

Curriculum Vitae
Soliman Mohammadi Samani
Feb 2020

Personal Details:

Surname: Mohammadi-Samani

First Name: Soliman

Sex: Male

Nationality: Iranian

Date of Birth: 28/ 02 / 1969

Marital Status: Married

Address:

School of Pharmacy,
Shiraz University of Medical Sciences,
Shiraz, IRAN

Tel: +987132426070

Fax: +987132424127

Email: smsamani@sums.ac.ir

Undergraduate Studies:

1987- 1993

Pharm. D.: Faculty of Pharmacy,
Isfahan University of Medical Sciences,
Isfahan, IRAN

POSTGRADUATE STUDIES:

1993- 1997

PhD of Pharmaceutics, Faculty of Pharmacy, Tabriz
University of Medical Sciences, Tabriz, IRAN.

2004-2005

Fellow of Pharmacokinetics, Welsh School of
Pharmacy, Cardiff University, UK.

Academic:

1993- 1997

Lecturer in pharmaceutical technology, Faculty of Pharmacy, Tabriz
University of Medical Sciences.

1995- 1997

Lecturer in pharmaceutical technology, biopharmaceutics and
physical pharmacy, School of Pharmacy, Shiraz University of
Medical Sciences, Shiraz, Iran.

1997- 2004

Assistant professor of Pharmaceutics, School of Pharmacy, Shiraz
University of Medical Sciences, Shiraz, Iran.

2004- 2008

Associate professor of Pharmaceutics, School of Pharmacy, Shiraz
University of Medical Sciences, Shiraz, Iran.

2008 till now Professor of Pharmaceutics, School of Pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran.

Administrative activities:

2006-2008 Vice Chancellor for Research; Shiraz University of Medical Sciences

2013-2019 Dean of School of Pharmacy; Shiraz University of Medical Sciences

Research interest:

Formulation and development of novel drug delivery systems, nanotechnology and pharmacokinetics

Publication:

Books:

Soliman Mohammadi-Samani, A Review on Cosmeticology, Shiraz University of Medical Sciences Press, 2007.

PAPERS

1. Mohsen Akbarian, Lobat Tayebi, **Soliman Mohammadi-Samani** and Fatemeh Farjadian Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation; (2020); J. Phys. Chem. B. in press
2. Negin Mozafari, Fatemeh Farjadian, **Soliman Mohammadi Samani**, Soha Azadi, Amir Azadi; (2019); Simvastatin-chitosan-citicoline conjugates nanoparticles as the co-delivery system in Alzheimer susceptible patients. Int. J. Bio. Macromolecule. In press.
3. Fahimeh Rezazadeh, **Soleiman Mohammadi-Samani**, Fatemeh Talei, Mani Ramzi, Hajar Ashrafi, Zahra Emami (2019) Efficacy of Phenytoin Mucoadhesive Tablet versus Mouthwash on Chemotherapy-Induced Oral Mucositis: A Randomized Clinical Trial; Middle East Journal of Cancer; 10(4): 341-349.
4. Parisa Ghasemiyeh, Amir Azadi, Saeid Daneshamouz, Reza Heidari, Negar Azarpira, **Soliman Mohammadi-Samani** (2019); Cyproterone acetate-loaded nanostructured lipid carriers: effect of particle size on skin penetration and follicular targeting; Pharmaceutical Development and Technology; 24 (7) 812-823.
5. Mohsen Salmanpour, Gholamhossein Yousefi, **Soliman Mohammadi Samani**, Samaneh Mohammadi, Mohammad Hossein Anbardar, and Alimohammad Tamaddon; (2019); Nanoparticulate delivery of irinotecan active metabolite (SN38) in murine colorectal

carcinoma through conjugation to poly (2-ethyl 2-oxazoline)-b-poly (L-glutamic acid) double hydrophilic copolymer: *Eu. J. Pharm. Sci.*; 136, 104941.

6. Mehdi Abedi, Samira Sadat Abolmaali, Mozghan Abedanzadeh, Sedigheh Borandeh, **Soliman Mohammadi Samani**, Ali Mohammad Tamaddon; (2019); Citric acid functionalized silane coupling versus post-grafting strategy for dual pH and saline responsive delivery of cisplatin by Fe₃O₄/carboxyl functionalized mesoporous SiO₂ hybrid nanoparticles: A-synthesis, physicochemical and biological characterization. *Materials Science and Engineering: C*; 104; 109922.
7. Farhad Mohammadi, Nader Tanideh, **Soliman Mohammadi Samani** and Fatemeh Ahmadi; (2019); Efficacy of a hybrid system of hyaluronic acid and collagen loaded with prednisolone and TGF-β3 for cartilage regeneration in rats. *J. Drug delivery Sci. Tech.* 51; 55-62.
8. Leila Moradi, Sanaz Javanmardi, Samirasadat Abolmaali, **Soliman Mohammadi Samani**; (2019); Passive Enhancement of Transdermal Drug Delivery: Lipid-Based Colloidal Carriers as an Emerging Pharmaceutical Technology Platform., *Trends in Pharmaceutical Sciences*; 5 (1); 25-40.
9. Negin Mozafari, Soha Azadi, **Soliman Mohammadi Samani**, Fatemeh Farjadian, Amir Azadi; Concurrent analysis of Simvastatin and citicoline using a Reversed-phase High Performance Liquid Chromatography-Ultra Violet Method; (2019); *Trends in Pharmaceutical Sciences*; 5 (1); 41-46.
10. Parisa Ghasemiyeh, **Soliman Mohammadi-Samani**; (2019); Hydrogels as Drug Delivery Systems; Pros and Cons. *Trends in Pharmaceutical Sciences*; 5 (1); 7-24.
11. Fatemeh Farjadian, Amir Roointan, **Soliman Mohammadi-Samani**, Majid Hosseini; (2019); Mesoporous silica nanoparticles: synthesis, pharmaceutical applications, biodistribution, and biosafety assessment. *Chemical Engineering Journal*; 359; 684-705.
12. Fatemeh Farjadian, Somayeh Rezaeifard, Mahsa Naeimi, Sahar Ghasemi, **Soliman Mohammadi-Samani**, Mark E Welland, Lobat Tayebi; (2019); Temperature and pH-responsive nano-hydrogel drug delivery system based on lysine-modified poly (vinylcaprolactam). *Int. J. Nanomedicine*; 14; 6901
13. A Roointan, J Farzanfar, **Soliman Mohammadi-Samani**, A Behzad-Behbahani, and F. Farjadian (2018). Smart pH Responsive Drug Delivery System Based on poly (HEMA-co-DMAEMA) Nanohydrogel. *International Journal of Pharmaceutics*. 552 (1-2) 301-311.

