mohajeri S.A. (2003) Absorption enhancing effect of Acanthophyllum total saponin on intranasal insulin in rat. *Iranian Journal of Diabetes and Metabolic Disorders*, vol 2, No 1, 17-24.
7. **Sajadi Tabassi S.A.**, Jaafari M.R., Tafaghodi M., Diwan M., Samuel J. (2003) Enhanced immune responses following co-administration of CpG oligodeoxynucleotide (CpG-ODN) and PLGA microspheres. *Ir. J. Basic Med. Sci.*, 6 (3), 221-236.
8. **Sajadi Tabassi, S.A.**, Naniroudi, M.A. (2004) Investigation of the effects of polysorbate 80 and surfactants on biological membranes using human erythrocytes as a model. *Ir. J. Basic Med. Sci.* 7(2), 157-162.
9. **Sajadi Tabassi, S. A.**, Tafaghodi, M., Jaafari, M. R. (2004) Dextran microspheres encapsulated with tetanus toxoid as a potential delivery system for nasal immunization: in vitro and in vivo characterization. *Basic Med. Sci.*, 7(2), 88-98.

10. Tafaghodi M., **Sajadi Tabassi S.A.**, Jaafari M.R. (2004) Mucosal immunization. Razi Journal, 175, 17-24.
11. Malaekheh, B., **Sajadi Tabassi S.A.**, Jaafari M.R. (2004) Preparation of biodegradable microspheres encapsulated with Cyclosporine A and evaluation of some factors affecting encapsulation. J. Basic Med. Sci., 7(4), 240-249.
12. Tafaghodi M., Sajadi Tabassi S.A., Jaafari M.R. (2004) Vaccine Adjuvants. Razi Pharm. Sci., 174, 34-45.
13. Malaekheh-Nikouei, B., Jaafari M.R., **Sajadi Tabassi S.A.**, Samiee A. (2005) Preparation of liposomes encapsulated with cyclosporine A and evaluation of its immunosuppressive effect on human T-cells. Pharmaceutical Sciences (Tabriz), Summer 2005, 1-9.
14. Zahra Ghiassi, S. Abolghasem Sajadi Tabassi, Mohsen Tafaghodi (2007) Preparation and characterization of alginate microspheres encapsulated with autoclaved *Leishmania major* CpG-ODN. Iranian J. Basic Med. Sci., 10 (2), 90-98.
15. Tafaghodi M., Sajadi Tabassi S.A., Payan M. (2008) Alginate microspheres as a delivery system for an adjuvant for autoclaved *Leishmania major* (ALM) and Quillaja saponin (QS) - Preparation and characterization", Iranian J. Pharm. Sci., 3(2), 61-68.
16. Hossein Hosseinzadeh, Abolghasem Sajadi Tabassi, Negar Moghadam Milani, Marziyeh Soghra Mehri (2012) Antioxidant Activity of Pistacia vera (pistachio) Fruits, Leaves and Seeds. Iranian Journal of Pharmaceutical Research (IJPR), 11 (3), 879-887, ISI, IF=0.637
17. Jebrael Movaffagh, Ali Ghodsi, BiBi S. Fazly Bazzaz, **Sayyed A. Sajadi Tabassi**, Hamed Azadi (2012) The Use of Natural Biopolymer of Chitosan as Biodegradable Beads for Drug Delivery: Release Studies. Jundishapoor Journal of Natural Pharmaceutical Products. 11(1): 1-10
18. Aazam Parnan Emamverdikhan, Nahid Golmakani, Noorieh Sharifi Sistani, Mohammadali Malihe Hasanzade Mofrad, **Abolghasem Sajadi Tabassi** (2014) Comparing Two Treatments of Vitamin E Suppository and Conjugated Estrogen Vaginal Cream on the Quality of Life of Women with Vaginal Atrophy. J. Midwifery Reprod. Health; 2 (4): 253-260.
19. علم پرنان اماموردیخان، دکتر ملیحه حسن زاده مفرد، دکتر ابوالقاسم سجادی طیبسی، دکتر نوریه شریفی، نقی شاکری (1393) مقایسه شاخص های بالینی و آزمایشگاهی در تعیین آتروفی واژن زنان یائسه. مجله زنان، مامایی و نازایی ایران، دوره هفدهم، شماره 501، صفحه 10-17

Presentations

C- Selected Meeting Abstracts:

