



## Current Position

Associate Professor of medical virology  
Department of Laboratory Sciences, School of Allied Medical Sciences,  
Ilam University of Medical sciences

## Education

| Grade                                | University                            | Country |
|--------------------------------------|---------------------------------------|---------|
| Bachelor's<br>Laboratory<br>Sciences | Shiraz University of Medical Sciences | Iran    |
| Master<br>medical virology           | Tarbiat Modares                       | Iran    |
| P.H.D<br>medical virology            | Tarbiat Modares                       | Iran    |

## CONTACT

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## ADDITIONAL SKILLS And Research Interests

- Vaccine study
- Diagnostic Virology
- Viral Epidemiology
- Papilloma and cervical cancer

## Thesis

*Comparison of antitumor activity of mesenchymal stem cells and TC1 Transfected with Herpes Thymidine Kinase Nanoparticles in a Papilloma Virus Tumor Model*

## Teachings

*Medical virology  
Immunology for infectious disease  
Molecular technique  
Principles of safety and protection in the laboratory*

## *Publication*

**1-** Falahi S, Arvaneh K, Nourmohammadi H, Abdoli A, Bozorgomid A, Kenarkoohi A. Prevalence and Genotyping of Human Papillomavirus DNA in Peripheral Blood Mononuclear Cells from Blood Donors in Iran. *New Microbes and New Infections*. 2025 May 7:101593.

**2-** Abdoli A, Mazaherifar S, Solhjoo K, Zargar MF, Jahromi HP, Taghipour A, Darayesh M, Badri M, Pirestani M, Falahi S, Kenarkoohi A. Effect of Rodent Control Program on incidence of zoonotic cutaneous leishmaniasis, Iran. *Emerging Infectious Diseases*. 2024 Jul;30(7):1447.

**3-** Abdoli A, Mazaherifar S, Solhjoo K, Zargar MF, Jahromi HP, Taghipour A, Darayesh M, Badri M, Pirestani M, Falahi S, Kenarkoohi A. Effect of Rodent Control Program on incidence of zoonotic cutaneous leishmaniasis, Iran. *Emerging Infectious Diseases*. 2024 Jul;30(7):1447.

**4-** Ghaneialvar H, Mohseni MM, Kenarkoohi A, Kakaee S. Are miR-26a and miR-26b microRNAs potent prognostic markers of gestational diabetes?. *Health Science Reports*. 2024 Jun;7(6):e2152.

**5-** Mazaherifar S, Erfanian S, Solhjoo K, Roustazadeh A, Darayesh M, Taghipour A, Falahi S, Kenarkoohi A, Badri M, Heidarnejadi SM, Rasti S. Detection of Leishmania RNA Virus 2 (LRV2) among Clinical Isolates of Leishmania Major in Four Endemic Regions of Iran. *Acta Parasitologica*. 2024 Aug 27:1-5.

**6-** Abdoli A, Falahi S, Kenarkoohi A. COVID-19-associated opportunistic infections: a snapshot on the current reports. *Clinical and experimental medicine*. 2022 Aug;22(3):327-46.

**7-** Fattahi M, Rezaee D, Fakhari F, Najafi S, Aghaei-Zarch SM, Beyranvand P, Rashidi MA, Bagheri-Mohammadi S, Zamani-Rarani F, Bakhtiari M, Bakhtiari A, Kenarkoohi A. microRNA-184 in the landscape of human malignancies: a review to roles and clinical significance. *Cell Death Discovery*. 2023 Nov 24;9(1):423.

**8-** Falahi S, Kenarkoohi A. Host factors and vaccine efficacy: implications for COVID-19 vaccines. *Journal of medical virology*. 2022 Apr;94(4):1330-5.

**9-** Rayatdoost E, Rahmanian M, Sanie MS, Rahmanian J, Matin S, Kalani N, Kenarkoohi A, Falahi S, Abdoli A. Sufficient sleep, time of vaccination, and vaccine efficacy: a systematic review of the current evidence and a proposal for COVID-19 vaccination. *The Yale journal of biology and medicine*. 2022 Jun 30;95(2):221.

**10-** Falahi S, Abdoli A, Kenarkoohi A. Maternal COVID-19 infection and the fetus: Immunological and neurological perspectives. *New Microbes and New Infections*. 2023 Jun 1;53:101135.

Kaffashian MR, Hassaniazad M, Kenarkoohi A, Ghanbarnejad A, Falahi S, Kazemi Jahromi M, Ghaneialvar H. Changes in physiological levels of cortisol and adrenocorticotrophic hormone upon hospitalization can predict SARS-CoV-2 mortality: a cohort study. *International Journal of Endocrinology*. 2022;2022(1):4280691.

**12-** Kenarkoohi A, Maleki M, Ghiasi B, Bastani E, Pakzad I, Bonyadi M, Abdoli A, Falahi S. Prevalence and clinical presentation of COVID-19 infection in hemodialysis patients. *Journal of nephropathology*. 2022 Jan 1;11(1).

**13-** Vastani ZF, Ahmadi A, Abounoori M, Ardeshiri MR, Masoumi E, Ahmadi I, Davodian A, Kaffashian M, Kenarkoohi A, Falahi S, Mami S. Interleukin-29 profiles in COVID-19 patients: Survival is associated with IL-29 levels. *Health Science Reports*. 2022 Mar 9;5(2):e544.

**14-** Falahi S, Mohamadi J, Sayyadi H, Pakzad I, Rashidi A, Naserifar R, Abdi J, Kenarkoohi A. COVID-19 vaccination, peltzman effect and possible increase in highrisk behaviors: a growing concern related to risk compensation and reduced compliance to public health protective measures after vaccines rollout. *Infectious Disorders-Drug TargetsDisorders*). 2022 Dec 1;22(8):8-12.