14. **Soliman Mohammadi-Samani**, S Zojaji, E Entezar-Almahdi (2018). Piroxicam loaded solid lipid nanoparticles for topical delivery: Preparation, characterization and in vitro permeation assessment: *Journal of Drug Delivery Science and Technology* 47, 427-433.
15. M Zare, **Soliman Mohammadi-Samani**, Z Sobhani (2018). Enhanced Intestinal Permeation of Doxorubicin Using Chitosan Nanoparticles: *Advanced pharmaceutical bulletin* 8 (3), 41.
16. P Ghasemiyeh, **Soliman Mohammadi-Samani** (2018). Solid lipid nanoparticles and nanostructured lipid carriers as novel drug delivery systems: applications, advantages and disadvantages: *Research in pharmaceutical sciences* 13 (4), 288.
17. LP Jahromi, **Soliman Mohammadi-Samani**, R Heidari, A Azadi (2018). in vitro-and in vivo Evaluation of Methotrexate-Loaded Hydrogel Nanoparticles Intended to Treat Primary CNS Lymphoma via Intranasal Administration: *Journal of Pharmacy & Pharmaceutical Sciences* 21 (1), 305-317.
18. M Barati, **Soliman Mohammadi-Samani**, LP Jahromi, H Ashrafi, A Azadi (2018). Controlled-release in-situ gel forming formulation of tramadol containing chitosan-based pro-nanogels: *International journal of biological macromolecules*: 111; 1449-1454.
19. F Mohammadi, **Soliman Mohammadi-Samani**, N Tanideh, F Ahmadi (2018). Hybrid Scaffolds of Hyaluronic Acid and Collagen Loaded with Prednisolone: an Interesting System for Osteoarthritis: *Advanced pharmaceutical bulletin* 8 (1), 11.
20. A Roointan, S Kianpour, F Memari, M Gandomani, SM Gheibi Hayat, **Soliman Mohammadi-Samani** (2018). *International Journal of Polymeric Materials and Polymeric Biomaterials Poly(lactic-co-glycolic acid): The most ardent and flexible candidate in biomedicine; , 1-22.*
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23. Parhizkar, E., F. Ahmadi, S. Daneshamouz, **S. Mohammadi-Samani**, A. Sakhteman and G. Parhizgar (2017). "Synthesis and characterization of water-soluble conjugates of cabazitaxel hemiesters-dextran." *Anti-cancer agents in medicinal chemistry*.
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33. Poortalebi-Jahromi L, **Mohammadi-Samani S**, Ashrafi H, Azadi A.; (2016). A Reversed-phase High Performance Liquid Chromatography (HPLC) method for bio-analysis of Methotrexate. *Trends in Pharmaceutical Sciences*.;2(2); 101-108.
34. Nasim Golkar, Ali Mohammad Tamaddon, and **Soliman Mohammadi Samani**; (2016). Cholesterol-conjugate supramolecular assemblies of low generations polyamidoamine dendrimers for enhanced EGFP plasmid DNA transfection. *Journal of Nanoparticle Research*. 18:107.

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- lamotrigine tablets in healthy Iranian volunteers. *Trends in Pharmaceutical Sciences*. 1(3), 159-166 .
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 53. **Mohammadi-Samani S**, Behzad Taghipour (2015). PLGA micro and nanoparticles in delivery of peptides and proteins; problems and approaches. *Pharm. Dev. Technol.*; 20(4): 385-93
 54. Afshin Samiei, Ali Mohammad Tamadon, **Soliman Mohammadi Samani**, Nicholas Manolios, Eskandar Kamali Sarvestani; (2014). Engraftment of plasma membrane vesicles into liposomes: A new method for designing of liposome-based vaccines. *Iran J Basic Med Sci*, Vol. 17, No. 10

55. Nader Tanideh, Pedram Rokhsari, Davood Mehrabani, **Soleiman Mohammadi Samani**, Fatemeh Sabet Sarvestani, Mohammad Javad Ashraf, Omid Koochi Hosseinabadi, Shahram Shamsian, Nasrollah Ahmadi. (2014). The Healing Effect of Licorice on *Pseudomonas aeruginosa* Infected Burn Wounds in Experimental Rat Model; *WJPS* 3(2), 99-106.
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