

Personal Information

Name: Saman Ahmad Nasrollahi

Date of Birth: 25.7.1982

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Education

- H.S. Diploma, Shahid Beheshti High-School (Tehran, Iran 1996 - 1999)
- Pharm. D., Tabriz University of Medical Sciences (Tabriz, Iran 2000 - 2006)

Thesis: "Formulation of natural sunscreens with Artemia Urmiana extract"

- Ph.D. of pharmaceutics, Tehran University of Medical Sciences (Tehran, Iran 2006 – 2011)

Thesis: "Preparation and evaluation of a protein delivery system across the skin using Cell Penetrating Peptides (CPPs)"

Academic Degree

- Assistant Professor, Center for Research & Training in Skin Diseases & Leprosy, Tehran University of Medical Sciences, 2013 – 2014.

Positions Held

- Manager, Pharmaceuticals Cosmeceutical and Hygienic Skin Products Clinical Evaluation Lab (DermaLab), Center for Research & Training in Skin Diseases & Leprosy, (Tehran, Iran, 2013-now).
- Manager, Aerosol Production Unit, Jaber Ebne Hayyan Pharmaceutical Company (Tehran, Iran Summer 2008 – 2012).
- R&D Formulator, Jaber Ebne Hayan Pharmaceutical Company, (Tehran, Iran 2008).

Experiences

- Editorial board of *Dermatology & Cosmetic* and *Journal of Iran Pharmacist Association*
- Reviewer of *AAPS PharmSciTech*, *Dermatology & Cosmetic*, *Iranian Journal of Dermatology*, *Chemical Biology and Drug Design* and *DARU, Journal of pharmaceuticals*
- Teaching Cosmetic and Hygienic topics, Tehran University of Medical Sciences (TUMS)
- Teaching Pharmaceutical Dosage Forms (SemiSolids), Tehran University of Medical Sciences (TUMS)
- Teaching Pharmaceutical Dosage Forms laboratory and Practical Pharmaceutics, Tehran University of Medical Sciences (TUMS).
- Deliver lectures on pharmaceutical topics in refreshment training of practicing pharmacists hosted by Tehran and Zahedan University of Medical Sciences
- Deliver lectures on Cosmetic and Hygienic topics in refreshment training of practicing pharmacists hosted by Medical Council of Iran – Tehran and Broujerd branch
- Deliver lectures on Cosmetic and Hygienic topics in refreshment training of practicing pharmacists hosted by Iran Pharmacist Association – Tehran and Karaj branch
- Coordinator and facilitator of the International Congress of Dermatology, Cosmetic and Laser (Tehran, IRAN Autumn 2014)

- Coordinator and facilitator of the National Congress of Pharmacy Day (Tehran, IRAN Summer 2014)
- Coordinator and facilitator of the 6th Seminar of Evidence Based Dermatology (Tehran, IRAN Autumn 2013)
- Activation of Jaber Ebne Hayan Pharmaceutical Company Inhalers Department, Product scale up and industrial batches, Staff training, Writing SOPs to get ISO 9001, ISO 14001 and ISO 18001 certificates
- Responsible for public relations of DARU (student scientific magazine) at Tabriz University of Medical Sciences (Tabriz, IRAN 2003 – 2005)
- Coordinator and facilitator of the 9th Seminar of Iranian Pharmacy Student (Tabriz, IRAN Spring 2003)

Research Experiences

- Preparation and evaluation of Topical Drug Delivery system contain Nanostructured Lipid Carrier (NLC) of tretinoin.
- Evaluation of tretinoin nanoemulsion efficiency and compare it with simple tretinoin cream
- Evaluation of surfactant measurement in shampoos with Titrand 888 instrument.
- Preparation of sunscreen nanoemulsion and compare with common market sunscreens.
- Investigation of ramnolipid biosurfactants in cosmetic formulation.
- Elastin delivery system across the skin by Cell Penetrating Peptides (CPPs)
- Preparation of Q10 SLN and evaluation of its moisturizing and elasticity improving effects on skin.
- Preparation of tretinoin SLN to reduce its side effects.
- Investigation of different lipids characterization on SLN production.
- Investigation of different surfactant characterization on SLN production.
- Preparation of topical nanoemulsion to control releasing of tretinoin.
- Sunscreen effects of Artemia Urmiana extract.