- 1- **Sajadi Tabassi S.A.**, Moghimipour E., Ramezani M. (2000) Study of physico-chemical properties and hemolytic effects of the total saponin of *Acanthophyllum squarrosum*. Proc. The 1st Int. Cong. Pharm. Medica, Nov 2000, Tehran, I.R. Iran
- 2- **Sajadi Tabassi S.A.**, Moghimipour E., Ramezani M. (2000) Isolation and determination of the total saponin of *Acanthophyllum squarrosum*. Proc. 7th Iranian Seminar of Pharmaceutical Sciences, 2000, Mashhad, I.R. Iran
- 3- **Sajadi Tabassi S.A.** (2001) Isolation, purification and rheological characterization of mucopolysaccharide from *Acanthophyllum squarrosum*. Proc. The 1st Seminar on Pharmaceutical Methodology, Sep 2001, Mashhad, I.R. Iran

- 4- Tafaghodi M., Jaafari M.R., **Sajadi Tabassi S.A.** (2000) Formulation and characterization of microspheres encapsulated with tetanus toxoid. Proc. 7th Iranian Seminar of Pharmaceutical Sciences. Sep 2000, Shiraz, I.R. Iran
- 5- **Sajadi Tabassi S.A.**, Abedi H. (2001) Study of the hemolytic effects of antihistamines. Proc. 15th Iranian Seminar of Pharmaceutical Methodology, Mashhad, I.R. Iran
- 6- **Sajadi Tabassi S.A.**, Khalessi B., Ayatollahi S. (2001) Drug induced hemolysis: Phenothiazine and tricyclic antidepressants. Proc. 15th I. Phys. Pharmacol. Cong., Shiraz, I.R. Iran, p517
- 7- **Sajadi Tabassi S.A.**, Ramazani M., Moghimipour E. (2001) Determination of physico-chemical and membrane disrupting effects of the total saponin derived from *Acanthophyllum squarrosum*. Proc. British Pharmaceutical Conference, Glasgow, UK, p 178
- 8- **Sajadi Tabassi S.A.**, Razavi N. (2002) Preparation and characterization of albumin microspheres encapsulated with propranolol HCl. J. Pharm. Pharmacol., 54, S93, Manchester, UK
- 9- Ramezani M., Moghimipour E., **Sajadi Tabassi S.A.**, Loebenberg R. (2002) Enhanced permeability of snake skin model using total saponins of *Acanthophyllum squarrosum*. Proc. World Congress of Pharmaceutical Sciences, 2002, Nice France
- 10- Moghimipour E., **Sajadi Tabassi S.A.**, Ramezani M., Loebenberg R. (2002) The enhanced permeability of *Acanthophyllum squarrosum* total saponin on nasal absorption of gentamicin sulfate. Proc. 8th Iranian Seminar of Pharmaceutical Sciences, Shiraz, I.R. Iran, p131
- 11- Tafaghodi M., Divan M., Samuel J., Jaafari M.R., **Sajadi Tabassi S.A.** (2002) Increasing the immune responses by co-delivery of tetanus toxoid and CpG ODN encapsulated in PLGA nanospheres. Proc. 8th Iranian Seminar of Pharmaceutical Sciences, Shiraz, I.R. Iran, p235
- 12- Tafaghodi M., **Sajadi Tabassi S.A.**, Jaafari M.R. (2002) Preparation and characterization of microspheres encapsulated with tetanus toxoid for nasal delivery. Proc. 8th Iranian Seminar of Pharmaceutical Sciences, Shiraz, I.R. Iran, p236
- 13- Tafaghodi M., Zakavi S.R., **Sajadi Tabassi S.A.**, Jaafari M.R., Momen-Nejad M. (2002) GdCl₃ scintigraphy as a novel method to study the distribution and clearance rate of different mucosal delivery systems. Proc. 6th Ann. Meeting Nucl. Med. Iran, Oct 2002, Mashhad. I.R. Iran
- 14- Tafaghodi, M., **Sajadi Tabassi, S.A.**, Jaafari, M.R.. (2003) Nasal immunization using alginate-chitosan microspheres encapsulated with tetanus toxoid (TT). Proc. the 1st Congress on Novel Drug Delivery Systems, Tehran, I.R. Iran.
- 15- **Sajadi Tabassi, S.A.**, Tafaghodi, M., Jaafari, M.R.. (2003) Nasal immunization using chitosan microspheres encapsulated with tetanus toxoid (TT). Proc. the 1st Congress on Novel Drug Delivery Systems, Tehran, I.R. Iran.
- 16- Tafaghodi, M., Jaafari, M.R., **Sajadi Tabassi, S.A.** (2003) Nasal immunization using neutral and cationic-fusogenic liposomes encapsulated with tetanus toxoid (TT). Proc. the 1st Congress on Novel Drug Delivery Systems, Tehran, I.R. Iran.

