

CURRICULUM VITAE
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Personal Information

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Education:

Tehran Medical University, Iran	Ph.D. in Medical Bacteriology
Isfahan Medical University, Iran	Master in Microbiology
Tehran University, Iran	Bachelor in Microbiology

Professional experience:

Iran Medical University, Tehran, Iran
Faculty member

Pasteur Institute of Iran, Tehran, Iran
Research fellow

Microbiology department, Medical Laboratory
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Research Assistant

1. Akram Baghani, Alireza Mesdaghinia, Ed. J. Kuijper, Amir Aliramezani, **Malihe Talebi**, Masoumeh Douraghi High prevalence of *Clostridioides difficile* PCR ribotypes 001 and 126 in Iran Sci Rep. 2020; 10: 4658. Published online 2020 Mar 13. doi: 10.1038/s41598-020-61604
2. Ali Shivaee, Behrooz Sadeghi Kalani, **Malihe Talebi**, Davood Darban-Sarokhalil Does biofilm formation have different pathways in *Staphylococcus aureus*? Iran J Basic Med Sci. 2019 Oct; 22(10): 1147–1152. doi: 10.22038/ijbms.2019.34888.8281
3. R Ghanavati, P Asadollahi, MB Shapourabadi, S Razavi, **M Talebi**. Inhibitory effects of Lactobacilli cocktail on HT-29 colon carcinoma cells growth and modulation of the Notch and Wnt/ -catenin signaling pathways Microbial pathogenesis 2020 139, 103829
4. A Aliramezani, **M Talebi**, M Douraghi Polymorphisms in the genes encoding surface associated proteins of Clostridioides difficile isolatesInfection, Genetics and Evolution, 2020, 104598
5. R Ghanavati, F Mohammadi, A Javadi, Z Shahosseini, **M Talebi**,The effects of a mixture of Lactobacillus species on colorectal tumor cells activity through modulation of Hes1 pathway PharmaNutrition2020 13, 100207
6. Fahime Mohammadi, Morteza Eshaghi, Shabnam Razavi, Davood Darban Sarokhalil, **Malihe Talebi**, Mohammad Reza Pourshafie. Characterization of bacteriocin production in Lactobacillus spp. isolated from mother's milk. Microbial Pathogenesis. 118 (2018) 242–246.
7. Vahid Lohrasbi, **Malihe Talebi**, Abed Zahedi Bialvaei, Lanfranco Fattorini, Michel Drancourt, Mohsen Heidary, Davood Darban-Sarokhalil. Trends in the discovery of new drugs for Mycobacterium tuberculosis therapy with a glance at resistance. Tuberculosis. 109 (2018) 17–27.
8. Mohammad Hossein Ahmadi, Akbar Mirsalehian, Mohammad Ali Sadighi Gilani, Abbas Bahador, and **Malihe Talebi**. Asymptomatic Infection With *Mycoplasma hominis* Negatively Affects Semen Parameters and Leads to Male Infertility as Confirmed by Improved Semen Parameters After Antibiotic Treatment. Urology 100 (2017)

