

Curriculum Vitae

Ebrahim Faghihloo

PERSONAL INFORMATION:

Name: Ebrahim Faghihloo

Sex: Male

Nationality: Iranian

Address: Department of Medical Microbiology, School of Medicine,
Shahid Beheshti University of Medical Sciences, Tehran, Iran.

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UNIVERSITY EDUCATIONS:

- Ph.D. in Medical Virology, Department of Virology, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran, 2010-2015.
- M.Sc. in Medical Virology, Department of Virology, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran, 2007-2010.

AWARDS:

- Being the top Ph.D. student in First Avicenna Student Festival, Tehran University of Medical Sciences (2014).
- Ranking the first in PhD entrance national exam of Medical Virology (2010).
- Ranking the fourth in M.Sc. entrance national exam of Medical Virology (2007).

PUBLICATIONS:

1. Transcriptional suppression of E-cadherin by HPV16 E6 and E7 oncogenes is independent of hypermethylation of E-cadherin promoter. **Faghihloo E**, Sadeghizadeh M, Shahmahmoodi S, Mokhtari-Azad T. **Iranian Red Crescent Medical Journal**. (In Press)
2. Modulation of transforming growth factor- β signaling transducers in colon adenocarcinoma cells induced by staphylococcal enterotoxin B. Akbari A, Mobini GR, Maghsoudi R, Akhtari J, **Faghihloo E**, Farahnejad Z. **Molecular Medicine Reports**. 2016 Jan; 13(1):909-14.
3. Genetic characterization of the wboA gene from the predominant biovars of Brucella isolates in Iran. Etemady A, Mohammadi M, Esmaelizad M, Alamian S, Vahedi F, Aghaeipour K, Behrozikhah AM, **Faghihloo E**, Afshar D, Firuziyar S, Rahimi A. **Electronic Physician**. 2015, 7, 1381-1386.

4. Identification of Azole Resistance Markers in Clinical Isolates of *Candida tropicalis* Using cDNA-AFLP Method. Kanani A, Zaini F, Kordbacheh P, Falahati M, Rezaie S, Daie R, Farahyar S, Safara M, Fateh R, **Faghihloo E**, Fattahi A, Heidari M. **Journal of Clinical Laboratory Analysis**. 2015, 14: 1-7.

5. Genotype circulation pattern of human respiratory syncytial virus in Iran. **Faghihloo E** , Yavarian J , Shafiei Jandaghi NZ , Shadab A , Mokhtari Azad T. **Infection, Genetics and Evolution**. 2014, 22: 130–133.

6. Prevalence and Characteristics of Epstein–Barr Virus-associated Gastric Cancer in Iran. **Faghihloo E**, Saremi MR, Mahabadi M, Akbari H, Saberfar E. **Arch Iran Med**. 2014 , 17(11):767-770.

7. Evaluation of antitumor activity of a TGF-beta receptor i inhibitor (SD-208) on human colon adenocarcinoma. Akbari A, Amanpour S, Muhammadnejad S, Ghahremani MH, Ghaffari SH, Dehpour AR, Mobini GH, Shidfar F, Abastabar M, Khoshzaban A, **Faghihloo E**, Karimi A, Heidari M. **DARU Journal of Pharmaceutical Sciences**. 2014, 22:47.

8. Phylogenetic Analysis of Human Astrovirus Infection among Children Suffering from Gastroenteritis Referred to Aboozar Hospital, Ahvaz, Iran. Mozhgani SHR, **Faghihloo E**, Makvandi M, Samarbaf-Zadeh AR, Zareh-Khoshchereh R, Ajourloo M, Mousavi-Nasab SD, Borhani K. **Iranian Journal of Virology** 2012;6(3): 32-35.

9. Molecular epidemiology of human respiratory syncytial virus in Iran. **Faghihloo E**, Rezaei F, Salimi V, Naseri M, Mamishi S, Mahmoodi M, Mokhtari-Azad T. **Acta virologica**. 2011, 55: 81 – 83.

