

In the Name of GOD

Curriculum vitae - Abolfazl Rad



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1. ADDRESS

Cellular and Molecular Research Center, Sabzevar University of Medical Sciences, Sabzevar, Khorasane Razavi, Iran.

2. DATE OF BIRTH

1988-4-4

3. MARITAL STATUS

Married - No children

4. EDUCATION

Masters (MSc) in Human Genetics Oct 2010 — Sep 2012

Mashhad University of Medical Sciences

Thesis: Silencing of MEIS1 gene in KYSE30 (ESCC cell line) by shRNA lentivirus and evaluation of its downstream candidate gene.

GPA: 18.48

Bachelor (BS.c) in Molecular Genetics Sep 2006 — Sep 2010

Sistan & Baluchestan University

GPA: 18.18

5. QUALIFICATIONS

Lentivirus packaging and Production, Expert in Cell Culture, Expert in Cloning, DNA & RNA extraction, Designing a SiRNA, Real Time PCR, ARMS PCR, RFLP, MSP PCR, Western Blot, Immunohistochemistry, Flow Cytometry, Chip assay, Designing PCR Primers, Expert in Sequencer, finch tv, BiQ, Primer 3, Nebcutter, GNCpro Expasy, reference manager Endnote, Allele ID, gene runner, methyl primer, Oligo 7 and

6. WORK EXPERIENCE

Sabzevar University of Medical Sciences

Oct 2013 — Present

- Lecturer
Teaching: Cellular and molecular of biology. 3 credits, Medical genetics. 1 credits, Genetics. 2 credits, Inherent diseases and genetic consultant. 2 credits
- Executive Director of Cellular & Molecular Research Center
- Executive Directive of Journal of Biomedicine

7. RESEARCH EXPERIENCE

1. Evaluation of 2'-5'-azadeoxycytidine effect on MEIS1 promoter KYSE30 cell line.
2. Designing SMARCA4 shRNA and cloning in specific vector.
3. Silencing of SMARCA4 and Expression analysis of specific genes in an esophageal squamous cell carcinoma.
4. Functional study of Twist1 on MAGE A4 promoter in KYSE30 cell line.
5. Silencing of EZH2 gene with shRNA retrovirus and evaluating of MEIS1 gene subsequently in KYSE-30 cell line.
6. Effects of Microlobin, Doxorubicin, and designing drug on PC12, K562 and KYSE30 cell lines
7. The genetic investigation in hereditary diseases: hearing loss chronic kidney disease, blindness, and neurodegenerative diseases.
8. Evaluation of antidepressant-like effect of verbascoside in mice models of depression
9. The Cohort study of environmental and genetic factors in chronic diseases in twins Country
10. Immunocompromised patients admitted to Ghaem hospital, Emam e Reza hospital and Razavi hospital by evaluation of ERG 11 gene expression in Azol resistant isolates using Real Time PCR in Mashhad.
11. Evaluation expression of CIP2A gene in patients with chronic lymphocytic leukemia and comparison with healthy group: Association with Clinical and Laboratory Finding
12. Investigating Oct4, Sox2, Nanog expression in DMBA-induced mammary cancer in mice before and after treatment with the extract of sclerorhachis platyrachis
13. Investigating OCT4 Gene Expression in Human Normal and Malignant Tissues of Gastric by Real time PCR Method
14. Expression analysis of the sox, oct genes in pterygium
15. The association between CEA and CA15-3 tumor marker and metastasis and prognosis in breast cancer: a systematic review and meta-analysis

8. ATTENDANCE AT CONFERENCES AND SEMINARS

1. The international & 13th national Iranian Genetic congress. 24-26 May 2014. Iran-Tehran
2. The international Multidisciplinary cancer congress. 2-4 Sep 2012. Iran-Mashhad
3. The international & 13th national Iranian Genetic congress. 24-26 May 2014. Iran-Tehran
4. The national Stem cell congress. 22 Sep 2009. Iran- Royan Institute
5. The national Bioinformatics congress. 26-27 Feb 2009. Iran-Shiraz

9. HONORES

The best Poster in the international Multidisciplinary cancer congress. 2-4 Sep 2012. Iran-Mashhad

The top Researcher in Khorasane Razavi province in Nov. 2015

10. PUBLICATIONS

1. Forghanifard MM, Ardalan Khales S, Javdani-Mallak A, **Rad A**, Farshchian M, Abbaszadegan MR. Stemness state regulators SALL4 and SOX2 are involved in progression and invasiveness of esophageal squamous cell carcinoma. *Med Oncol*. 2014 Apr;31(4):922. doi: 10.1007/s12032-014-0922-7. **(Impact factor: 2.4)**
2. Torkamandi S, Moghbeli M, Farshchian M, **Rad A**, Abbaszadegan MR . Role of Brg1 in progression of esophageal squamous cell carcinoma. *Iran J Basic Med Sci*. 2014 Nov;17(11):912-7. **(Impact factor: 1.3)**
3. H Ramshini, A Ebrahim-Habibi, S Aryanejad, **A Rad**. Effect of Cinnamomum Verum Extract on the Amyloid Formation of Hen Egg-white Lysozyme and Study of its Possible Role in Alzheimer's Disease. *Basic and Clinical Neuroscience*, Winter 2015 . Volume 6. Number 1 **(pubmed)**
4. AgahJ, BaghaniR, RakhshaniMH, **Rad A**. Metoclopramide role in preventing ileus after cesarean, a clinical trial. *Eur J Clin Pharmacol*. 2015 Jun;71(6):657-62. doi: 10.1007/s00228-015-1845-8. Epub 2015 Apr 15. **(Impact factor: 2.7)**
5. Predicting Molecular role of MEIS1 in Esophageal Squamous Cell Carcinoma. **Abolfazl Rad**, Moein Farshchian, Mohammad Mahdi Forghanifard, Maryam M. Matin, Ahmad Reza Bahrami, Dirk Geerts, Azadeh A'rabi, Bahram Memar and Mohammad Reza Abbaszadegan. *Tumor Biology*, 2015 Aug, doi:10. 1007/s13277-015-3780-9 . **(Impact factor: 3.6)**
6. Correlation Between Meis1 and Msi1 in Esophageal Squamous Cell Carcinoma. Moghbeli M, **Rad A**, Farshchian M, Taghehchian N, Gholamin M, Abbaszadegan MR.. *J Gastrointest Cancer*. 2016 May 4. **(pubmed)**
7. Maternal side-effects of continuous vs. Intermittent method of entonox during labor: A randomized clinical trial Authors of Document Agah, J., Baghani, R., Tabaraei, Y., **Rad, A**. *Iranian Journal of Pharmaceutical Research*, 15 (2), pp. 641-646 . **(Impact factor: 1.3)**

11. REFERENCES

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prof. Dr Ahmad Reza Bahrami
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