

In the Name of God

Curriculum Vitae

Dr. Hadi Sedigh Ebrahim-Saraie

Ph.D at Medical Bacteriology

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Biography:

Hadi Sedigh obtained his BSc degree in Microbiology in 2008 at Islamic Azad University, and his MSc degree in Medical Microbiology and Ph.D degree in Medical Bacteriology at Shiraz University of Medical Sciences during 2012-2018. His research interests are the study of antimicrobial resistance mechanisms in Gram-positive cocci, *Enterobacteriaceae* and non-fermentative Gram-negative Bacilli, the study of bacterial pathogenesis, epidemiology of nosocomial infections, and anaerobic bacteria, particularly *Clostridium difficile* infection.

Peer Review activity:

BMC Infectious Diseases

Microbial Pathogenesis

Future Microbiology

International Journal of Environmental Health Research

Cellular and Molecular Biology (Noisy-le-grand)

Osong Public Health and Research Perspectives

Therapeutic Advances in Infectious Disease

Gene Reports

African Journal of Microbiology Research

International Journal of Microbiology and Biotechnology

Journal of Midwifery and Reproductive Health

Publications:

1. Malekzadegan Y, Khashei R, **Sedigh Ebrahim-Saraie H**, Jahanabadi Z. Distribution of virulence genes and their association with antimicrobial resistance among uropathogenic *Escherichia coli* isolates from Iranian patients. *BMC Infect Dis*. 2018;18(1):572. (ISI=2.6)
2. Hadadi M, Heidari H, **Sedigh H**, Motamedifar M. Molecular characterization of vancomycin, mupirocin and antiseptic resistant *Staphylococcus aureus* strains. *Mediterr J Hematol Infect Dis*. 2018. 10(1): e2018053. (ISI=1.1)
3. Heidari H, **Sedigh Ebrahim-Saraie H**, Hadadi M, Mirzaei A, Motamedifar M. Characterization of virulence factors, antimicrobial resistance patterns and biofilm formation of *Pseudomonas aeruginosa* and *Staphylococcus* spp. strains isolated from corneal infection. *J Français D'Ophtalmologie*. 2018; 41(9):823-829. (ISI=0.6)
4. **Sedigh Ebrahim-Saraie H**, Heidari H, Amanati A, Bazargani A, Alireza Taghavi S, Nikokar I, et al. A multicenter-based study on epidemiology, antibiotic susceptibility and risk factors of toxigenic *Clostridium difficile* in hospitalized patients in southwestern Iran. *Infez Med* 2018;26:308-315. (PubMed)
5. Khashei R, Malekzadegan Y, **Sedigh Ebrahim-Saraie H**, Razavi Z. Phenotypic and genotypic characterization of macrolide, lincosamide and streptogramin B resistance among clinical isolates of staphylococci in southwest of Iran. *BMC Res Notes* 2018;11:711. (PubMed)
6. Taji A, Heidari H, **Ebrahim-Saraie HS**, Sarvari J, Motamedifar M. High prevalence of vancomycin and high-level gentamicin resistance in *Enterococcus faecalis* isolates. *Acta Microbiol Immunol Hung* 2018:1-15. (ISI=1.1)
7. Ghassabi F, Malekzadegan Y, **Sedigh Ebrahim-Saraie H**, et al. Frequency of gonorrhea and syphilis co-infection and related risk factors in HIV patients from Shiraz, South of Iran. *Caspian J Intern Med*. 2018; 9(4):397-402. (PubMed)
8. Khashei R, **Sedigh Ebrahim-Saraie H**, Hadadi M, et al. The occurrence of nosocomial pathogens on cell phones of healthcare workers in an Iranian tertiary care hospital. *Infect Disord Drug Targets*. 2018. (PubMed, Accepted)
9. **Sedigh Ebrahim-Saraie H**, Heidari H, Rezaei V, Mortazavi SMJ, Motamedifar M. Promising antibacterial effect of copper oxide nanoparticles against several multidrug resistant uropathogens. *Pharm Sci*. 2018; 24(3):213-218. (Scopus)
10. Hosseinzadeh Z, **Sedigh Ebrahim-Saraie H**, Sarvari J, Mardaneh J, Dehghani B, Rokni-Hosseini SMH, Motamedifar M. Emergence of bla_{NDM-1} and bla_{OXA-48}-like harboring carbapenem-resistant *Klebsiella pneumoniae* isolates from hospitalized patients in southwestern Iran. *J Chin Med Assoc* 2018; 81: 536-40. (ISI=1.6)
11. **Sedigh Ebrahim-Saraie H**, Heidari H, Khashei R, Nabavizadeh SH. A rare case of complicated pericardial effusion with *Elizabethkingia meningoseptica* from Iran. *Cell Mol Biol*. 2018; 28;64(3):53-55. (ISI=1.3)
10. Heidari H, Halaji M, Taji A, Kazemian H, Shahini Shams Abadi M, Taheripour Sisakht M, **Sedigh Ebrahim-Saraie H**. Molecular analysis of drug-resistant *Acinetobacter baumannii* isolates by ERIC-PCR. *Meta Gene*. 2018; 17: 132-5. (Scopus, Corresponding author)