Novel Drug Delivery Systems, Tehran, I.R. Iran.

17- Moghimipour E., Ramazani M., **Sajadi Tabassi S.A.**, Loebenberg R. (2003) The enhancement of insulin permeability by sodium glycocholate and sodium salicylate on the permeability of insulin in rats. Proc. the 1st Novel Drug Delivery Systems, Tehran, I.R. Iran.

18- **Sajadi Tabassi**, S.A., Hosseinzadeh, H., Mohajeri, S.A. (2003) Investigation of absorptive effect of *Acanthophyllum* total saponin on intranasal delivery of insulin and blood glucose level. Pharm. Pharmacol. 55 (supplement), S42

19- Tafaghodi M., Samuel J., Divan M., **Sajadi Tabassi S.A.**, Jaafari M.R. (2003) Utilization of immunomodulating adjuvants for enhancement of immune response against tumors' antigens. 3rd Ir. Conf. Biotech., Mashhad, I.R. Iran

20- Sajadi Tabassi, S.A., Tafaghodi, M., Jaafari, M. R. (2004) Dextran microspheres as a potential system for nasal immunization – in vitro and in vivo characterization. Proc. Intl. Meeting on Pharm. Tech., Nürnberg Messe, Nuremberg, Germany

21- Sajadi Tabassi, S.A., Tafaghodi, M., Jaafari, M.R., Zakavi, S.R., Momennejad, M. (2004) Gscintigraphic evaluation of the clearance characteristics of microspheres in human nose. Proc. Cong., Kyoto, Japan

22- Sajadi Tabassi, S.A., Jaafari, M.R. Shokouhi M. (2004) Preparation and characterization of microspheres loaded with insulin. Proc. 9th Iranian Seminar of Pharmaceutical Sciences, Tab

23- Sajadi Tabassi, S. A., Ramezani, M., Jassemi Moghadam, M., (2004) Investigation of Phys Properties and Membrane Effects of the Total Saponins Isolated from *Acanthophyllum sordid* Environment Nat. Prod., Mashhad. I.R. Iran, p132

24- Sajadi Tabassi, S. A., Ramezani, M., Mashhadi, T., (2005) Extraction and investigation of properties and membrane effects of total saponin from *Acanthophyllum korshinskyi*. Proc. 1st and Nat. Prod. Chem., Shiraz, I.R. Iran, N 96

25- Sajadi Tabassi, S.A., Malaekheh-Nikouei, B., Jaafari, M.R. (2005) Preparation and characterization of biodegradable microspheres encapsulated with Cyclosporine A using different grades of PLGA. Nice, France, P O 238

26- Sayyed Abolghassem Sajadi Tabassi, Mohsen Tafaghodi, Mahmoud Reza Jaafari (2005) Effect of some mucoadhesive microspheres on human nasal mucociliary clearance by Gamr. Proc. 17th Congress of Physiology and Pharmacology of Iran, Kerman.

27- Sajadi Tabassi, S.A.; Mashhadi, T.; Ramazani, M. (2006) Isolation and investigation of surface membrane toxicity and absorption enhancing effects of the total saponins from *Acanthophyllum*. Proc. The Tenth International Symposium on Oncology Pharmacy Practice (ISOPP-X), Kuala Lumpur. Journal of Oncology Pharmacy Practice, 12 (1), Poster 5.

28- Sajadi Tabassi, S.A., Malaekheh-Nikouei, B., Jaafari, M.R., Davies N. (2006) The effect of d