10. Genetic diversity in the G protein gene of human respiratory syncytial virus among Iranian children with acute respiratory symptoms. **Faghihloo E**, Salimi V, Rezaei F, Naseri M, Mamishi S, Mahmoodi M, Mokhtari-Azad T. **Iran J Pediatr**. 2011, 21: 58-64.

11. Molecular epidemiology of human respiratory syncytial virus in Iranian children less than 5 years in 2007: A study on 72 cases. **Faghihloo E**, Rezaei F, Salimi V, Naseri M, Mamishi S, Mahmoodi M, Mokhtari-Azad T. **Tehran University Medical Journal**. 2010. 68(3):194-199. (In Persian)

12. A Study of Human Respiratory Syncytial Virus Genotypes in Children Less Than 5 Years of Age with Acute Respiratory Symptoms in 2007 and 2009. **Faghihloo E**, Rezaei F, Salimi V, Naseri M, Mamishi S, Mahmoodi M, Mokhtari-Azad T. **Scientific Journal of Ilam University of Medical Sciences**. 2010. 18(3): 69-78. (In Persian)

PRESENTATIONS:

1. **Faghihloo E**, Sadeghizadeh M, Mokhtari-Azad T. Human papillomavirus E6 and E7 proteins repress expression of tumor suppressor protein E-cadherin in HCT-116 cell line. **Oral Presentation**, 7th International

Congress of Laboratory and Clinic and 1st Congress of Clinical Virology. Tehran-Iran (2015).

2. **Faghihloo E**, Sadeghizadeh M, Mokhtari-Azad T. Cdc6 overexpression is induced by HPV16 E6 and E7 oncogenes represses E-cadherin expression. **Poster Presentation**, 6th International Congress of Newest Research Achievements in Medical Science. Tehran-Iran (2015).

3. **Faghihloo E**. Prevalence and Characteristics of Epstein-Barr virus-associated Gastric Cancer in Iran. **Poster Presentation**, 7th International Congress of Laboratory and Clinic and 1st Congress of Clinical Virology. Tehran-Iran (2015).

4. **Faghihloo E**, Mokhtari-Azad T. Valproic acid reduces HPV E7 oncoprotein expression and restores E-cadherin in HPV positive cell lines. **Poster Presentation**, 7th International Congress of Laboratory and Clinic and 1st Congress of Clinical Virology. Tehran-Iran (2015).

5. **Faghihloo E**, Mokhtari-Azad T. Pattern of HRSV epidemics in Iran. **Oral Presentation**, 25th International Congress of Pediatrics. Tehran-Iran (2013).

6. **Faghihloo E**. Molecular epidemiology of human respiratory syncytial virus in Iran. **Oral Presentation**, 6th Iranian Congress of Virology. Tehran-Iran (2012).

7. **Faghihloo E**, Yavarian J. Genotype circulation pattern of respiratory syncytial virus in Iran. **Oral Presentation**, the First International Congress of Clinical Microbiology. Mashhad-Iran (2012).

8. **Faghihloo E**. Naseri M, Mokhtari-Azad T. Genetic characteristics associated with the severity of acute viral bronchiolitis by respiratory syncytial virus. **Oral Presentation**, 4th Congress of Laboratory and Clinic. Tehran-Iran (2011).

9. **Faghihloo E**, Naseri M, Mokhtari-Azad T. Prevalence and Characteristics of RSV. **Oral Presentation**, 3th Congress of Laboratory and Clinic. Tehran-Iran (2010).

10. **Faghihloo E**, Mokhtari-Azad T. Genetic Diversity in the G Protein Gene of Human Respiratory Syncytial Virus among Iranian Children with Acute Respiratory Symptoms. **Oral Presentation**, 22nd International Congress of Pediatrics. Tehran-Iran (2010).

11. **Faghihloo E**, Mokhtari-Azad T. Phylogenetic Analysis of human respiratory syncytial virus in Iranian children less than 5 years in 2007: A study on 72 cases. **Oral Presentation**, 21st International Congress of Pediatrics. Tehran-Iran (2009).

