

Abdolreza Mohamadnia: PhD of Molecular Medicine

Faculty positions:

Assistant professor, Virology Research Center, National Research Institute of Tuberculosis and Lung Diseases (NRITLD), Shahid Beheshti University of Medical Sciences, Tehran, Iran. Biotechnology Department, advanced technologies in medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Executive Position

- 1- Member of Editorial Board for Journal of Cellular and Molecular Anesthesia
- 2- Member of Virology Research Center, National Research Institute of Tuberculosis and Lung Diseases (NRITLD), Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 3- Head of scientific of 2th national conference on molecular medicine in diagnosis and treatment of diseases.

Publications:

1. shirin karimi, **Abdolreza Mohamadnia**, seyed Alireza Nadji, Reza yadegarazari , Adnan Khosravi, Naghmeh Bahrami and Massoud Saidijam. Expression of two basic mRNAbiomarkers in Peripheral Blood of patients with Non-Small Cell Lung Cancer detected by Real-Time RT-PCR, individually and simultaneously. Iran Biomed J. 2015;19(1):17-22.
2. **Abdolreza Mohamadnia** ,shirin karimi, seyed Alireza Nadji, Reza yadegarazari , Adnan Khosravi, Naghmeh Bahrami and Massoud Saidijam. Expression of CK19 gene in patientswith lung cancer (NSCLC) and Comparison with Carcinoembryonic Antigen in PeripheralBlood. payavard 2016, 9(5): 459-468.

3. Jafar Ai, Saeed Heidari-Keshel, Mahmoud Azami, Armin Ai, Naghmeh Bahrami, **Abodoreza Mohamadnia**. Repair of critical size rat calvarial defects using endometrial derived stem cells embedded within gelatin/apatite nanocomposite scaffold. *Stem Cell Discovery*, Vol.3, No.1, 37-43 (2013).
4. Mosavi M. , Khoshkhonejad AA. , Golestan B. , Bahrami N. , **Mohamadnia AR** , Sadrimanesh R. , Beik zade B. Plasma antibody levels (IgG1 , IgG2) in periodontitis and control groups. *Journal of Dental Medicine*, 2008(Issue 4).
5. Jalil Momen-Beitollahi , Arash Mansorian , Masomeh Esmaili , Masoud Amanlou , **Abdolreza Mohamadnia** and Naghmeh Bahrami . Antimicrobial effects of propolis extract on the most prevalent oral pathogens: An in vitro study. *Journal of Islamic Dental Association of IRAN*. 2009(Issue 1).
6. Shamsolmolok Najafi , Nafiseh Esmaili , Mansour Heidari, Farahnaz Ghassemi, Meisam Mahmoudi, Mahsa Mohammadzadeh, **Abdolreza Mohamadnia**, Naghmeh Bahrami. Association between the Serotonin-Transporter-Linked Polymorphic Region (5-HTTLPR) and Pemphigous disease in Iranian patients. *Journal of Craniomaxillofacial Research*. Accepted
7. Mohamad Bayat, Mohsen Abassi, **Abdolreza Mohamadnia**, Naghmeh Bahrami. Prevalence of cardiovascular disease in patients with obstructive sleep apnea. *Nafas journal*. Accepted

Books:

- 1- **Abdolreza Mohamadnia**, Naghmeh Bahrami .General Biology.2013
- 2- **Abdolreza Mohamadnia**, Naghmeh Bahrami. Molecular cell biology lodish.2015
- 3- **Abdolreza Mohamadnia**, Naghmeh Bahrami. Cellular and molecular biology question bank.2014

Recent Conferences and Presentations:

- 1- Expression of miR21 ,VEGF mRNA in peripheral blood of patients with oral squamous cell carcinoma compared with healthy subjects. 66th Congress of the German Society for Oral and Maxillofacial Surgery in Hamburg. June 2016.
- 2- Dental Tissue engineering using stem cell and implantation on HA/collagen scaffold. The First National festival & International congress on stem cell and Regenerative medicine.May2016.
- 3- Dental Tissue engineering. Iranian Annual Congress on Progress in Tissue Engineering and Regenerative Medicine.May 2013
- 4- Analysis of GATA1/2, RUNX1 genes in Megakaryocytes to Identifies Hematopoietic Regulators. 5th International Congress of Laboratory & Clinic .2013.Iran
- 5- Evaluation of the anti microbial effect of bioglass 45S5 on common oral microorganisms. Tissue engineering and regenerative medicine applications in bio-glass.2013. .Iran
- 6- Tissue engineering in lung. 5th International congress on pulmonary diseases, intensive care and tuberculosis,2012

(39 other articles from 2007 to 2015)

Projects:

- 1- Mammaglobin and CEA gene expression by Real Time PCR in peripheral blood of breast cancer patients compared to healthy groups.
- 2- Real-time PCR Detection of CK19mRNA and LUNXmRNA and CEA mRNA in pleural fluid of Patients with Non-small Cell Lung Cancer

- 3- Real-time PCR Detection of VEGF mRNA and MUC1mRNAand CEAmRNA in Peripheral Blood of Patients with Non-small Cell Lung Cancer

- 4- Expression of genes PIK3R3 and ATP2A1 and PI3 and ADAM8 and HCN4 in patients with ventilator associated pneumonia admitted to ICU of Hospital Daneshvari.

- 5- Gene expression of P16, CK19, CDH1 and LUNX in patients undergoing anthracosis and its relationship with non-small cell lung cancer.