

Fatemeh Fallah

Professor of clinical Microbiology

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(SBMU)

Pediatric Infections Research Center. (SBMU)

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Web page:

<https://microbiology.sbm.ac.ir/Microbiology-Department>

<http://ismbac.ir>

<https://pirc.sbm.ac.ir/>

Research Interest:

My research interests fall into the fields of Bacterial infection, Antibiotic Resistance, Mycobacterium vaccine (BCG), the activity of herbal medicines (natural plant) against bacteria and fungi.

At the moment I'm teaching Bacteria to medical, dentist, pharmacist students. As well as research about my interested field.

Education:

- July to october 2001- Postdoctoral fellowship at **Bradford School of Pharmacy** Bradford University, UK. Major: Anti-mycobacterium drug (Natural products) , **Supervisor:** W.C. Wright
- 1982-1992-: Specialist of Clinical Microbiology from Medical School of Shaheed Beheshti University. Major: Culture Media for Mycobacterium , **Supervisor :** Yahya Hemmati

- 1979-1985- D.V.M of Veterinary Medicine of Tehran Univ.Major:Prion .**Supervisor** Hadi Kayvanfar
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Articles : 194 articles from 2003 to 2024(first or corresponding or co-authors)

16 corresponding author in 5 years ago 3 first author

Research studies: 91 research studies from 2004 to 2024; project (55) and Thesis (36)
(as grants of Pediatric Infection Research Center **and** Research Ministry of SBMU)

Teaching: Bacteriology to Medical ,pharmacist and dentist students ,MS and PhD students in Medical and pharmacy and Dentist school

Administrative Experience and Executive Positions

2022 until now - Member of the educational council for assistants and PhD students in the Faculty of Medicine

2022 until now - Member of the educational council for assistants and medical students in the Faculty of Medicine

2001 until now -Member of the International Society of Infectious Diseases (ISID)

2018 until now - President of Medical Bacteriology Society<http://ismbac.ir>

2017 until now - Educational deputy of Research Institute for Children's Health, Mofid Children Hospital

2009 until now – Deputy Director of Pediatric Infectious Research Center, Mofid Children Hospital

1996 until now – Faculty member of Microbiology Dep.,Medical School , Shahid Beheshti Medicine Science:

2009 until now- Member of PIRC Research Council

2009 until now- Member of Member of the Research Council of the Infectious and Tropical Research Center

1986-1996- Faculty member of BCG Vaccine Department, Pasteur Institute of Iran

(As researcher and active in production of BCG vaccine)

Interested Research and education field:

Antibiotic

resistance

BCG vaccine

anaerobic

bacteria

The activity of herbal medicines (natural plant) against bacteria and fungi Mycobacterial infections

Awards and Honors

1-Perfect master- 2014 year

2-Perfect researcher-year.....

3-perfect research (project)- yeast..

Research Projects


1-Grant of Medical school of (More than 1000 Citations on Scopus) The effect of protective medium's material in long life time of bacteria by CFU- colony forming unit and molecular methods /2022/ 18 million toman :


2-Grant of Research Institute Children's Health (Detection a Rapid method) -Designing and Evaluation of an Internally Controlled Multiplex TaqManReal-Time PCR-110/2019 -30 million toman


3-Grant Research Ministry of SBMU of (H-index 16-20), Determination of fungal colonization in BAL sample of children with coronavirus (Covid-19) in COVID ICU, Mofid Hospital by Molecular method in 6 months-01/2023/ 18 million toman


4- Grant Research Ministry of SBMU of(Corona 19 research) , Investigation of coronavirus from COVID-19 suspected domestic cats and owners referred to veterinary clinics in Tehran ,2021-22-20 million toman


International Collaborations


1-Mansour Ghanaie, R., Boone, I., Shamshiri, A.R., (...), Elikaei, A., **Fallah F.** Alebouyeh, M
Seroepidemiological and Molecular Survey for the Detection of SARS-CoV-2 Infection among Children in Iran, September 2020 to June 2021: 1-Year Cross-Sectional study . 2023 (2023-7-1).
Microorganisms, 11(7):Collaboration : 


2-Abedifar, Z., **Fallah, F.**, Asadiamoli, F., Bourrie, B., Doustdar, F. Chlamydia trachomatis Seroar Distribution in Patients with Follicular Conjunctivitis in Iran2023 [Turkish Journal of Ophthalmology](#), 53(4):218-221 (2023-7-31) Collaboration : 


3-Karimi, A., Rafiei Tabatabaei, S., Azimi, L., (...), **Fallah, F.**, Faghihian, I. Tracing the Negative Results of Multiplex Real-Time PCR Assay for Diagnosis of Bacterial Pediatrics Meningitis. [Canadian Journal of Infectious Diseases and Medical Microbiology](#), 2023. collaboration : 

