Curriculum Vitae

Name: Farnoush

Surname: Asghari Paskiabi

Date of Birth: 17- 10- 1974

Place of Birth: Rasht- Iran

Address: Pasteur Institute of Iran, Mycology Department

Phone: +98 (21) 66496435

Fax: +98 (21) 66496435

E. mail: farnoosh.asghari@gmail.com

Education:

1. PhD Student of Medical Nanotechnology (2011-now), Shahid Beheshti University of Medical Sciences.
2. MSc. In Medical Nanotechnology (2011), Tehran University of Medical Sciences.
3. Bachelor degree in Medical Laboratory Technology (2000), Iran University of Medical Sciences & Health Services.

Workshops:

1. Transmittance Electron Microscopy, 2015, Tarbiat Modares University.
2. XRD Analysis , 2015, Tarbiat Modares University.
3. UV-vis and PL Analysis of Balk and Nanomaterials, 2015, Tarbiat Modares University.
4. Empowerment of human wealth (Nanotechnology), 2014, ITC.

5. Molecular Dynamics Simulation (LAMPS), 2013, Sharif University of Technology.
6. Tissue Engineering, 2012, Tehran University of Medical Sciences.
7. Real Time PCR, 2012, Shahid Beheshti University of Medical Sciences.
8. Protein Crystallography, 2011, IPM.
9. First National Summer School of Biomaterials, 2011, BRC.
10. Metal biomaterials/ Porous nanocomposites/ Application of bio materials in dentistry, 2010, University Of Tehran.
11. From Gene to Protein, 2009, Tarbiat Modares University.
12. Intellectual property, 2009, Tehran University of medical sciences.
13. Instrumental Analysis and Imaging Nano-Sized Materials, 2009, University of Isfahan.
14. Chemometrics applications in post genomics data analysis, 2008, Pasteur Institute of Iran.
15. The first Workshop of Rules, Inventors' Rights and Development of Biotechnology , 2007, Pasteur Institute of Iran.
16. National Standards of Technology, How to make, Current Situation, Prospection , 2007, Pasteur Institute of Iran.
17. Presentation in Workshop of Biochemistry Quality Control, 2003, Research Centre of Laboratory Sciences.
18. Presentation in Workshop of TDM & HbA1c Tests by Hittachi 902, 2002, Rasoule Akram Hospital.
19. Presentation in Workshop of Biochemistry Quality Control, 2001, Research Centre of Laboratory Sciences.
20. Presentation in Workshop of Biochemistry Quality Control, 2000, Research Centre of Laboratory Sciences.

Congresses:

1. Parallel Electrospun Nanofibers For Soft Tissue Engineering, 2012, 2nd International Conference on Electrospinning 2012- South Korea.
2. Electrospun Nanofibrous Scaffolds for Tissue Engineering, 2011, 5th International Controlled Release Conference of Iran.
3. Specific Nanofibrous Scaffolds for Tissue Engineering, 2011, 7th National Congress of Biotechnology.
4. Inhibition of chitin formation in Trichophyton tonsurans, Aspergillus fumigates and Candida albicans by an fluorescent brightener, 2009, The 7th International Symposium on Antimicrobial Agents and Resistance., Bangkok, Thailand.
5. Prevalence of Trichophyton rubrum in Tehran, Isolated from Different Levels of Society and Study of Its Probable Organ Orientation, 2008, 13th International Congress on Infectious Diseases, Kuala Lumpur, Malaysia.

6. An Analysis of Causative Fungal Agents Involved in Superficial Cutaneous Fungal Infections in Tehran, Iran from 2000 to 2005, 2008, 11th Western Pacific Congress on Chemotherapy and Infectious Diseases, Taipei, Taiwan.
7. Evaluation of Dermatophitic Infections and their Causative Agents in in Kids Referred to Pasteur Institute of Iran in 2004 and 2005, 2008, 2th Iranian Congress of Clinical Microbiology, Shiraz, Iran.
8. Prevalence and etiologic Agents Of Dermatophytosis Among Children in Tehran, Iran, 2007, 5th world congress of the world society for pediatric infectious disease-WSPID, Bangkok, Thailand.

Publications:

1. Farnoush Asghari, Zahra Jahanshiri, Mohammad Imani, Masoomeh Shams-Ghahfarokhi, Mehdi Razzaghi-Abyaneh; (2015) Antifungal Nanomaterials: Synthesis, Properties and Applications; Book Chapter, Elsevir Publishment; In press.
2. Farnoush Asghari Paskiabi, Esmaeil Mirzaei, Amir Amani, Mohammad Ali Shokrgozar, Reza Saber, Reza Faridi-Majidi; (2014) Optimizing parameters on alignment of PCL-PGA nanofibrous scaffold- An artificial neural networks approach; ***International Journal of Biological Macromolecules***; 70: 1-9.
3. Farnoush Asghari Paskiabi; (2014) Nanotechnology application in pharmacology and drug delivery systems; Book Chapter, Azad University publishment; 91- 132.
4. Simzar Hosseinzadeh, Maryam Mobaraki, Farnoush Asghari Paskiabi; (2014) Nanotechnology application in medicine; Book Chapter, Azad University publishment; 53-90.
5. Esmaeil Mirzaei, Reza Faridi-Majidi, Mohammad Ali Shokrgozar, Farnoush Asghari Paskiabi; (2013) Genipin cross-linked electrospun chitosan-based nanofibrous mat as tissue engineering scaffold; ***Nanomedicine Journal***; 1: 137-146.
6. Golnar Sadeghi, Ali Asghar Khaksar, Shahindokht Bassiri Jahromi, Aref Amirkhani, Ali Eslamifar, Soheila Ajdary, Farzad Katiraee, Jaleh Taeb, Farnoosh Asghari Paskiabi & Mohammad Sayyah; (2009) Fungistatic effects of optical brightener 220 against *Trichophyton tonsurans*, *Aspergillus fumigatus* and *Candida albicans*; ***Journal of Dermatological Treatment***; 20: 120-123.

Patents:

1. Farnoush Asghari Paskiabi, Shahin Bonakdar, Mehdi Razzaghi-Abyaneh, Mohammad Ali Shokrgozar; Terbinafine-based Wound Dressing, (2014) Iran Document Recording Center.

Awards:

1. Top Student in 7th Motahari Festival, (2015) Shahid Beheshti University of Medical Sciences

Projects:

1. Synthesis of selenium sulfide nanoparticles using fungi isolated from soils of sulfur-riched areas and determining their physical characteristics and antifungal activity in vitro, (2014-2016) Pasteur Institute of Iran.
2. Fabrication and in vitro evaluation of terbinafine-based nanofibrous wound dressing against dermatophytes, (2011-2013) Pasteur Institute of Iran.
3. Nanofibrous Scaffold for Skeletal Muscle Tissue Engineering, (2009-2011) Tehran University of Medical Sciences.
4. Fungistatic effects of optical brightener 220 against *Trichophyton tonsurans*, *Aspergillus fumigatus* and *Candida albicans*; (2006-2007) Pasteur Institute of Iran.

Languages:

Persian (native), English (advanced), French (débutant)

Scientific Interests:
Nanoparticle Manipulation, Myconanotechnology, Nanofibrous Scaffolds

Other Interests:
Drawing, Photography, Yoga, Books and Social Activity in WWW.NK.TPM.IR