Scientific Societies Membership

- Member of Iran's Medical Council
- Member of Iran Pharmacist Association
- Member of Iran Association of Pharmaceutical
- Member of Iranian Scientific Pharmaceutical Association (ISPHA)
- Member of Iran's Control Release Society (CRS)

English PUBLICATIONS

1. **Saman Ahmad Nasrollahi**, Ali Reza Abbasian, Effat Sadat Farboud " **In vitro comparison of simple Tretinoin-Cream and cream loaded with Tretinoin-SLN** " Journal of Pharmaceutical Technology & Drug Research 2013; 2 : 13, 1-7.
2. **Saman Ahmad Nasrollahi**, Changiz Taghibiglou, Shamileh Fouladdel, Rasoul Dinarvand, Ali Akbar Moosavi Movahedi, Ebrahim Azizi and Effat Sadat Farboud " **Physicochemical and biological characterization of cell penetrating peptide/protein complexes**" Chemical Biology and Drug Design 2013; 82: 189–195.
3. **Saman Ahmad Nasrollahi**, Changiz Taghibiglou, Ebrahim Azizi and Effat Sadat Farboud " **Review: Cell penetrating peptides as a novel transdermal drug delivery system**" Chemical Biology and Drug Design 2012; 80, 639–646.
4. **Saman Ahmad Nasrollahi**, Shamileh Fouladdel, Changiz Taghibiglou, Ebrahim Azizi, Effat Sadat Farboud " **A peptide carrier for the delivery of elastin into fibroblast cells**" International journal of Dermatology 2012, 51, 923–929.
5. Effat Sadat Farboud, **Saman Ahmad Nasrollahi**, Zahra Tabbakhi " **Novel formulation and evaluation of a Q10-loaded solid lipid nanoparticle cream: in vitro and in vivo studies**" International Journal of Nanomedicine 2011(6) 611–617.

6. **S. Ahmad Nasrollahi**, C. Taghibiglou, R. Dinarvand, E. Azizi, E. Farboud “**CPPs-proteins complexes as a novel topical protein delivery system**” Research in Pharmaceutical Sciences, 2012;7(5), Supplement.
7. A. Ahmad Nasrollahi, **S. Ahmad Nasrollahi**, E. Farbod, M. Dadgarnejad “**Usage of nanoemulsion in preparation of chemical sunscreen**” Research in Pharmaceutical Sciences, 2012;7(5), Supplement.
8. **S. Nasrollahi**, M. Sabouri, T. Bagheri lotfabad, A. Asgari “**Synthetic surfactants are replaced with environmentally friendly biosurfactants**” Research in Pharmaceutical Sciences, 2012;7(5), Supplement.

Persian Publications

1. Mohammad Azad, **Saman Ahmad Nasrollahi**, Alireza Firooz, “**Zinc oxide in sunscreen products**” Dermatology and Cosmetic 2014; 5 (1): 41-48.
2. **Saman Ahmad Nasrollahi**, Hesam Alibakhshi, “**Titanium dioxide in sunscreen products**” Dermatology and Cosmetic 2013; 4 (4): 218-225.
3. **Saman Ahmad Nasrollahi**, Hesam Alibakhshi, Alireza Firooz, “**Determination of concentration of anionic and amphoteric surfactants in shampoos using potentiometric titration method**” Dermatology and Cosmetic 2013; 4 (4): 188-195.
4. **S. Ahmad Nasrollahi**, "Actives in cosmetic products" Razi Journal, 2013; 24(6), 23-25.

5. **S. Ahmad Nasrollahi**, "Inhalation Peptides and proteins" Razi Journal, 2011; 22(10), 32-36.
6. **S. Ahmad Nasrollahi**, P.Moslemi "Respiratory drug delivery: from past till now" Razi Journal, 2009; 20(10), 112-116.
7. H.Nazemieh; J.Shokri; **S.Nasrollahi**; M.Kargar. "**Study on sunscreen effects of Artemia Urmiana and Artemia Salina total extract and their fractions**" Pharmaceutical Sciences, Journal of Tabriz Pharmacy Faculty, autumn (2005) 81-88.

Presentations in scientific meetings

1. M. sabouri, E. S. Farboud, M. Nasiri Kashani, Z. Jafari azar, **S. Ahmad Nasrollahi** "**Preparation and in vitro evaluation of tretinoin nano-emulsion system**" the 1st Middle East Controlled Release Conference (MECRC 2014) and the 6th Iranian Controlled Release Conference (ICRC 2014), Tehran, Iran, February 2014.
2. A.Moradi, **S. Ahmad Nasrollahi**, E.S. Farboud, Z. Jafari Azar and R.Dinarvand "**Control releasing of tretinoin delivery with Nano Lipid Carrier (NLC)**" the 1st Middle East Controlled Release Conference (MECRC 2014) and the 6th Iranian Controlled Release Conference (ICRC 2014), Tehran, Iran, February 2014.
3. **S. Ahmad Nasrollahi**, C. Taghibiglou, R. Dinarvand, E. Azizi, E. Farboud "**CPPs-proteins complexes as a novel topical protein delivery system**" 13th Iranian Pharmaceutical Sciences Congress (IPSC), Isfahan, Iran, September 2012.
4. A. Ahmad Nasrollahi, **S. Ahmad Nasrollahi**, E. Farbod, M. Dadgarnejad "**Usage of nanoemulsion in preparation of chemical sunscreen**" 13th Iranian Pharmaceutical Sciences Congress (IPSC), Isfahan, Iran, September 2012.
5. **S. Nasrollahi**, M. Sabouri, T. Bagheri lotfabad, A. Asgari "**Synthetic surfactants are replaced with environmentally friendly**