RESEARCH PROJECTS LEADER OR CO-WORKER:

1. A study of prevalence and genotypes of human respiratory syncytial virus in hospitalized patients over 60 years of age with acute respiratory symptoms in 2014-2015. (**Leader**)

2. The Effects of E7 protein of human papilloma virus type 16 on E-cadherin promoter methylation and CDC6 and E-cadherin expression in cell line HCT116. (**Leader**)

3. A study of prevalence and human respiratory syncytial virus genotypes in respiratory samples were collected from children below 2 years old with acute respiratory symptoms in 2011-2012. (**Leader**)

4. Effect of histone deacetylase inhibitor, oxamflatin, on tumor suppressor protein E-cadherin expression in gastric cancer cell line MKN-45. (**Co-worker**)

5. A Study of Human Respiratory Syncytial Virus Genotypes in Children Less Than 5 Years of Age with Acute Respiratory Symptoms in 1386 and 1387. (**Co-worker**)

6. A Study of relationship between CNR2 receptor polymorphism from children below 2 years old with acute respiratory symptoms in Imam Khomeini hospital. (**Co-worker**)

7. The study of Lipid Oxidative Enzymes expression in cervical tissue from persons with cervical cancer and controls. (**Co-worker**)

8. The study of Prevalence and Characteristics of Epstein-Barr virus associated Gastric Cancer in Iran. (**Co-worker**)

RESEARCH EXPERIENCES:

- **Cell culture.**
- **Viral culture.**
- **Serological methods:** HI, HA, IF, ELISA, NT.
- **Molecular biology methods:** PCR, RT- PCR, Real-time PCR, Methylation specific-PCR, Cloning, shRNA applications.
- **SDS-PAGE, Western Blot.**
- **Bioinformatics software:** BioEdit, Treecon, Clustal X, Oligo Ver.7, Gene Runner, Primer design, Mega, Image J.
- **Statistical analysis software:** SPSS, GrapPad Prism 5.

BOOK:

- Persian translated and summarized of Zinsser microbiology. Akbari A, **Faghihloo E**, Reza big Verdi.

WORKSHOPS ORGANIZER:

● **PCR Principals and Troubleshooting**, 8th International Iranian Congress of Laboratory and Clinic. Tehran, Iran.

● **RNA Extraction for Gene Expression Analysis**, 8th International Iranian Congress of Laboratory and Clinic. Tehran, Iran.

CONFERENCES/ WORKSHOPS ATTENDED:

1. The member of executive committee at 8th International Iranian Congress of Laboratory and Clinic.

2. Secretary of workshops at 7th International Congress of Laboratory and Clinic and 1st Congress of Clinical Virology.

3. The member of executive committee at 7th International Congress of Laboratory and Clinic and 1st Congress of Clinical Virology.

4. The member of judgment committee at 6th International Congress of Laboratory and Clinic.

5. The member of executive committee at 6th International Congress of Laboratory and Clinic.

6. The member of executive committee at 5th Iranian Congress of Virology.

7. The member of executive committee at 2nd International Student Congress of Biotechnology.

8. Attended at 7th International Congress of Laboratory and Clinic and 1st Congress of Clinical Virology.

9. Attended at 6th International Congress of Laboratory and Clinic.

10. Attended at 5th Iranian Congress of Virology.

11. Attended at 2th Congress of Laboratory and Clinic.

12. Attended at Workshop of Gene Transfer.

13. Attended at Workshop of New technology on CD4 Counting in patients with HIV.

14. Attended at Workshop of Laboratory analysis of oncogenes as determinant of the course of cancer therapy.

15. Attended at Workshop of Cancer stem cells: Laboratory techniques and their role in causation and treatment of human cancers.

16. Attended at Workshop of How to write an internationally competitive grant proposal.

17. Attended at Workshop of Principle in phylogenetic analysis.

18. Attended at Workshop of Next Generation Sequencing.