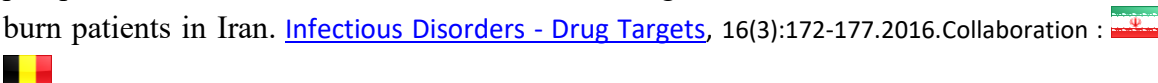
4-Karimi, A., Ghanaiee, R.M., Masjedi, M.R., **Fallah F.** (...), Sarmadi, M., Rajabnejad, M. Corrigendum to: Development of a Novel Scoring System for Comprehensive COVID-19 Patient Evaluation: Evidence-Based Systematic Review (Archives of Pediatric Infectious Diseases) [Archives of Pediatric Infectious Diseases](#), 10(2)-2022-Collaboration : 


5-Ghanaie, R.M., Karimi, A., Azimi, L., **Fallah F.** (...), Tabatabaei, S.R., Hoseini-Alfatemi, S.M. Diagnosis of latent tuberculosis infection among pediatric household contacts of Iranian tuberculosis cases using tuberculin skin test, IFN- gamma release assay and IFN-gamma-induced protein-10 . [BMC Pediatrics](#), 21(1 2021-collaboration : 


6-Alebouyeh, M., Aavani, P., Abdulrahman, N.A., (...), **Fallah F.**, Eshghi, P., Azimi, L. Re-positive PCR of SARS-CoV-2 in health care persons during COVID-19 pandemic. [Cellular and Molecular Biology](#), 67(5):138-143, 2021. Collaboration: 


7-Jabbari Shiadeh, S.M., Hashemi, A., **Fallah, F.**, (...), Azimi, L., Rashidan, M. First detection of EfrAb, an ABC multidrug efflux pump in Enterococcus faecalis in Tehran, Iran. [Acta Microbiologica et Immunologica Hungarica](#), 66(1):57-68. 2019-collaboration: 


8-Tajbakhsh, M., Karimi, A., Tohidpour, A., (...), **Fallah F.**, Akhavan, M.M. The antimicrobial potential of a new derivative of cathelicidin from Bungarus fasciatus against methicillin-resistant Staphylococcus aureus. [Journal of Microbiology](#), 56(2):128-137. 2018-collaboration: 


9- Bijari, A., Azimi, L., **Fallah, F.**, (...), Lari, E.R., Lari, A.R. Involvement of the multidrug efflux pumps in betalactams resistant Pseudomonas aeruginosa clinical isolates collected from burn patients in Iran. [Infectious Disorders - Drug Targets](#), 16(3):172-177. 2016. Collaboration : 


10- Nateghian, A., **Fallah, F.**, Daghighi, Z., (...), Hashemi, A., Robinson, J.L. Detection of virulence genes in resistant enterococci isolated from pediatric patients at high risk for nosocomial infections. [Diagnostic Microbiology and Infectious Disease](#), 85(2):260-262. 2016. Collaboration : 



11-Sharifi-Rad, M., Tayeboon, G.S., Miri, A., **Fallah F.** (...), Tahanzadeh, N., Sharifi-Rad, J. Mutagenic, antimutagenic, antioxidant, anti-lipoxygenase and antimicrobial activities of Scandix pecten-veneris L. [Cellular and Molecular Biology](#), 62(6):8-16. 2016. collaboration: 



12-Sharifi-Rad, J., **Fallah, F.**, Setzer, W.N., Entezari Heravi, R., Sharifi-Rad, M. Tordylium persicum Boiss. & Hausskn extract: A possible alternative for treatment of pediatric infectious diseases. [Cellular and Molecular Biology](#), 62(9):20-26. 2016. Collaboration : 



13-Sharifi-Rad, J., Van Belkum, A., **Fallah, F.**, Sharifi-Rad, M. Rising antimicrobial resistance in Iran. [Der Pharmacia Lettre](#), 8(7):31-33. 2016. Collaboration : 

14-Rastegar Lari, A., Azimi, L., Rahbar, M., **Fallah, F.**, Alaghebandan, R. Phenotypic detection of Klebsiella pneumoniae carbapenemase among burns patients: First report from Iran. [Burns](#), 39(1):174-176, 2013. 