- characteristics of and drug release from PLGA microspheres loaded by cyclosporine-cyclodextrin complex. 33rd Annual Meeting of the Controlled Release Society, Vienna, Austria. (Poster)
- 29- Sajadi Tabassi, S.A., Malaekheh-Nikouei, B., Jaafari, M.R., Davies N. (2006) Preparation and characterization of PLGA microspheres loaded by cyclosporine-cyclodextrin complex. Proc. 10th Iranian Conference on Pharmaceutical Sciences. Tehran, Iran, Aug 2006. Oral Presentation
- 30- S. A. Sajadi Tabassi, M. Tafaghodi, M. R. Jaafari (2007) Nasal Immunization Studies by Cationic and Cationic-fusogenic Liposomes Encapsulated with Tetanus Toxoid. The 9th Commonwealth Association Conference, Kuala Lumpur, Malaysia, (poster).
- 31- M. Tafaghodi, M. Kharazizadeh, S. A. Sajadi, Preparation and characterization of PLGA microspheres encapsulated with autoclaved Leishmania major (ALM) and saponin adjuvant. The 3rd Iranian Conference on Novel Drug Delivery Systems, June 2007, Tehran, Iran, O-14.
- 32- P. Ebrahimnejad, R. Dinarvand, S.A. Sajadi, F. Atyabi, Preparation and Characterization of PLGA Nanoparticles Loaded PLGA Nanoparticles. The 3rd Iranian Conference of Novel Drug Delivery Systems, Tehran, Iran. P-13.
- 33- B. Malaekheh-Nikouei , M. R. Jaafari , S. A. Sajadi Tabassi, Preparation, Characterization and Evaluation of Mucoadhesive and Immunosuppressive Properties of Chitosan Coated Liposomes Encapsulated with Cyclosporine A. The 3rd Iranian Conference of Novel Drug Delivery Systems, June 2007, Tehran, Iran, O-14.
- 34- **S. A. Sajadi Tabassi.**, Application of Ethics in Pharmacy., The 2nd International Congress on Ethics of Iran, April 2008, Tehran University of Medical Sciences, Tehran, Iran, pp 274-276. (Poster)
- 35- **S. A. Sajadi Tabassi**, M. Tafaghodi, M. R. Jaafari, Nasal immunization study by PLGA microspheres encapsulated with tetanus toxoid and CpG-ODN., 2nd International Congress on Nanoscience and Nanotechnology, October 2008, University of Tabriz, Tabriz, Iran, O-83, Oral
- 36- **S. A. Sajadi Tabassi**, A. Eliaspour; STUDY OF TRANSDERMAL DELIVERY OF AMITRIPTYLINE AND THE EFFECT OF SOME PENETRATION ENHANCERS., 22nd Federation of Asian Pharmaceutical Association Congress, Nov 2008, Singapore, P-70
- 37- **P. Ebrahimnejad**, F. Atyabi, S.A. Sajadi Tabassi, F. Movaghari, R. Dinarvand; A Novel HPLC Assay of SN-38 in Nanoparticles., 2nd International Congress on Nanoscience and Nanotechnology, 2008, University of Tabriz, Tabriz, Iran, Poster
- 38- S. A. Sajadi Tabassi , M. Tafaghodi, M. Kharazizade; PLGA nanospheres loaded by autoclaved Leishmania major (ALM) and Quillaja saponin as adjuvant: a tentative vaccine against Leishmaniasis, 2nd International Conference on Nanotechnology (IICN-2009), University of Isfahan, 5-7 May 2009, Iran, Poster
- 39- S. A. Sajadi Tabassi, P. Ebrahimnejad, M. R. Jaafari, F. Atyabi, R. Dinarvand; Encapsulation of a novel anticancer drug, in biodegradable nanoparticles: Particle characteristics, in vitro cytotoxicity and evaluation of their body distribution. THE SPECIALIZED CONGRESS AND INTERNATIONAL EXHIBITION ON NANOMEDICINE, NANOBIO TECHNOLOGY, NANOBIOSENSORS AND NANOMATERIALS, 14-16 June 2009, Mashhad, Iran, Oral.

40- Sayyed A. Sajadi Tabassi, Mohsen Tafaghodi, Nafiseh Amiri; *PLGA nanospheres encapsulating autoclaved Leishmania major (ALM) and CpG-ODN- Preparation and in vitro characterization* CONGRESS, 4-6 Oct 2009, Singapore, Poster 1.43.

41- Eskandar Moghimipour , Seyyed Abolghassem Sajjadi Tabassi , Hadi Varghaei (2010) *CO-STRATEGIES FOR ENHANCING TRANSDERMAL ABSORPTION OF*

THEOPHYLLINE THROUGH SHED SNAKE SKIN. Department of Pharmaceutics, College of Pharmacy, Jondishapour University of Medical Sciences, Iran, and Department of Pharmaceutics, College of Pharmacy, Mashhad University of Medical Sciences, Iran.

42- Sayyed A. Sajadi TABASSI, P. EBRAHIMNEJAD, M.R. JAAFARI, F. ATYABI, R. DINARVAND (2011) *Preparation and characterization of SN-38 nanoparticles using PLGA-PEG-Folate conjugates for folate-receptor targeted anti-cancer therapy*. International Conference on Cellular and Molecular Bioengineering, 2-4 March 2011, Singapore, Oral presentation.

