

CURRICULUM VITAE

- **Name :** Samira Khani
- **Date of Birth :** 16 September 1979
- **Place of birth:** Qom, Iran
- **Marital Status :** Married
- **Nationality:** Iranian
- **Native Language:** Persian
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Education:

- 2013 Ph.D. in Pharmacology, Iran University of Medical Sciences, Tehran, Iran
- 2002 Pharm.D, JondiShapour University of Medical Sciences, Ahvaz, Iran
- 1996 Diploma in science, Razi high school, Qom, Iran

Pharm.D dissertation

- **Study of the spasmolytic effects of hydroalcoholic extract of *Melissa Officinalis* on isolated rat ileum.** (Supervisor: Professor Saleh Zahedi Asl)

PhD dissertation

- Study of oral bioavailability of Mebudipine and Dibudipine upon administration in novel NanoSolve (PhytoSolve) formulation in rats. (Supervisor:Dr. FariborzKeyhanfar)

Interests:

- Neuropharmacology
- Formulation Development of Pharmaceuticals
- Pharmacognosy

Training courses:

- Course on Sycyp Focused Workshop, 25 August 2013
(Predicting oral drug bioavailability and its inter-individual variability: Interplay between formulation, drug permeability and metabolism using the Sycyp Advanced Dissolution, Absorption and Metabolism (ADAM) model). Tabriz University of Medical Sciences in collaboration by University of Manchester, Tehran, Iran
- Workshop on Good Clinical Practice (*GCP*), 9 October 2013
Clinical Trial Center, Tehran University of Medical Sciences, Tehran, Iran
- Workshop on Molecular Biology Techniques, February 2012
Iranian Biological Resource Center , Tehran, Iran
- Workshop on Fundamentals of Cell Culture, March 2012
Iranian Biological Resource Center , Tehran, Iran
- Workshop on SPSS, 20-21 January 2011
Students' Scientific Research Center (SSRC) & Exceptional Talent Development Center (ETDC), Tehran, Iran
- Workshop on Patent, 23 October 2014
Tarbiat Modares University, Tehran, Iran
- Workshop on Teaching methods, 12-16 May 2012
Iran University of Medical Sciences
- Workshop on working with Laboratory Animals, August 2010
Zanjan University of Medical Sciences
- Workshop on How to write a paper?, 24-25 December 2011
Tehran University of Medical Sciences, Tehran, Iran
- Workshop on How to publish a paper, 14 March 2012
Tehran University of Medical Sciences, Tehran, Iran
- Workshop on Systematic Review, 18-19 February 2013
Tehran University of Medical Sciences, Tehran, Iran

- Peer Review & Critical Appraisal, 18-19 February 2012
Tehran University of Medical Sciences, Tehran, Iran
- Workshop on End note, 5 February 2012
Tehran University of Medical Sciences, Tehran, Iran
- Search-1, 6 November 2012
Tehran University of Medical Sciences, Tehran, Iran
- Search-2, 20 November 2012
Tehran University of Medical Sciences, Tehran, Iran
- Search-3, 26 January 2013
Tehran University of Medical Sciences, Tehran, Iran
- Publishing Academic books by international publisher, 21 September 2013
Tehran University of Medical Sciences, Tehran, Iran

Training workshops (As organizer and lecturer)

- Rational Prescribing & Prescription Writing, November 2014
Qom University of Medical Sciences, Qom, Iran

Publication:

- Improved Oral Bioavailability of Mebudipine Upon Administration in PhytoSolve and Phosal-Based Formulation (PBF) Samira Khani, FariborzKeyhanfar , AAPS PharmSciTech 10/2013; 15(1).
- Evaluation of Lipid-based Drug Delivery System (Phytosolve) on Oral Bioavailability of Dibudipine Samira Khani, FariborzKeyhanfar, ShahabBohloli , Iranian journal of pharmaceutical research (IJPR) 09/2014; 13(4):1149-1156.
- Design and evaluation of oral nanoemulsion drug delivery system of mebudipine . S Khani, F Keyhanfar, A Amani. Drug Delivery 23 (6), 2035-2043

ABSTRACTS in CONGRESS:

- Oral presentation “Study of Oral Bioavailability of Mebudipine and Dibudipine Upon administration in Novel Phytosolve Formulation in Rats”

