

CURRICULUM VITAE



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EDUCATION

PhD	Molecular Medicine	Tehran University of Medical Sciences, Tehran, Iran	Sep 1985 – Jun 1989
MSc	Medical Microbiology	Tehran University of Medical Sciences, Tehran, Iran	Sep 1985 – Jun 1989

CURRICULUM VITAE

PUBLICATIONS

- 1- Paria Abedini, Azam Fattahi, Shahram Agah, Atefeh Talebi, Amir Hossein Beygi, Seyed Mohammad Amini, Alireza Mirzaei, **Abolfazl Akbari**. Expression analysis of circulating plasma long noncoding rnas in colorectal cancer: the relevance of Incrnas ATB and CCAT1 as potential clinical hallmarks, *Journal of Cellular Physiology*; 15 May 2019, <https://doi.org/10.1002/jcp.28765>.
- 2- Abastabar M, **Akbari A**, Akhtari J, Hedayati MT, Shokohi T, Mehrad-Majd H, et al. In vitro antitumor activity of patulin on cervical and colorectal cancer cell lines. *Curr Med Mycol*. 2017;3(1):25.
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- 4- **Abolfazl Akbari**, Saeid Amanpour, Samad Muhammadnejad, Mohammad Hossein Ghahremani, Seyed Hamidollah Ghaffari, Ahmad Reza Dehpour, Gholam Reza Mobini, Fatemeh Shidfar, Mahdi Abastabar, Ahad Khoshzaban, Ebrahim Faghihloo, Abbas Karimi and Mansour Heidari. Evaluation of antitumor activity of a TGF-beta receptor I inhibitor (SD-208) on human colon adenocarcinoma. *DARU Journal of Pharmaceutical Sciences* **2014**, **22**(47). doi: 10.1186/2008-2231-22-47.
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- 8- Akbari, A., et al., Homeodomain protein transforming growth factor beta-induced factor 2 like, X-linked function in colon adenocarcinoma cells. *Asian Pacific journal of cancer prevention: APJCP*, 2017. **18**(8): p. 2101.
- 9- **Abolfazl Akbari**, Amir Seied Ali Mehbod, Gholamreza Mobini, Ebrahim Faghihloo, Zohreh Farahnejad. Modulation of transforming growth factor-beta signaling transducers in colon adenocarcinoma cells induced by *Staphylococcus aureus enterotoxin B*. *Molecular Medicine Reports*; **2016**,13 ;1: 909-914.
- 10- **Akbari A**, Ghahremani MH, Mobini GR, et al. Down-regulation of miR-135b in colon adenocarcinoma induced by a TGF- β receptor I kinase inhibitor (SD-208). *Iranian Journal of Basic Medical Sciences*. **2015**;18(9):856-861.