9. Morteza Eshaghi, Meysam Hasannejad Bibalan, Abazar Pournajaf, Mehrdad Gholami, and **Malihe Talebi**. Detection of New Virulence Genes in *mecA*-positive *Staphylococcus aureus* Isolated From Clinical Samples The First Report From Iran. *Infectious Diseases in Clinical Practice* (2017).
10. Morteza Eshaghi , Meysam Hasannejad Bibalan, Mahdi Rohani, Maryam Esghaei, Masoumeh Douraghi, **Malihe Talebi**, Mohammad Reza Pourshafie. *Bifidobacterium* obtained from mother's milk and their infant stool; A comparative genotyping and antibacterial analysis. *Microbial Pathogenesis*. (2017).
11. Fatemeh Navab-Moghadam, Mansour Sedighi, Mohammad E. Khamseh, Fariba Alaei- Shahmiri, **Malihe Talebi**, Shabnam Razavi, Nour Amirmozafari. The association of type II diabetes with gut microbiota composition. *Microbial Pathogenesis* (2017)
12. Mohammad Hossein Ahmadi, Akbar Mirsalehian, Mohammad Ali Sadighi Gilani, Abbas Bahador, **Malihe Talebi**. Improvement of semen parameters after antibiotic therapy in asymptomatic infertile men infected with *Mycoplasma genitalium*. *Infection*(2017)
13. Meysam Hasannejad Bibalan, Morteza Eshaghi, Mahdi Rohani, Maryam Esghaei, Davood Darban-Sarokhalil, Mohammad R. Pourshafie, and **Malihe Talebi**. Isolates of *Lactobacillus plantarum* and *L. reuteri* display greater antiproliferative and antipathogenic activity than other *Lactobacillus* Isolates. *Journal of Medical Microbiology* 2017
14. Zahra Esmaeili, Javad Sadeghi, Shabnam Razavi, Mojgan Oshaghi, Shirin Sayyahfar, Mohammad Rahbar, and **Malihe Talebi**. High Level of Biofilm Formation and Virulence³ Factors in *Enterococci* Species Isolated From Clinical and Normal Flora Samples. *Infectious Diseases in Clinical Practice*. (2017)
15. Mohammad Shokri Moghadam, **Malihe Talebi**, Faramarz Masjedian, Gholamreza Irajian, and Mohammad Reza Pourshafie. *Streptococcus pneumoniae* Serotyping by a Single Polymerase Chain Reaction–Based Multiplex Assay. *Infectious Diseases in Clinical Practice*.(2017)

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17. T. Narimani, M. Douraghi, P. Owlia, A. Rastegar, M. Esghaei, Nasr e, **M. Talebi**. Heterogeneity in resistant fecal *Bacteroides fragilis* group collected from healthy people. *Microbial Pathogenesis*. (2016)
18. Leila Azimi, **Malihe Talebi**, Farzaneh Khodaei, Mohammad Najafi, Abdolaziz Rastegar Lari. Comparison of multiple-locus variable-number tandem-repeat analysis with pulsedfield gel electrophoresis typing of carbapenemases producing *Acinetobacter baumannii* isolated from burn patients. *Burns*. 4 2 (2 0 1 6) 4 4 1 – 4 4 5
19. Leila Azimi, **Malihe Talebi**, Parviz Owlia, Mohammad-Reza Pourshafie, Mohamad Najafi, Elnaz Rastegar Lari, Abdolaziz Rastegar Lari. Tracing of false negative results in phenotypic methods for identification of carbapenemase by Real-time PCR. *Gene* 576 (2016) 166–170
20. **Malihe Talebi**, Mohammad Shafiee, Javad Sadeghi, Nasrin Asghari Moghadam, Mahnaz Saifi, and Mohammad R. Pourshafie. Genotypic Diversity of Methicillin-Resistant Coagulase-Negative Staphylococci Isolated from Inpatients and Outpatients. *Microbial Drug Resistance*. (2016) 22:2
21. N. Noohi, G. Ebrahimipour, M. Rohani, **M. Talebi** & M. R. Pourshafie. Evaluation of potential probiotic characteristics and antibacterial effects of strains of *Pediococcus* species isolated from broiler chickens. *British Poultry Science*. (2016)
22. Shirin Khanmohammadian, Mohsen Enayati, Javad Sadeghi, Gholamreza Irajian, Nour Amirmozafari, and **Malihe Talebi**. Detection of Virulence Genes in Enterococci Isolated From the Human Normal Flora by Multiplex-Polymerase Chain Reaction. *Infectious Diseases in Clinical Practice*. (2016) 24:4