43- Sayyed A. Sajadi Tabassi, P. Ebrahimnejad, M.R. Jaafari, F. Atyabi, R. Dinarvand (2011) *Preparation and Characterization of Poly Lactide-co-glycolide (PLGA) Nanoparticles encapsulated with SN-38* International Conference on Biomaterials Science 2011(ICBS2011). 15-18 March 2011, Tsukuba, Japan.

44- Sayyed A. Sajadi Tabassi (2011) *Cyclodextrin complexation and its applications in drug delivery* Release Conference, 12-14 March 2011, Mashhad, Iran.

45- Sayyed Abolghassem Sajadi Tabassi, Elham Khodaverdi, Farzin Hadizadeh, Rahof Rashid *Preparation of hydrogels based on inclusion complexes of the triblock copolymer PCL-PEG-PCL and cyclodextrin (α -CD)*. **9th International Gel Symposium (Gelsympo 2012)**, Tsukuba, Japan (oral presentation)

46- Sayyed A Sajadi Tabassi, Seyed Ahmad Mohajeri, Seyedeh Vida Hashemi. (2012) *Preparation of omeprazole imprinted polymer and study of its binding properties and drug release*. 2nd International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology (ICPCCT 2012), Kuala Lumpur, Malaysia. (oral presentation)

47- Sayyed A Sajadi Tabassi (2012) *Code of Professional Ethics in Pharmacy*. 1st International Conference on Pharmaco-economy, 14-16 June 2012, Tehran, Iran, (oral presentation).

48- Sayyed Abolghassem Sajadi Tabassi, Elham Khodaverdi, Farzin Hadizadeh, Rahof Rashid *Preparation of hydrogels based on inclusion complexes of the triblock copolymer PCL-PEG-PCL and cyclodextrin (α -CD)*, 13th Iranian Pharmaceutical Science Congress, Isfahan, (oral presentation)

49- J. Movaffagh, S.A. Sajadi Tabassi, A. Rastgoo (2012) *Fabrication and characterization of a controlled release system of theophylline in chitosan beads*, 13th Iranian Pharmaceutical Science Congress, Isfahan, (oral presentation)

Honors & Awards

1- Scholarship for PhD in the field of pharmaceutics from 1991-1995

2- Premier Translator for translation of the book "Pharmaceutics" from English to Farsi (vol 1) University of Medical Sciences, November 2006.

3- Premier Translator for translation of the book "Pharmaceutics" from English to Farsi (vol 2) University of Medical Sciences, November 2007.

4- The translation of the book "Pharmaceutics" was chosen as the premier academic book for the Festival of The University of Tehran, December 2007.

Members hip **Membership**

1- **"Iranian Society of Pharmaceutical Scientists", Tehran, Iran, 1995**

2- "The Society of Iranian Pharmacists, Membership # 6657", Tehran, Iran, 1998-present

3- "The Organization of Medical Order of Iran, Membership # D-2224", Tehran, I.R. Iran, 1998-present

4- "UK Academy of Pharmaceutical Sciences", Royal Pharmaceutical Society of Great Britain, 1996-present

5- "International Pharmaceutical Federation, FIP, Membership # 24808", The Netherlands, 2006-present

6- "The International Society of Oncology Pharmacy Practitioners" March 2006-present

Administrative Responsibilities

Jan 2008 – present; Professor of pharmaceutics, School of Pharmacy, Mashhad.

Jul 2003 – Jan 2008; Associate professor in pharmaceutics, School of Pharmacy, Mashhad.

Nov 1996 – Jul 2003, Assistant professor in pharmaceutics, School of Pharmacy, Mashhad.

Jun 1985 – Nov 1996, Lecturer in Pharmaceutics, School of Pharmacy, Mashhad.

2001-2003, Head of Department of Pharmaceutics, School of Pharmacy, Mashhad.

Jan 2006 – April 2008, Head of Department of Pharmaceutics, School of Pharmacy, Mashhad.

Aug 2005- present, Member of The Board of Examiners and Evaluation of Pharmaceutics of the Republic of Iran.

Feb 2013 – present, Head of Department of Clinical Traditional Medicine, School of traditional Complimentary Medicine, Mashhad University of Medical Sciences (MUMS)

1998-2010 – Managing director and Head, 22Bahman Educational Pharmacy, School of Pharmacy, Mashhad.

June 2015 – June 2016; Head, Department of Pharmaceutics, School of Pharmacy, Mashhad.