- biosurfactants**" 13th Iranian Pharmaceutical Sciences Congress (IPSC), Isfahan, Iran, September 2012.
6. **S. Ahmad Nasrollahi**, C. Taghibiglou, R. Dinarvand, N. Ostad, E. Azizi, E.S. Farboud " **Morphological properties of CPPs-Proteins complexes**" accepted as **scientific lecture** in 5th Iranian Controlled Release Conference (ICRC), Mashhad, Iran, October 2011.
 7. Alireza Abbasian, **Saman Ahmad Nasrollahi**, Effat Sadat Farboud "**In vitro comparison of simple TRE-Cream and cream loaded with TRE-SLN**" accepted in 5th Iranian Controlled Release Conference (ICRC), Mashhad, Iran, October 2011.
 8. **S. Ahmad Nasrollahi**, C. Taghibiglou, R. Dinarvand, N. Ostad, E. Azizi, E.S. Farboud " **Determination of some morphological properties of CPPs-Proteins complexes**" accepted in 3rd PharmSciFair, Prague, Czech Republic, 13-17 June 2011.
 9. E.S. Farboud, **S. Ahmad Nasrollahi**, A. Abasian. "**Tretinoin SLN cream more effect, less side**" accepted in Skin Forum 12th Annual Meeting, Penetrating the Stratum Corneum, Frankfurt, Germany, March 2011.
 10. **S. Ahmad Nasrollahi**, C. Taghibiglou, R. Dinarvand, N. Ostad, E. Azizi, E.S. Farboud "**Cell Penetrating Peptides as a new vector to deliver biomolecules in wrinkles treatment**" accepted in 12th Iranian Seminar of Pharmaceutical Sciences (IPSC), Zanjan, Iran, 2-5 August 2010.
 11. E S Farboud, **S. Ahmad Nasrollahi**, B.Mirrahimi " **Control releasing of tretinoin delivery with nano-emulsion**" accepted in 4th Iranian Controlled Release Conference (ICRC), Zanjan, Iran, October 2009.
 12. E S Farboud, **S. Ahmad Nasrollahi**, AR.Abbasian "**SLN as novel drug delivery systems**" accepted in 4th Iranian Controlled Release Conference (ICRC), Zanjan, Iran, October 2009.
 13. E S Farboud, **S. Ahmad Nasrollahi**, Z.Tabakhi "**In vitro and in vivo comparison of simple Q10 cream and cream containing SLN**" accepted in 2nd PharmSciFair, Nice, France, 8-12 June 2009.
 14. E S Farboud, **S. Ahmad Nasrollahi**, B.Mirrahimi " **Using Nano-emulsion for redusing Tretinoin side effects**" accepted in 11th

Iranian Seminar of Pharmaceutical Sciences (IPSC), Kerman, Iran, 18-21 August 2008.

15. E S Farboud, **S. Ahmad Nasrollahi**, B.Mirrahimi "**Evaluation of some parameters on making nanoemulsions**" accepted in 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology. Barcelona, Spain, 7-10 April 2008.
16. E S Farboud, **S. Ahmad Nasrollahi**, B.Mirrahimi "**creams containing nanoemulsion can control release of tretinoin**" accepted in International Investigative Dermatology Meeting. Kyoto, Japan, 14-17 May 2008. (The abstract of this poster will be published in April supplementary issue of the Journal of Investigative Dermatology)
17. E S Farboud, **S. Ahmad Nasrollahi**, B.Mirrahimi "**Evaluation of some parameters on making nanoemulsions from different TGs**" accepted in 13th Seminar of Iranian Pharmacy Student. Tabriz, Iran, 23-26 October 2007.
18. J.Shokri; A.Nokhodchi; B.Lotfi; **S. Ahmad Nasrollahi** "**Improving of acetaminophen compressibility using drug-PEGs solid dispersion made by co-grinding and co-evaporation**" accepted in 9th Iranian Seminar of Pharmaceutical Sciences. Tabriz, Iran, 23-26 August 2004.

Award

- Best pharmacist of Iran Pharmacist Association (2014)
- Best poster presentation award, 13th Iranian Pharmaceutical Sciences Congress (IPSC), Isfahan, Iran, September 2012.

Research interests

- Preparation and evaluation of protein delivery systems with cell penetrating peptides (CPPs).
- Preparation and evaluation of novel drug delivery systems across the skin like: Nano emulsions, Solid Lipid Nanoparticles (SLN), Nano lipid carriers (NLC)
- Cosmetic and Hygienic science
- Transdermal drug delivery systems

- Management science

Language Skills

English quite well

Computer Knowledge

Office soft ware, Internet, SPSS, Design of Experiment

Other interests

Sightseeing and Traveling, History