13. Ghaffarian F, Hedayati M, **Ebrahim-Saraie HS**, Roushan ZA, **Mojtahedi A**. Molecular epidemiology of ESBL-producing *Klebsiella pneumoniae* isolates in intensive care units of a tertiary care hospital, North of Iran. *Cell Mol Biol*. 2018; 64: 75-9. (ISI=1.3)
14. Shahini Shams-Abadi M, Halaji M, Hoseini-Alfatemi SM, Gholipour A, **Mojtahedi A**, **Sedigh Ebrahim-Saraie H**. Epidemiology of toxic shock syndrome toxin-1 harboring *Staphylococcus aureus* obtained from clinical samples in Iran: A Systematic Review and Meta-analysis. *Ann Ig* 2018; 30:391-400. (PubMed, Corresponding author)
15. **Ebrahim-Saraie HS**, Nezhad NZ, Heidari H, Motamedifar A, Motamedifar M. Detection of Antimicrobial Susceptibility and Integrins Among Extended-spectrum beta-lactamase Producing Uropathogenic *Escherichia coli* Isolates in Southwestern Iran. *Oman Med J* 2018; 33: 218-23. (PubMed)
16. Kazemian H, Ghafourian S, Sadeghifard N, Houshmandfar R, Badakhsh B, Taji A, Shavalipour A, Mohebi R, **Ebrahim-Saraie HS**, Houry H, Heidari H. In vivo Antibacterial and Wound Healing Activities of Roman Chamomile (*Chamaemelum nobile*). *Infect Disord Drug Targets* 2018; 18: 41-5. (PubMed)
17. **Ebrahim-Saraie HS**, Heidari H, Mousavi S, Asefi H, Abadi AH, Afsar-Kazerooni P, Motamedifar M. *Toxoplasma gondii* seroprevalence and related risk factors in patients with HIV in Iran. *Arch Hellen Med*. 2018; 35 (3), 400-404. (Scopus)
18. Soltani B, Heidari H, **Ebrahim-Saraie HS**, Hadi N, Mardaneh J, Motamedifar M. Molecular characteristics of multiple and extensive drug-resistant *Acinetobacter baumannii* isolates obtained from hospitalized patients in Southwestern Iran. *Infez Med*. 2018; 26: 67-76. (PubMed)
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20. Houry H, Kazemian H, **Sedigh Ebrahim-Saraie H**, Taji A, Tayebi Z, Heidari H. Linezolid activity against clinical Gram-positive cocci with advanced antimicrobial drug resistance in Iran. *J Glob Antimicrob Resist*. 2017;10:200-3. (ISI=2)
21. Motamedifar M, Heidari H, Yasemi M, **Sedigh Ebrahim-Saraie H**. Molecular epidemiology and characteristics of 16 cases with *Stenotrophomonas maltophilia* bacteraemia in pediatric Intensive Care Units. *Ann Ig*. 2017;29(4):264-72. (PubMed, Corresponding author)
22. Heidari H, Hasanpour S, **Ebrahim-Saraie HS**, Motamedifar M. High Incidence of Virulence Factors Among Clinical *Enterococcus faecalis* Isolates in Southwestern Iran. *Infect Chemother*. 2017;49(1):51-6. (PubMed)
23. Kaveh M, Bazargani A, Ramzi M, **Sedigh Ebrahim-Saraie H**, Heidari H. Colonization Rate and Risk Factors of Vancomycin-Resistant Enterococci among Patients Received Hematopoietic Stem Cell Transplantation in Shiraz, Southern Iran. *Int J Org Transplant Med*. 2016;7 (4):197-205. (PubMed)
24. Zalipour M, **Sedigh Ebrahim-Saraie H**, Sarvari J, Khashei R. Detection of Biofilm Production Capability and *icaA/D* Genes Among *Staphylococci* Isolates from Shiraz, Iran. *Jundishapur J Microbiol*. 2016;9(12):e41431. (ISI=1)
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26. Rezaei E, **Sedigh Ebrahim-Saraie H**, Heidari H, Ghane P, Rezaei K, Manochehri J, et al. Impact of vitamin supplements on HAART related hematological abnormalities in HIV-infected patients. *Med J Islam Repub Iran.* 2016;30:350. (**PubMed**)

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30. Yousefi-Avarvand A, Khashei R, **Ebrahim-Saraie HS**, Emami A, Zomorodian K, Motamedifar M. The Frequency of Exotoxin A and Exoenzymes S and U Genes Among Clinical Isolates of Pseudomonas aeruginosa in Shiraz, Iran. *Int J Mol Cell Med.* 2015;4(3):167. (**PubMed**)

