

Curriculum Vitae

Name rname (F/M) e.g. Marzieh Lotfi(F)

Born on: 19th of September, 1982

Marital status: Married

E-mail: marzeih.lotfi@gmail.com



Education:

2011 **Ph.D Student.**in Molecular Medicine , Mashhad University of Medical Sciences, Mashhad, Iran

Thesis Title: Evaluation of paracrine effect of mesenchymal stem cells in wound healing using co culture of keratinocytes and mesenchymal stem cells on chitosan scaffold in rat.

2006 – 2008 **Master Student.** In Biochemistry, Mashhad, Iran

Title Thesis: Detection of frequency of MGMT and P53 in glioblastoma multiform

2001 – 2005 **B.Sc.** in Genetics, Esfahan University, Esfahan, Iran

International Publications:

2019	M Lotfi , H Naderi-Meshkin, E Mahdipour, A Mafinezhad, R Bagherzadeh, ... Adipose tissue-derived mesenchymal stem cells and keratinocytes co-culture on Gelatin/Chitosan/ β -Glycerol Phosphate Nanoscaffold in skin regeneration ,Cell biology international
2019	Seyed Hossein Shahcheraghi, Jamshid Ayatollahi, Marzieh Lotfi , Faeze Sadat Heidari, Sudabe Hemati Rosmarinic acid and the most important its effects on bacteria and signaling pathways of cell, Dr DY Patil Vidyapeeth, Pune, India.Accepted
2019	SH Shahcheraghi, M Zangui, M Lotfi , M Ghayour-Mobarhan, A Ghorbani, ... Therapeutic Potential of Curcumin in the Treatment of Glioblastoma Multiforme, Current pharmaceutical design 25 (3), 333-342
2018	SH Shahcheraghi, J Ayatollahi, M Lotfi , FS Heidari, S Hemati Vaccine production using plasmids of non-pathogen bacillus species against Bacillus anthracis The Journal of Medical Research 4 (3), 111-112
2018	Seyed Hossein Shahcheraghi *, Jamshid Ayatollahi, Marzieh Lotfi ,Mohammad Deghanniri ,Azam Fazilati Three Species of Main Bacteria in Treatment of Cancer Journal of Current Medical Research and Opinion Vol1 Issue1.13-14
2017	Seyed Hossein Shahcheraghi ^{1,2} , Jamshid Ayatollahi ¹ , Razieh Akhondi ¹ , Marzieh Lotfi , More bacteria in the Alzheimer patients' brain toward healthy people 2017 3(4): 172-173
2017	Seyed Hossein Shahcheraghi ^{1,2} , Jamshid Ayatollahi ¹ , Mohammad Deghghan Niri ³ , Azam Fazilati ³ , Marzieh Lotfi . Common infections in several cancers 2017; 3(1): 1-2
2016	Marzieh Lotfi , Roohollah Bagherzadeh, Hojjat Naderi-Meshkin, Elahe Mahdipour et al, Hybrid chitosan- β -glycerol phosphate-gelatin Nano –Micro Fibrous Scaffolds with Suitable Mechanical and Biological Properties for Tissue engineering,Biopolymer, 2016:7:3,163-175

2015	Seyed Hossein Shahcheraghi ¹ , Jamshid Ayatollahi ¹ , Marzieh Lotfi , Applications of <i>Bacillus subtilis</i> as an important bacterium in medical sciences and human life, Tropical journal of medical research 2015 ,: 18: 1 , 1-4
2015	Seyed Hossein Shahcheraghi ¹ , Jamshid Ayatollahi ¹ , Marzieh Lotfi ² , Mohammad Sadegh Raeeszadeh, The most frequent parasites in HIV-infected patients in Asia and Africa, DPU,2015 : 8 : 2 , 274-275
2013	Reza Kazemi Oskuee, Mahmoud Reza Jaafari, Hamid Reza Rahimi, Marzieh Lotfi , et al: Evaluation of leishmanicidal activity of Euphorbia biostreriana and Euphorbia szovitsii by in vitro leishmanicidal assay using promastigote of Leishmania major, Asian Pacific Journal of Tropical Medicine, 21-Mar-2013, Accepted,
2013	Jamshid Ayatollahi, Alireza Vahidi, Seyed Hossein Shahcheraghi, Alireza Bagheripour, Marzieh Lotfi , Malihe Lotfi, Saeid Reza Lotfi. Investigation of resistant E. coli against some selected antimicrobials in Bam, JJM 2013 ; 6(6):in press
2011	Marzieh Lotfi , Sima Afsharnezhad, Hamid Reza Raziee, Kamran Ghaffarzadegan, Samaneh Sharif, Jamal Shamsara, Sara Lary, Javad Behravan: Immunohistochemical assessment of MGMT expression and p53 mutation in glioblastoma multiforme, Tumori, 97: 104-108,
2009	Jamal Shamsara, Samaneh Sharif, Sima Afsharnezhad, Marzieh Lotfi , Hamid Reza Raziee, Javad Behravan et al : Association Between <i>MGMT</i> Promoter Hypermethylation and p53 Mutation in Glioblastoma, Cancer Invest 27 (8):825 - 829