23. Samira Karimaei, Javad Sadeghi, Mahla Asadian, Maryam Esghaei, Mohammad Reza Pourshafie, **Malihe Talebi**. Antibacterial potential and genetic profile of *Enterococcus faecium* strains isolated from human normal flora. *Microbial Pathogenesis*(2016)
24. Farzaneh Khodaei, Ali Ahmadi, Shirin Sayahfar, Gholamreza Irajian, and **Malihe Talebi**. The Dominance of Pilus Islet 1 in Pneumococcal Isolates Collected From Patients and Healthy Individuals. *Jundishapur J Microbiol.*(2016)
25. M. Asadian, J. Sadeghi, A. Rastegar Lari, Sh. Razavi, M. Hasannejad Bibalan, **M. Talebi**. Antimicrobial resistance pattern and genetic correlation in *Enterococcus faecium* isolated from healthy volunteers. *Microbial Pathogenesis*. (2016)
26. **Malihe Talebi**, Azadeh Azadegan, Javad Sadeghi, Ali Ahmadi, Mostafa Ghanei, Mohammad Katouli, Parviz Owlia, Mohammad R. Pourshafie. Determination of Characteristics of Erythromycin Resistant *Streptococcus pneumoniae* with Preferred PCV Usage in Iran. *PLOS ONE* (2016)
27. Mohammad Hossein Ahmadi, Akbar Mirsalehian, Mohammad Ali Sadighi Gilani, Abbas Bahador, **Malihe Talebi**, Reza Salman Yazdi. Antibiotic treatment of asymptomatic *Ureaplasma* infection improves semen parameters in infertile men. *Journal of Applied Biomedicine*. (2016)
28. M. Enayati, J. Sadeghi, M.R. Nahaei, M. Aghazadeh, M.R. Pourshafie and **M. Talebi**. Virulence and antimicrobial resistance of *Enterococcus faecium* isolated from water samples. *Letter App Microb*. (2015)
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32. Sara Javidnia, **Malihe Talebi**, Mohammad Katouli, Ali Shojaie, Abdolaziz Rastegar Lari, and Mohammad R. Pourshafie. Clonal Diversity of Meticillin-Resistant Staphylococcus aureus Isolated From Intensive Care Unit. Infectious Diseases in Clinical Practice. (2015)
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34. Shahindokht Bassiri-Jahromi, Farzad Katiraei, Mannan Hajimahmoodi, Ehsan Mostafavi, **Malihe Talebi**, Mohammad Reza Pourshafie. *In Vitro* Antifungal Activity of Various Persian Cultivars of *Punica granatum* L. Extracts Against *Candida* species Jundishapur. J Nat Pharm Prod. (2015)
35. Leila Azimi¹, **Malihe Talebi**, Mohammad-Reza Pourshafie, Parviz Owlia, Abdolaziz Rastegar Lari¹. Characterization of Carbapenemases in Extensively Drug Resistance *Acinetobacter baumannii* in a Burn Care Center in Iran. IJMCM. (2015)
36. Mahdi Rohani, Nasrin Noohi, **Malihe Talebi**, Mohammad Katouli, Mohammad R. Pourshafie. Highly Heterogeneous Probiotic Lactobacillus Species in Healthy Iranians with Low Functional Activities. PLOS ONE (2015)
37. Meysam Hasannejad Bibalan, Morteza Eshaghi, Javad Sadeghi, Mahla Asadian, Tahmineh Narimani, **Malihe Talebi**. Clonal Diversity in Multi

Drug Resistant (MDR) Enterococci Isolated from Fecal Normal Flora.
IJMCM.(2015)