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33. **Ebrahim-Saraie HS**, Heidari H, Khashei R, Edalati F, Malekzadegan Y, Motamedifar M. Trends of Antibiotic Resistance in Staphylococcus aureus Isolates Obtained from Clinical Specimens. *Journal of Krishna Institute of Medical Sciences (JKIMSU).* 2017;6(3). (**Scopus**)

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37. **Ebrahim-Saraie HS**, Motamedifar M, Mansury D, Ebrahimi H, Pourshahidi S, Halaji M, et al. Association of Fusobacterium Isolation From Periodontal Pockets With Halitosis and the Related Risk Factors in Shiraz, Iran. *Arch Clin Infect Dis.* 2015;10(4):e28544.. (**Scopus**)

38. Motamedifar M, **Ebrahim-Saraie HS**, Mansury D, Nikokar I, Hashemizadeh Z. Prevalence of Etiological Agents and Antimicrobial Resistance Patterns of Bacterial Meningitis in Nemazee Hospital, Shiraz, Iran. *Arch Clin Infect Dis*. 2015;10(2):e22703. (**Scopus**)
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41. Khashei R, **Ebrahim Sarie HS**, Alfatemi MH, Zomorodian K. Antimicrobial resistance patterns of colonizing microflora on the personnel hands and noses working in the neonatal intensive care unit (NICU). *World Appl Sci J*. 2014; 30:1232-7. (**Scopus**)
42. Motamedifar M, Mansury D, **Sedigh Ebrahim-Saraie H**, Sarvari J. Comparison of phenotypic detection of extended spectrum beta-lactamases using the E-test ESBL and combined disk method clinical isolates of *Klebsiella pneumoniae*: brief report. *Tehran University Medical Journal* 2015; 73:297-302. (**Scopus**)
43. Motamedifar M, **Sedigh H**, Mansury D, Rajabi A. The effect of chloroform extract of German chamomile (*matricaria recutita*) on *Escherichia coli* infected mice. *Int J Pharmacognosy*. 2014; 1(1): 39-44. (**Index Copernicus**)
44. Motamedifar M, Mortazavi SM, Zamani K, Taeb S, Mortazavi SA, Soofi A, Haghani M, **Sedigh H**. Microbiology of the surface water samples in the high background radiation areas of Ramsar, Iran. *Radiation Protection and Environment* 2014; 37:21-4. (**Index Copernicus**)
45. Motamedifar M, **Sedigh Ebrahim-Saraie H**, Mansury D, Khashei R, Hashemizadeh Z, Rajabi A. Antimicrobial Susceptibility Pattern and Age Dependent Etiology of Urinary Tract Infections in Nemazee Hospital, Shiraz, South-West of Iran. *Int J Enteric Pathog* 2015; 3:1-26931. (**DOAJ**)
46. Yaghoobi Y, Nikokar I, **Sedigh Ebrahim-Saraie H**, Frahbakhsh M, Safavi M, Ansar R, Fazli B. Serum Level of Anti-Hepatitis B Surface Antigen Among Students in Guilan, Iran. *Int J School Health* 2015; 2:e28415. (**Index Copernicus**)
47. Khashei R, Zamani K, Kaveh M, Motamedifar M, **Sedigh Ebrahim-Saraie H**. Nasal Carriage and Resistance Pattern of *Staphylococcus aureus* Among Healthy Medical Students. *Jentashapir J Health Res* 2016; 7:e29408. (**DOAJ**)
48. Khashei R, **Ebrahim-Saraie HS**, Motamedifar M, Zalipour M, Sarvari J. Detection of *icaA/icaD* Genes and Biofilm Formation among Clinical Isolates of *Staphylococcus aureus* from Shiraz, Iran. *J Med Bacteriol*. 2015 Mar 3;4(1-2):35-42. (**Index Copernicus**)
49. Hadadi M, Malekzadegan Y, Heidari H, **Ebrahim-Saraie HS**, Motamedifar M. Antimicrobial Resistance Pattern in *Escherichia coli* Isolates Obtained from a Specialized Women and Children Hospital in Shiraz, Iran: A Prevalence Study. *Journal of health sciences and surveillance system*. 2017;1;4(4):194-8. (**Index Copernicus**)
50. Motamedifar M, **Sedigh H**, Mansury D. Patterns of Constitutive and Inducible Clindamycin Resistance in *Staphylococcus aureus* Isolated from Clinical Samples by D-test Method, Shiraz, Southwest of Iran. *Galen Medical Journal* 2014; 3:216-21. (**Emerging Sources Citation Index**)

51. Motamedifar M, Hashemizadeh Z, Haghighati G, Yousefi-Avarvand A, **Sedigh H**. Evaluation of Antibacterial Effects of Aqueous and Alcoholic Extracts of *Cuminum cyminum* L. Seeds on Some Pathogenic Bacteria. *Sadra Med Sci J*. 2017; 18;3(1):21-30. **[In Persian]**