Research activities

TOPIC	CODE
The effect of enriched plasma on ovarian function in patients with ovarian failure	5992
Comparison of the effect of activated and inactivated platelet-rich plasma on ovarian follicle growth	
Effect of PRP on sperm parameters after freezing	6394
در بیماران دیابت تیپ ۲ حساس و مقاوم به TNF-alfa و HMGB1 بررسی بیان متفرمین قبل و بعد درمان	6511

National publications:

- 2012** Taghipour A, **Lotfi M**, Rahimi HR. A critical review on “study of the expression of survivin & its splice variants; δ ex3, 2b and 3b as diagnostic molecular markers in breast cancer”. J Shahid Sadoughi Univ Med Sci 2012; 20(5): 533-36
- 2011** Sima Afsharnezhad, anahita masoum, mohammad mohammadi, **marzeih lotfi**, detection quantity of liver enzymes in serum of addicts to crystal, J Mudares Biological Science and Technology 2011,1,61-69

Publications in congress:

- 2013** Inhibition of survivin by the molecular approach for cancer therapy The 13th Iranian congress of Biochemistry and 5th international congress of biochemistry and molecular biology Yazd, Iran

- 2011** The correlation between MGMT gene methylation ,MGMT protein expression and p53 mutation in glioblastoma.The 12nd Iranian congress of Biochemistry and 4nd international congress of biochemistry and molecular biology,Mashhad, Iran
- 2009** Association Between MGMT expression and p53 mutation in glioblastoma multiforme- The 10nd Iranian congress of Biochemistry and 3nd international congress of biochemistry and molecular biology,Tehran ,Iran
- 2008** Relation between epigenetic silencing and expression of MGMT gene In human glioblastoma - Annual congress clinical oncology, Tehran, Iran
- 2008** Comparison between MGMT and P53 by IHC in patients glioblastoma multiforme Annual congress clinical oncology, Tehran, Iran
- 2007** Mechanism of proton transfer in Aquaporin channel: A molecular dynamic simulation- The 9nd Iranian congress of Biochemistry, Shiraz, Iran
- 2007** Monte Carlo simulation of thermodynamic study for unusual amino acid of lantibiotic peptides in water- The 9nd Iranian congress of Biochemistry, Shiraz, Iran

Employment / Professional Experience

- 2013** **Executive Committee of** Advanced school "Molecular Aspects of the Metabolic Syndrome.
- 2011** **Executive Committee of"** 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry & Molecular Biology Mashhad, Iran
- 2010** **Teaching of "Biochemistry".** Islamic Azad University, Mashhad Branch

Professional Training

- Bioanformatic and primer design
- Power point
- Endnote
- Springer
- SID and Iran Medex
- Education in Biochemistry and Molecular Biology
- Ovid
- Teaching method

Various competencies:

Language:

- Persian (native)
- English (intermediate)

Laboratory skills:

- Molecular Biology and DNA recombinant technology: DNA and RNA extraction & purification, PCR, , gel electrophoresis, microbial culture
- Synthesis of nanofiber scaffolds for regenerative and repair

- cell culture
- Working with Laboratory Animals (mice&Rat)
- Isolation and culture Mesenchymal stem cell and keratinocyte

Computer skills:

- ICDL, Score: 88
- Microsoft Office Suit
- prism software
- Endnote software
- Gene Runner software
- Flow Jo software

Society memberships:

- Biochemistry Iran
- **MOLECULAR MEDICINE**