15-Hajia, M., **Fallah F.**, Angoti, G., (...), Sanaei, A., Lari, A.R. Comparison of Methods for Diagnosing Brucellosis. [Lab Medicine](#), 44(1):29-33, 2013. Collaborations : 

16- Ghanaie, R.M., Karimi, A., Sadeghi, H., **Fallah F.**, (...), Shamshiri, A., Shiva, F. Frequency of pertussis in Iranian school-age children. [Journal of Pediatric Infectious Diseases](#), 8(1):1-5, 2013. Collaborations :  

17- Golshani, M., Eslami, G., Mohammadzadeh Ghobadloo, Sh., (...), **Fallah F.**, Soleimani Rahbar, A.A., Fayaz, F. Detection of Chlamydia trachomatis, mycoplasma hominis and Ureaplasma urealyticum by multiplex PCR in Semen sample of infertile men. [Iranian Journal of Public Health](#), 36(2):50-57, 2007. Collaborations :  

18- Gibbons, S., **Fallah, F.**, Wright, C.W. Cryptolepine hydrochloride: A potent antimycobacterial alkaloid derived from Cryptolepis sanguinolenta. [Phytotherapy Research](#), 17(4):434-436, 2003. Collaborations :  

Research Publications

Books :

- - Performance Standard for Antimicrobial Susceptibility Testing translate English to Farsi
- -CLSI 2014
- -Translate “Medical Virology of Jawetz” –English to Farsi 2007
- -Disinfection and sterilization methods one - Writing in Farsi 2002
- -Disinfection And Sterilization -2-Writing in Farsi 2007
- -Medical virology of Jawetz in Farsi-2000
- -Translate of “Clinical microbiology Murray’s” to Farsi
- -Basic Laboratories method in Clinical Bacteriology with CLSI in Farsi 2014
- -Common Infectious Bacteria in Iran 2013
- -Review of Helicobacter pylori 2016

• Selected Conference (or Seminar) paper presentations

I have participated many national conferences that some of them as follow;

- T.B. strategy for Africa. Cape town, **South Africa** , 2000.
- 10th of Infectious disease congress ICID, **Singapore** March , 2001.
- Microbiology congress , **Paris** , sep. 2002
- Congress of Neurology , **Italy**, sep. 2003
- Second congress of pathology.. **Iguassu-Falls, Brazil**. June, 2004
- 14th Mediterranean congress of Chemotherapy & Infectious Disease 25-28 Nov. 2004
- 8th International Conference of Emerging Technologies in Drug and Gene-based Therapeutics., **Crete-Greece**. 3-10 Sep 2005

- Infectious disease congress ICID,, **Lisbon Portugal**. June 15-18, 2006
- International meeting & workshop Tb vaccine 07, **Cuba, Varadero**, 13-17 May 2007
- 3th European microbiology congress –FEMS ,**Göteborg-Sweden** 29 June-2008
- 14th international congress of Immunology,**Kobe, Japan**, 22-27 Aug. 2010
- 2nd International Conference on Medical and Clinical Microbiology.**Melbourne, Australia** 16-17 July 2018

Journal Reviewer

Archives of Pediatric Infectious Diseases IF:0.7 28 reviewing papers-Certificates are attached
 Archives of Clinical Infectious Disease- IF:1.4 19” “ “ - Certificates are attached
 The Infectious Disease and Tropical Medicine Research Center 57 Reviewing projects
 National Institute for Medical Research Development (NIMAD) 31 review of researches- Certificates are attached

Research studies:

91 research studies from 2004 to 2024; project (55) and Thesis (36)

Passed scientific workshops:

- **Berlin, 2023** -Resistant bacteria GIARP-workshop
- **Istanbul, 2015**-"Invasive Meningococcal Disease "meeting Meeting
- **Health Reference Lab 2013.CLSI (Clinical Laboratory Standard Institute)**,
- **PIRC**(Pediatric Infections Research Center),May 2010,-Antibiogram methods ,
- **PIRC**(Pediatric Infections Research Center) , June 2009-Tb workshop
- **Mongolia** June 2008–Safety in the lab.
- **Egypt**.Feb.2007-pneumonia etiology
- **PIRC**(Pediatric Infections Research Center),Oct 2009--Sampling
- **PIRC**(Pediatric Infections Research Center),Feb 2003--Sampling
- **PIRC**(Pediatric Infections Research Center) ,Mar 2003-Methodology

Attending in International Congress:

- T.B. strategy for Africa. Cape town,**South Africa** , 2000.
- 10th of Infectious disease congress ICID, **Singapore** March , 2001.
- Microbiology congress ,**Paris** ,sep.2002
- Congress of Neurology ,**Italy**,sep.2003
- Second congress of pathology.. **Iguassu-Falls,brazil**. June,2004
- 14th Mediterranean congress of Chemotherapy &Infectious Disease 25-28 Nov.2004
- 8th International Conference of Emerging Technologies in Drug and Gene-based Therapeutics.,**Crete-Greece**. 3-10 Sep 2005

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- 14th international congress of Immunology,**kobe,Japan** ,22-27 Aug. 2010
- 2nd International Conference on Medical and Clinical Microbiology.**Melbourne,Australia** 16-17 july 2018