38. Sadeghi A. Ahmadi, M. Douraghi, M. R. Pourshafie , **M. Talebi**. Molecular Analysis of pbp2b in Streptococcus pneumonia Isolated From Clinical and Normal Flora Samples. Current Microbiology.2014.
39. Abdollah Ardebili, Abdolaziz Rastegar Lari, and **Malihe Talebi**. Correlation of Ciprofloxacin Resistance with the AdeABC Efflux System in Acinetobacter baumannii Clinical Isolates. Annals laboratory Medicine. 2014.
40. **Malihe Talebi** , Javad Sadeghi, Mohammad R. Pourshafi. Molecular Characterization of Vancomycin-Resistant Enterococcus faecium Isolated from Intensive Care Units. Current Microbiology. 2014
41. **Malihe Talebi**, Sahar Jahangiri, Saeed Eshraghi, and Mohammad Reza Pourshafie. Ribotyping, Antibiotic Resistance Pattern, and Virulence Factors of Vancomycin- Resistant Enterococcus faecium Isolates From UTIs. Infectious Diseases in Clinical Practice.2014.
42. Javidnia , **Malihe Talebi** , Mahnaz Saifi , Mohammad Katouli , Abdolaziz Rastegar Lari, Mohammad R. Pourshafie. Clonal dissemination of methicillin-resistant Staphylococcus aureus in patients and the hospital environment. International Journal of Infectious Disease. 2013
43. Leila Azimi, Abdolaziz Rastegar lari, **Malihe Talebi**, Amirmorteza Ebrahimzadeh Namvar, Mosadegh Jabbari Comparison between phenotypic and PCR for detection of OXA-23 type and metallo-beta-lactamases producer Acinetobacter spp. GMS Hygiene and Infection Control. 2013.
44. Ali Ahmadi, **Malihe Talebi**, and Gholamreza Irajian. High Prevalence of Erythromycin and Tetracycline-Resistant Clinical Isolates of Streptococcus pneumoniae in Iran. Infectious Diseases in Clinical Practice, 2013.
45. Manijeh Sedaghat, Fateh Rahimi, Mohammad Reza Pourshafie, **Malihe Talebi**. Studies of vancomycin resistant Enterococcus faecium isolated from clinical samples from Tehran, Iran. Current research in bacteriology. 2012

46. Jahangiri S, **Talebi M**, Eslami G, Pourshafie MR. Prevalence of factors and antibiotic resistance in vancomycin resistant *Enterococcus faecium* isolated from sewage and clinical samples in Iran. *Indian Journal of Medical Microbiology*. 2010
47. Saeed Eshraghi, **Malihe Talebi**, Saeed Namaki, Abbas Mirshafiee. **Nocardia** . *Journal of Chinese clinical Medicine*, 2010.
48. Ameri S, **Talebi M**, Rahimi F, Pourshafie MR, Ebrahimipour G. The homogeneity of vanB gene cluster among enterococcal isolates in Iran. *Letters in Applied Microbiology* (2009)
49. **Talebi M**, Pourshafie M, Katouli M, Möllby R. 2008, Molecular structure and transferability of Tn1546-like elements in *Enterococcus faecium* isolates from clinical, sewage and surface water samples in Iran. *Applied and Environmental Microbiology*, 74:1350-6
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52. Ranjbar R, Soltan Dallal MM, **Talebi M**, Pourshafie MR. 2008 Increased isolation and characterization of *Shigella sonnei* obtained from hospitalized children in Tehran, Iran *J Health Popul Nutr*. 26:426-30.
53. Shaghghi B, **Talebi M**, Katouli M, Möllby R, Kühn I, Pourshafie M. 2007, Phenotypic diversity of multiple antibiotic resistant enterococci with emphasis on *Enterococcus gallinarum* carrying *vanA* and *vanB* genes. *Water, Air and Soil Pollution*, 186:255-261
54. **Talebi M**, Rahimi F, Katouli M, Kühn I, Möllby R, Eshragi S, Pourshafie M, 2007, Prevalence and antimicrobial resistance of enterococcal species in sewage treatment plants in Iran. *Water, Air and Soil Pollution*, 185:111-119