CURRICULUM VITAE

- 11- Mirzaei A, Madjd Z, Kadijani AA, Tavakoli-Yaraki M, Modarresi MH, Verdi J, **Akbari A**, Tavoosidana G. Evaluation of circulating cellular DCLK1 protein, as the most promising colorectal cancer stem cell marker, using immunoassay based methods..Cancer Biomark. **2016** Sep 26;17(3):301-311.
- 12- Emami SS, Nekouian R, **Akbari A**, Faraji A, Abbasi V, Agah S. Evaluation of circulating miR-21 and miR-222 as diagnostic biomarkers for gastric cancer. Journal of cancer research and therapeutics. 2019 Jan 1;15(1):115.
- 13- Rahmanian N, Bozorgmehr M, Torabi M, **Akbari A**, Zarnani AH. Cell separation: Potentials and pitfalls. Prep Biochem Biotechnol. 2016 Apr 5:1-14. [Epub ahead of prin].
- 14- **Abolfazl Akbari**, Zohreh Farahnejad, Javad Akhtari, Mahdi Abastabar, Gholam Reza Mobini, and Amir Seied Ali Mehbod . *Staphylococcus aureus* Enterotoxin B Down-Regulates the Expression of Transforming Growth Factor-Beta (TGF- β) Signaling Transducers in Human Glioblastoma. Jundishapoor Journal of Microbiology, **2016**. DOI: 10.5812/jjm.27297.
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- 17- Gholam Reza Mobini, Mohammad Hossein Ghahremani, Saeed Amanpour, Ahmad Reza Dehpoor, **Abolfazl Akbari**, Samad Muhammadnejad, Mansour Heidari. Transforming Growth Factor Beta-Induced Factor 2-Linked X (*TGIF2LX*) Regulates Two Morphogenesis Genes, *NIR1* and *NIR2* in the Human Colorectal Cancer. *Acta Med Iran*. **2016** May;54(5):302-7.
- 18- Abbas Karimi, Keivan Majidzadeh-A, Zahra Madjd, **Abolfazl Akbari**, Laleh Habibi, Seyed Mohammad Akrami. Effect of Copper sulfate on Expression of Endogenous L1 Retrotransposons in HepG2 Cells (Hepatocellular carcinoma). *Biological Trace Element Research* **2015**; 165(2) :131-134.
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- 20- **Abolfazl Akbari**, Masoumeh Mohebi, Nahid Babaie, Mansour Heidari. Identification of a de novo 3bp deletion in CRYBA1/A3 gene in autosomal dominant congenital cataract. Acta Medica Iranica. **2016** [Accepted].
- 21- **Abolfazl Akbari**, Gholam Reza Mobini and Mansour Heidari. Homeodomain protein transforming growth factor beta-induced factor 2-linked X (*TGIF2LX*) reduces proliferation and angiogenesis in colon adenocarcinoma. *Experimental Biology and Medicine* **2016** [under review]
- 22- **Abolfazl Akbari**, Masoumeh Mohebi, Gholam Reza Mobini, Mansour Heidari. Mutation analysis of connexin 50 gene among Iranian families with

CURRICULUM VITAE

- autosomal dominant cataracts. *Iranian Journal of Basic Medical Sciences*. **2016** [under review].
- 23- *YMK Sharifi, A Akbari, DMM Soltan*. Multiplex polymerase chain reaction (PCR) assay for simultaneous detection of shiga-like toxin (stx1 and stx2), intimin (eae) and invasive plasmid antigen H (ipaH) genes in diarrheagenic Escherichia coli. *African Journal of Biotechnology* **2011**, 10(9): 1522-1526.
- 24- Mohammad Hasan Shirazi, **Abolfazl Akbari**, Mohammad kazem Sharifi Yazdi, Mostafa Hosseini, Fatemeh Fardsanei, Ronak Bakhtiari ,Mohammad Mehdi Soltan Dallal. Antibiotic resistance patterns of enteropathogenic E.coli(EPEC) serogroups isolated from stool of under 5 years old children with diarrhea in Tehran:2007- 2008. *Iran J Med Microbiol* **2009**, 2(3,4): 59-65.
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- 27- Amiri A, **Akbari A**, Bastin H. Effect of aerobic fitness on reduction of physiological stress in women. *Iranian Journal of Critical Care Nursing (IJCCN)* **2009**, 1(1): 13-18.
- 28- Saeed Eshraghi , Mohammad Mehdi Soltan Dalall , Fatemeh Fardsanei , Taghi Zahraii Salehi , Reza Ranjbar , Bahram Nikmanesh , Farzaneh Aminharati , Zahra Abdosamadi, **Abolfazl Akbari**. *Salmonella enteritidis* and antibiotic resistance patterns: a study on 1950 children with diarrhea. *Tehran Univ Med J (TUMJ)* **2010**, **15**: 876-882.
- 29- MM Amiri, M Abastabar and **A Akbari**. Probiotics and their role in health and disease prevention. *Journal of Laboratory Diagnosis* **2008**, 10: 48-54.

FIELDS OF INTEREST

- Study of gene expression, signaling pathways and molecular mechanisms in cancers and metabolic diseases.
- Genetic engineering; for functional evaluation of oncogene and tumor suppressor genes/proteins in the cancer cell signaling.

CURRICULUM VITAE

- Study of miRNAs and lncRNAs and their roles in cancers and metabolic diseases (molecular pathways regulated by non-coding RNAs).
- Identification of circulating biomarkers for early detection of cancers.
- Research on anti-cancer drugs, delivery and assays (in vitro and in vivo).