**15-** Ghaneialvar H, Shiri S, Kenarkoohi A, Fallah Vastani Z, Ahmadi A, Khorshidi A, Khooz R. Comparison of Visfatin levels in patients with breast cancer and endometrial cancer with healthy individuals: A systematic review and Meta-Analysis. *Health science reports*. 2022 Nov;5(6):e895.

**16-** Kenarkoohi A, Maleki M, Safari T, Kaffashian MR, Saljoughi F, Sohrabipour S. Angiotensin-converting enzyme 2 roles in the pathogenesis of COVID-19. *Current hypertension reviews*. 2021 Dec 1;17(3):207-16.

**17-** Kenarkoohi A, Falahi S, Ghelijie F, Mirzaei A. Seroprevalence of Hepatitis E Virus infection among pregnant women in Ilam, west of Iran. *Infectious Disorders-Drug TargetsDisorders*). 2021 Aug 1;21(5):85-8.

**18-** Kenarkoohi A, Abdoli A, Rostamzad A, Rashnavadi M, Naserifar R, Abdi J, Shams M, Bozorgomid A, Saeb S, Al-Fahad D, Khezri K. Presence of CRISPR CAS-Like Sequences as a Proposed Mechanism for Horizontal Genetic Exchanges between *Trichomonas vaginalis* and Its Associated Virus: A Comparative Genomic Analysis with the First Report of a Putative CRISPR CAS Structures in Eukaryotic Cells. *BioMed Research International*. 2023;2023(1):8069559.

**19-** Falahi S, Bastani E, Pakzad I, Rashidi A, Abdoli A, Kenarkoohi A. Environmental surface contamination with SARS-CoV-2: toilets as the most contaminated surfaces in COVID-19 referral hospital. *Hospital*

topics. 2023 Apr 3;101(2):65-72.

**20-** Haghbin M, Maani S, Bagherzadeh MA, Bazmjoo A, Shakeri H, Taghipour A, Falahi S, Kenarkoohi A, Badri M, Abdoli A. Latent Toxoplasmosis among Breast Cancer Patients in Jahrom, South of Iran. *International Journal of Breast Cancer*. 2023;2023(1):4792260.

**21-** Falahi S, Abdoli A, Kenarkoohi A. Claims and reasons about mild COVID-19 in children. *New microbes and new infections*. 2021 May 1;41:100864.

**22-** Kenarkoohi A, Noorimotlagh Z, Falahi S, Amarloei A, Mirzaee SA, Pakzad I, Bastani E. Hospital indoor air quality monitoring for the detection of SARS-CoV-2 (COVID-19) virus. *Science of the Total Environment*. 2020 Dec 15;748:141324.

**23-** Falahi S, Sayyadi H, Abdoli A, Kenarkoohi A, Mohammadi S. The prevalence of human bocavirus in < 2-year-old children with acute bronchiolitis. *New Microbes and New Infections*. 2020 Sep 1;37:100736.

**24-** Abdoli A, Taghipour A, Pirestani M, Jahromi MA, Roustazadeh A, Mir H, Ardakani HM, Kenarkoohi A, Falahi S, Karimi M. Infections, inflammation, and risk of neuropsychiatric disorders: the neglected role of "co-infection". *Heliyon*. 2020 Dec 1;6(12).

**25-** Kenarkoohi A, Bamdad T, Soleimani M, Soleimanjahi H, Fallah A, Falahi S. HSV-TK expressing mesenchymal stem cells exert inhibitory effect on cervical cancer model. *International journal of molecular and cellular medicine*. 2020 Aug 10;9(2):146.

**26-** Ghaneialvar H, Lotfi AS, Arjmand S, Soltani L, Kenarkoohi A, Zangeneh MM. Comparison of transduction efficiency among various cell types by a lentivector containing CMV promoter. *Comparative Clinical Pathology*. 2019 Aug 1;28:1077-85.

**27-** Kenarkoohi A, Soleimani M, Bamdad T, Soleimanjahi H, Estiri H, Razavi-Nikoo MH. Efficient lentiviral transduction of adipose tissue-derived mouse mesenchymal stem cells and assessment of their penetration in female mice cervical tumor model. *Iranian journal of cancer prevention*. 2014;7(4):225.

**28-** Falahi sh , Ravanshad m, Kenarkoohi A. Development of semi-nested pcr for simultaneous detection of HIV 1 hyper variable region from different genotype for phylogenetic analysis. *The 3rd Iranian Congress of Clinical Microbiology* .2009.

**29-** Falahi sh , Ravanshad M, Kenarkoohi A. Prediction of r5, x4 hiv-1 coreceptor utilization based on physicochemical properties of envelope v3-loop using artificial neural network. *International Journal of Infectious Diseases* 2010; (14): E241-E241.

**30-** Kenarkoohi A, Ravanshad M, Falahi sh. Development of a new

## Scientific profile

genotyping system for predicting TTV genotype using evolutionary restriction map and artificial neural network. International Journal of Infectious Diseases 2010; (14): E474-E475.

**31-** Kenarkoohi A, Ravanshad M, Rasooli M, Falahi sh. Molecular detection of torqueteno virus in plasma sample of HCV infected patients. The 3 rd Iranian Congress of Clinical Microbiology .2009

### ScopusProfile:

<https://www.scopus.com/authid/detail.uri?authorId=57207694989>

**Google scholar:** <https://scholar.google.com/citations?user=nC-X2oQAAAAJ&hl=en>

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## Memberships

- **Member of the Educational Council of the Allied Medical Sciences,**  
**Ilam University of Medical sciences**
- **Member of the Research Council of the Faculty of Paramedical Sciences, Ilam University of Medical Sciences**