1. Peer-reviewed Domestic Publications (in English)

1. Leila Azimi, **Malihe Talebi**, Parviz Owlia, Abdolaziz Rastegar Lari. Investigated of *ampC* in Carbapenem Resistant Gram Negative Bacteria Isolated from Burned Patients. J Med Bacteriol. 2014
2. Masoume Bina, Abazar Pournajaf ,Shiva Mirkalantari, **Malihe Talebi**,Gholamreza Irajian. Detection of the *Klebsiella pneumoniae* carbapenemase (KPC) in *K.pneumoniae* Isolated from the Clinical Samples by the Phenotypic and Genotypic Methods. Iranian Journal of Pathology (2015).
3. Ali Ahmadi, Farzaneh khodaei, Maryam Esghaei, Gholamreza Irajian, **Malihe Talebi**. Differentiation of Penicillin Susceptible and Nonsusceptible *Streptococcus pneumoniae*. J Med Bacteriol. (2015)
4. **Malihe Talebi**, Javad Sadeghi, Fateh Rahimi, Mohammad Reza Pourshafie. Isolation and Biochemical Fingerprinting of Vancomycin-Resistant *Enterococcus faecium* From Meat, Chicken and Cheese. Jundishapur J Microbiol. (2015) 8(4): e15815
5. **Malihe Talebi**, Nastaran Asghari Moghadam, Zeynab Mamooii, Mohsen Enayati, Mahnaz Saifi, and Mohammad Reza Pourshafie. Antibiotic Resistance and Biofilm Formation of *Enterococcus faecalis* in Patient and Environmental Samples. Jundishapur J Microbiol. (2015).
6. Leila Azimi, Abdolaziz Rastegar Lari, **Malihe Talebi**, Amirmorteza Ebrahimzadeh Namvar, Somayeh Soleymanzadeh-Moghadam. **Evaluation of Phenotypic Methods for Carbapenemase Detection of Klebsiella Pneumoniae**. J Med Bacteriol. 2013.
7. G. Irajian, A. Ahmadi, **M. Talebi**. **The study of *Streptococcus pneumoniae* in Invasive and Non Invasive Infections and Multiplex PCR Detection of Four Virulence Genes**. Infection Epidemiology & Medicine.2013.
8. Manijeh Sedaghat, Fateh Rahimi, **Malihe Talebi** , Mohammad Reza Pourshafie Serotyping, **Antibiotic Susceptibility Pattern and Detection of hlyA Gene Among Cholera Patients in Iran**. Jundishapur J Microbiol, 2013
9. Abdollah Ardebili; **Malihe Talebi**; Leila Azimi; Abdolaziz Rastegar Lari. **Effect of**

Efflux Pump Inhibitor Carbonyl Cyanide 3-Chlorophenylhydrazonon the Minimum Inhibitory Concentration of Ciprofloxacin in *Acinetobacter* Clinical Isolates. Jundishapur J Microbiology. 2014.

10. Manijeh Sedaghat, Masoume Nakhost Lotfi ; **Malihe Talebi** ; Mohammad Reza Pourshafie. **Status of Pertussis in Iran.** Jundishapur J Microbiol.(2014)
11. Katayoun Borhani; Ali Ahmadi ; Fateh Rahimi ; Mohammad Reza Pourshafie, **Malihe Talebi. Determination of Vancomycin Resistant *Enterococcus faecium* Diversity in Tehran Sewage Using Plasmid Profile, Biochemical Fingerprinting and Antibiotic Resistance .** Jundishapur J Microbiol.2014.
12. **Malihe Talebi** ; Javad Sadeghi ; Fateh Rahimi; Mohammad Reza Pourshafie.**Isolation and Biochemical Fingerprinting of Vancomycin-Resistant *Enterococcus faecium* From Meat, Chicken and Cheese.** Jundishapur J Microbiol. 2015.
13. Nasrin Noohi ; Gholamhosein Ebrahimipour ; Mahdi Rohani ; **Malihe Talebi** ; Mohammad Reza|Pourshafie. **Phenotypic Characteristics and Probiotic Potentials of Lactobacillus spp. Isolated From Poultry:** Jundishapur J Microbiol. 2014
14. **Talebi M,** Pourshafie MR, Oskouii M, Eshraghi SS. **2008** Molecular Analysis of *vanHAX* Element in Vancomycin Resistant Enterococci Isolated from Hospitalized Patients in Tehran. **Iran Biomed J.** 12:223-8.
15. Rahimi F, **Talebi M,** Saifi M, Pourshafie MR. **2007** Distribution of enterococcal species and detection of vancomycin resistance genes by multiplex PCR in Tehran sewage. **Iran Biomed J.** 11:161-7.
16. **Talebi M,** Eshraghi SS, Pourshafie MR, Pourmand MR, Eshraghian MR. **2007** Characterization of vancomycin resistant *Enterococcus faecium* **Iranian Journal of Public Health** 36:20-25

Research Interests:

Molecular Epidemiology

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Probiotics