

CURRICULUM VITAE



PERSONAL DATA

Name & Surname: Hossein, Ahmadpour_Yazdi

Date of Birth: 1979

Place of Birth: Tehran-Iran

Gender & Marital Status: Male, Married

- **Assistant Professor in Nanomedicine**, Department of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, Qazvin, Iran (From 2014 Sep)

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EDUCATION

2008-2014: *PhD in Medical Nanotechnology*, Medical physics & engineering department, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran-Iran

2005-2008: *M.Sc. in Medical Biotechnology*, Biotechnology division, Biochemistry department, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz-Iran

2002-2004: *Non-continuous B.Sc in Laboratory Sciences*, Faculty of Paramedicine- Tehran University of Medical Sciences, Tehran-Iran

2000-2002: *Associate degree in Laboratorial Sciences*, Faculty of Paramedicine–Zanjan University of Medical Science, Zanjan-Iran

1993-1997: *Experimental Sciences Diploma*, Shariati high School, Tehran–Iran

Memberships

- 1) Iranian Biotechnology society
- 2) Iranian Genetic society

Subscription of Journals

- 1) Modern Genetics Journal
- 2) Iranian Biotechnology Journal (**IBJ**)
- 3) Biotech Research Journal (online)

Professional employment

2008-2009: Blood Bank laboratory, Emam Khomeini hospital, Tehran-Iran (14 months)

2003-2005: Emergency laboratory, Shariati hospital, Tehran-Iran (15 months)

2005: Bahrami pediatric's Hospital Laboratory, Tehran-Iran (3 months)

2005: Noor private Laboratory, Tehran –Iran (3 months)

English language Skill

- 1) Certificate of taking English Language Courses for a period of 8 terms in Iran Language Institute Tehran Branch (Junior Proficiency Certificate in English in 2001)
- 2) Certificate of MCHE English examination from ministry of sciences, Research and Technology(score: 53 Out of 100)

Computer Skills

- 1) Word,Excell,Access,Power point,GraphPad prism 2.01,Web Designing

Participation in conferences and workshops

- 1) Conference on Ethics in Research of Medical Sciences, National Committee for Ethics in biomedical research (Ministry of Health and Medical Education), Langerood-Gilan University of Medical Sciences. 22-24 Apr 2015
- 2) Workshop on Empowerment of Human Capital Nanotechnology, Iran Nanotechnology Initiative Council, Karaj-Iran. 27-29 Feb 2014
- 3) Workshop on Recombinant protein Production in E.Coli, Malek Ashtar Industry University (Biotechnology Research Center).Tehran-Iran. 14-17 Jan 2007
- 4) Scientific Writing and Data Handling workshop, Educatinal Development Center, Tabriz University of Medical Sciences, Tabriz-Iran. 14-15 Mar 2007

Papers Presented in Congresses

- 1) Inhibition of EGFR antisense using dendrimeric gene delivery structures in MCF7 cells. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology , Shiraz-Iran , Oct .29-Nov 1 , 2007
- 2) A microarray approach to investigate genomic impacts of cationic lipid –based gene delivery nanosystems in human alveolar epithelial A549 cells. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology , Shiraz-Iran , Oct 29-Nov 1 , 2007
- 3) Genomic impact of cationic lipid gene delivery nanosystems in human alveolar epithelial A549 cells: A microarray analysis towards toxicogenomics. The 1th International Congress of Health and Biotechnology and the 4th Iranian Congress of Genetic Disorders and Disabilities , Summit Meeting Conference Hall , Tehran-Iran , 24-26 Nov , 2007

- 4) Anti-Tumor activity of Scrophularia V ariegata extract on human lung cancer cell line Calu-6. 2nd international student conference of biotechnology, University of Tehran ,Tehran-Iran , 15-17 Nov , 2008

Attending the Congresses and Seminars

- 1) Genomic impact of cationic lipid gene delivery nanosystems in human alveolar epithelial A549 cells: A microarray analysis towards toxicogenomics. The 1th International Congress of Health and Biotechnology and the 4th Iranian Congress of Genetic Disorders and Disabilities , Summit Meeting Conference Hall , Tehran-Iran , 24-26 Nov,2007

Published Articles

1. **Colourimetric-based method for the diagnosis of spinal muscular atrophy using gold nanoprobles.** IET Nanobiotechnology, 2015 Feb;9(1):5-10. doi: 10.1049/iet-nbt.2013.0065.
2. **Colorimetric Assay for Exon 7 SMN1/SMN2 Single Nucleotide Polymorphism Using Gold Nanoprobles.** BioImpacts, 2013, 3(4), 185-194 doi: 10.5681/bi.2013.037
3. **Microarray analysis of the toxicogenomics and the genotoxic potential of a cationic lipid-based gene delivery nanosystem in human alveolar epithelial A549 cells.** Yadollah Omidi, Jaleh Barar, Hamid Reza Heidari, Somaieh Ahmadian, Hossein Ahmadpour Yazdi (Toxicology Mechanisms & Methods, Informa healthcare, 2008;18(4):369-78. doi: 10.1080/15376510801891286