1st Meeting of the Research Community of the Phospholipid Research Center, September 2010, Heidelberg, Germany

- Poster presentation “ Nanoemulsion as strategy to improve oral bioavailability of poorly water soluble drugs” Zanzan University of Medical Science
12th Iranian Pharmaceutical Sciences Congress (IPSC 2010), 2-5 August 2010
- Poster presentation "latest developments in Nanoscale science and technology: Lipid-based Drug Delivery System (Nanosolve)”
5th International Congress on Nanoscience& Nanotechnology (ICNN2014), 20-22 October 2014
- Oral presentation “The effect of paragigantocellularis lateralis lesion on acute pain in male Rats”
6th pharmacy students seminar, September 1998, Shahid Beheshti University of Medical Sciences
- Poster presentation “Psoriasis pharmacotherapy”
7th pharmacy students seminar, September 1999, JondiShapour University of Medical Sciences.

Seminar Presentations

- Oral Lipid-based Formulations 25 November 2013 , Iran University of Medical Sciences
- Nanotechnology Based Drug Delivery 15 November 2014, Iran University of Medical Sciences
- Pharmacological breast cancer therapy, 25 September 2014, Qom University of Medical Sciences
- Perinatal Pharmacology, 30 September 2014, Qom University of Medical Sciences
- History of cancer chemotherapy, 31 May 2014, Qom University of Medical Sciences
- The Gonadal Hormones & Inhibitors, 8 January 2015, Qom University of Medical Sciences
- cancer chemotherapy drugs, 5 February 2015, Qom University of Medical Sciences

Teaching Assignment:

- Medical Pharmacology, for MD programme, School of Medicine, Qom University of Medical Sciences. From 2012- to date
- Medical Pharmacology, for MD programme, School of Dentistry, Qom University of Medical Sciences. 2013
- Pharmacology, for BSc programme, School of Public Health, Qom University of Medical Sciences. 2011
- Nursing Pharmacology, for BSc programme, School of Nursing and Midwifery, Qom University of Medical Sciences. From 2011- to date

- Midwifery Pharmacology, for BSc programme, School of Nursing and Midwifery, Qom University of Medical Sciences. From 2011- to date
- Pharmacology, for BSc programme, School of Medical Laboratory Sciences, Qom University of Medical Sciences. From 2011- to date
- Medical Pharmacology, Azad university of medical sciences, Qom, 2003-2007

Computer skills

- Chemix
- Pharnlab
- Toxlab
- Microsoft Word
- Microsoft Power Point
- Microsoft Excel
- SPSS statistical program
- Endnote
- ANN (Inform)

Laboratory Skills

- HPLC
- NanoLipid- based formulation
- Cosmetic Formulation
- Drug Evaluation Techniques in pharmacology
- Pharmacokinetic study
- Drug Extraction from plasma
- Herbal Extraction Methods
- Isolated organ/tissue test – organ bath
- Jugular vein catheterization
- Photon correlation spectroscopy

Professional Membership:

- Iranian society of Physiology and Pharmacology
- Islamic Republic of Iran Medical Council (IRIMC)
- Iran Nanotechnology Initiative Council
- Iran Pharmacists association

- عضو کمیته تجویز و مصرف منطقی دارو دانشگاه (RUD)
- عضو شورای توسعه فناوری دانشگاه
- عضو شورای پژوهشی دانشکده پزشکی، دانشگاه علوم پزشکی قم
- عضو شورای پژوهشی دانشکده طب سنتی، دانشگاه علوم پزشکی قم
- عضو کمیته دانشگاهی عفونت های بیمارستانی
- دبیر علمی همایش تجویز و مصرف منطقی دارو
- دبیر علمی همایش دارو درمانی سرطان و بیماریهای خونی
- دبیر علمی همایش دارو درمانی زنان و زایمان
- مدیر گروه فیزیولوژی- فارماکولوژی

برجستگی های علمی:

- رتبه اول دانشجویان داروسازی ورودی 75 دانشگاه اهواز
- رتبه اول از مون دوره دکترای تخصصی فارماکولوژی دانشگاه ایران
- رتبه دوم سخنرانی در سمینار دانشجویان داروسازی دانشگاه شهید بهشتی