Translation

Primer design using Gene runner software . Mohammad Reza Dehghani, Hassan Doulabi, Hossein Ahmadpour Yazdi, Natinal ID of book: 1148370

Awards

- 1) Got a high rank certificate as a Ph.D student of Medical Nanotechnology, Faculty of medicine, Shahid Beheshti University of Medical Science, Tehran-Iran in **2013**.
- 2) A certificate for one of the best abstract winners of "**1 st International Congress on Health Genomics and Biotechnology**" held in November 24-26, 2007 in Tehran, Iran at Summit Meeting conference hall.
- 3) Got a certificate for 3rd high rank in *Associate degree in Laboratorial Sciences*, Faculty of Paramedicine–Zanjan University of Medical Science, Zanjan-Iran in **2002**.

Master of Sciences thesis entitled:

"Evaluation of anti-cancer effect of EGFR antisense nanoparticles on prostate cancer cell line"

Consisted of Molecular techniques such as RNA extraction , RT-PCR , PCR , Molecular Imaging (FITC – labeled antisense) , Toxicity assessment (MTT assay) ,Cell culture methods, Gel electrophoresis and Cell culture methods (culture , passage , thawing and freezing ,.....)

Ph.D thesis entitled:

" Mutation detection of Spinal Muscular Atrophy by a colorimetric method which uses gold nanoparticles "

Teaching Experience:

1. **Practical Bacteriology I & II.** B.Sc. student of Microbiology, Faculty of Science, Islamic Azad University of Karaj, 2013 Sep -2014 Jun
2. **Research Methods.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, From 2014 Sep
3. **Advanced Techniques in Biotechnology.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, 2014 Sep
4. **Application of Biotechnology in Environmental Health,** B.Sc. student of Environmental Health, Faculty of Health, Qazvin University of Medical Sciences, From 2014 Sep
5. **Bioinformatics,** Ph.D. students of Molecular Medicine, Faculty of Medicine, Qazvin University of Medical Sciences, From 2014 Sep
6. **Seminar I.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, From 2015 Jan
7. **Preliminary Nanobiotechnology.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, From 2015 Jan
8. **Immunochemistry and Analysis Methods.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, 2015 Jan
9. **Bioinformatics.** M.Sc. student of Medical Biotechnology, School of Paramedical Sciences, Qazvin University of Medical Sciences, From 2015 Jan
10. **Nanobiotechnology,** Ph.D. students of Molecular Medicine, Faculty of Medicine, Qazvin University of Medical Sciences, From 2015 Jan
11. **Medical Terminology,** B.Sc. students of laboratory sciences, School of Paramedical Sciences, Qazvin University of Medical Sciences, 2015 Sep

Teaching capability:

Medical Nanotechnology, Medical Biotechnology, Nanobiotechnology, Molecular and Cell Biology, Genetic Engineering, Cell Culture, Biochemistry, Immunology, Virology, Medical Terminology, and Other Laboratory Sciences related courses.

Executive Experience:

1. **Director of Student Research Committee**, School of Paramedical Sciences, Qazvin University of Medical Sciences, Qazvin, Iran (From 2014 Nov)
2. **Member of Research Council**, School of Paramedical Sciences, Qazvin University of Medical Sciences, Qazvin, Iran (From 2014 Nov)
3. **Council Member of Biomedical Technology Incubator**, Qazvin University of Medical Sciences, Qazvin, Iran (From 2015 Aug)
4. **Head of the Laboratory of Medical Biotechnology**, School of Paramedical Sciences, Qazvin University of Medical Sciences, Qazvin, Iran (From 2015 Aug- 2016 July)
5. **Member of Scientific Community Council**, School of Paramedical Sciences, Qazvin University of Medical Sciences, Qazvin, Iran (From 2016 July)

Reviewer:

Honorable reviewer of Biotechnology and Health Sciences journal, Qazvin University of Medical Sciences, Qazvin, Iran (From 2015 May)

Supervisor of (M.Sc.) thesis

The study of myricetin flavonoid effect on the expression of β -catenin gene & protein in Melanoma (A375) cancer cell lines (Abdolmalaki F, M.Sc. student of medical biotechnology).

Supervisor of Student Research Proposal

The evaluation of myricetin flavonoid compound on the expression Fyn gene in Melanoma (A375) cancer cell lines (Abdolmalaki F, M.Sc. student of medical biotechnology).